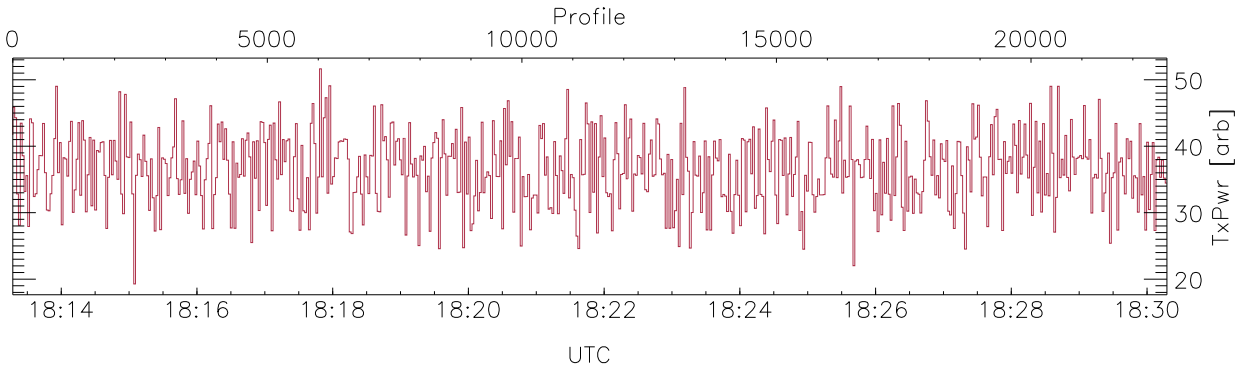
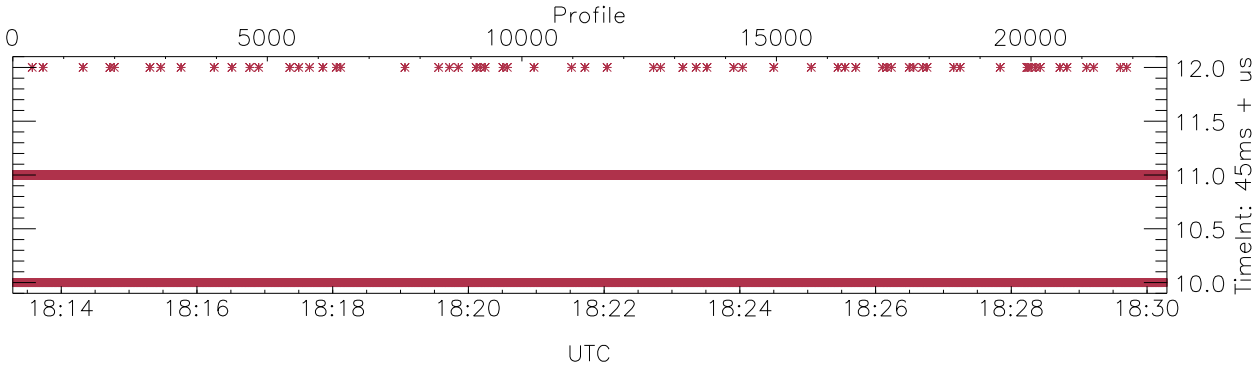
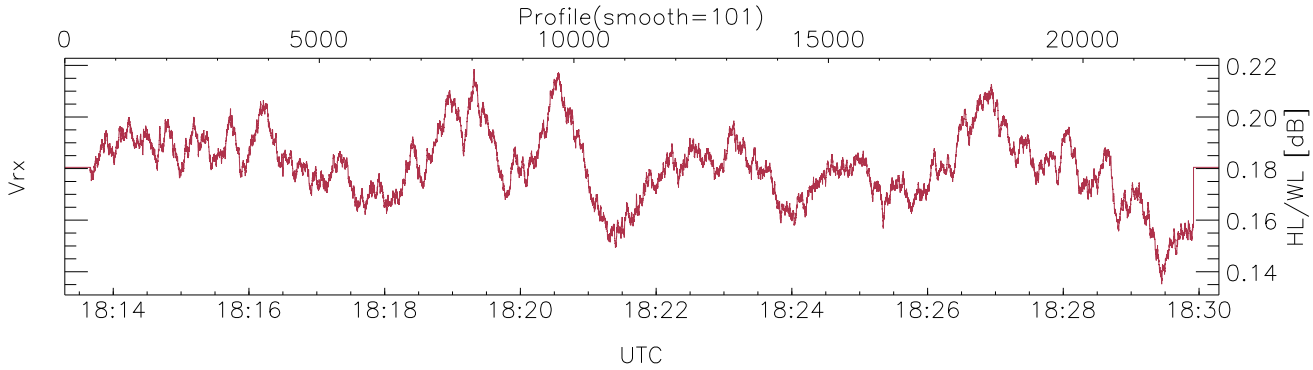
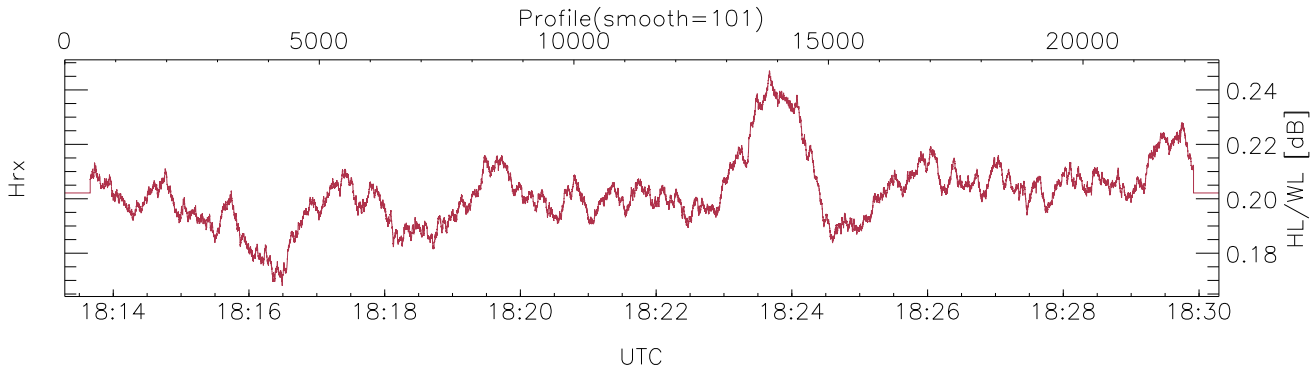


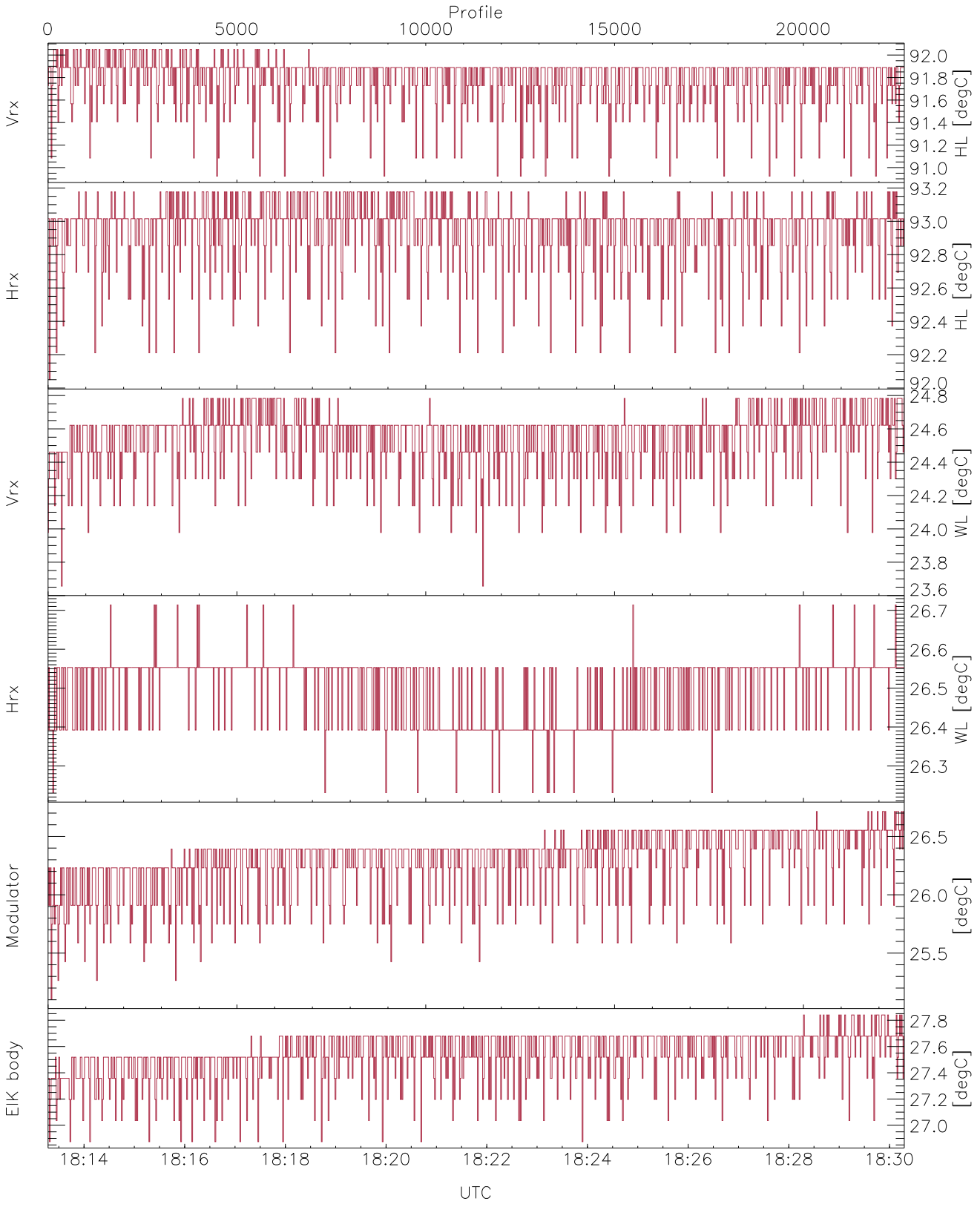






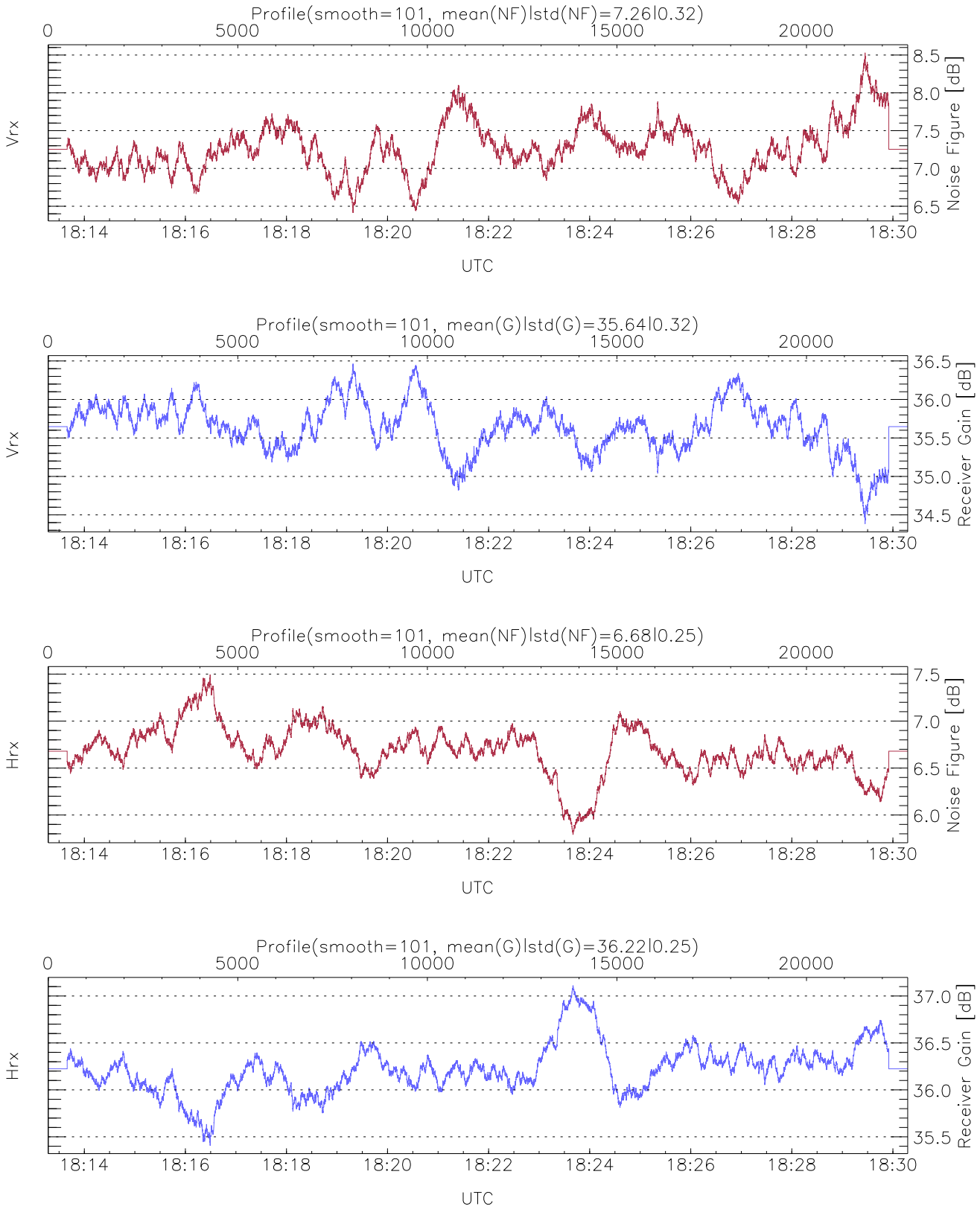
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:13:17-18:30:18, 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, 0-22671/18:13:17-18:30:18
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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



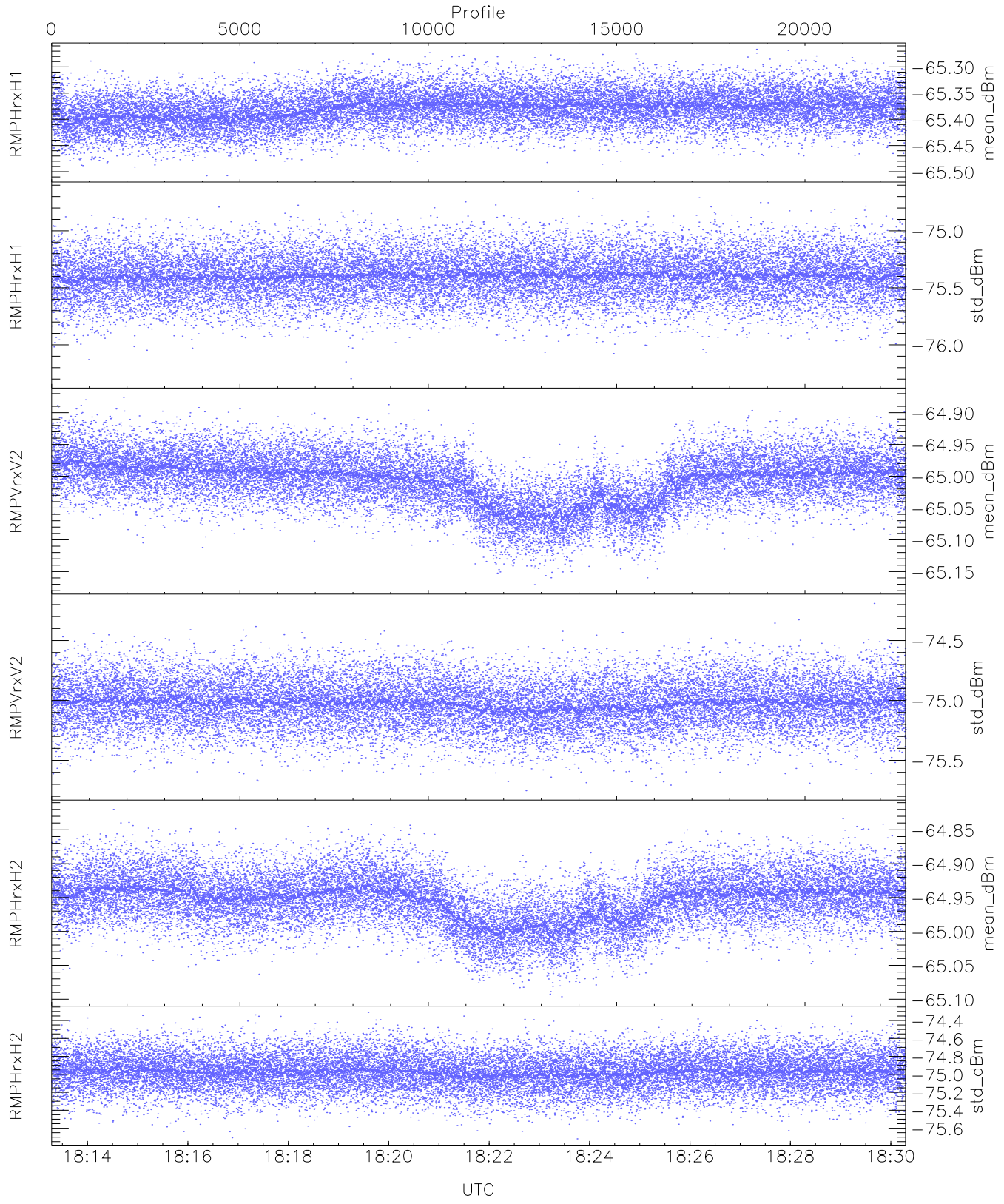
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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): 0,0,24,0
EIK Faults(# prof affected):
ColIT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22)



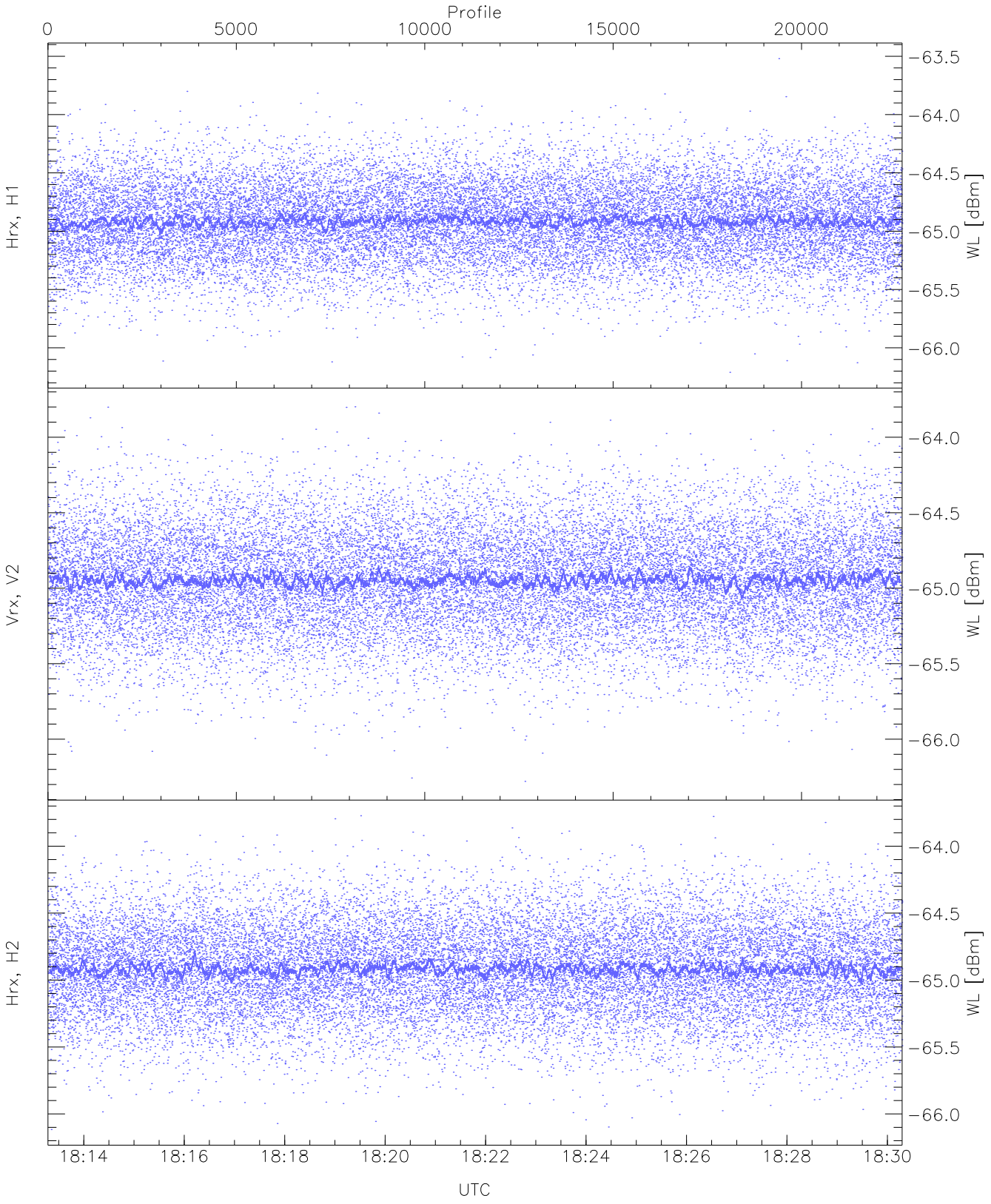
WCR3 CPP Receivers Gain and Noise Figure

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



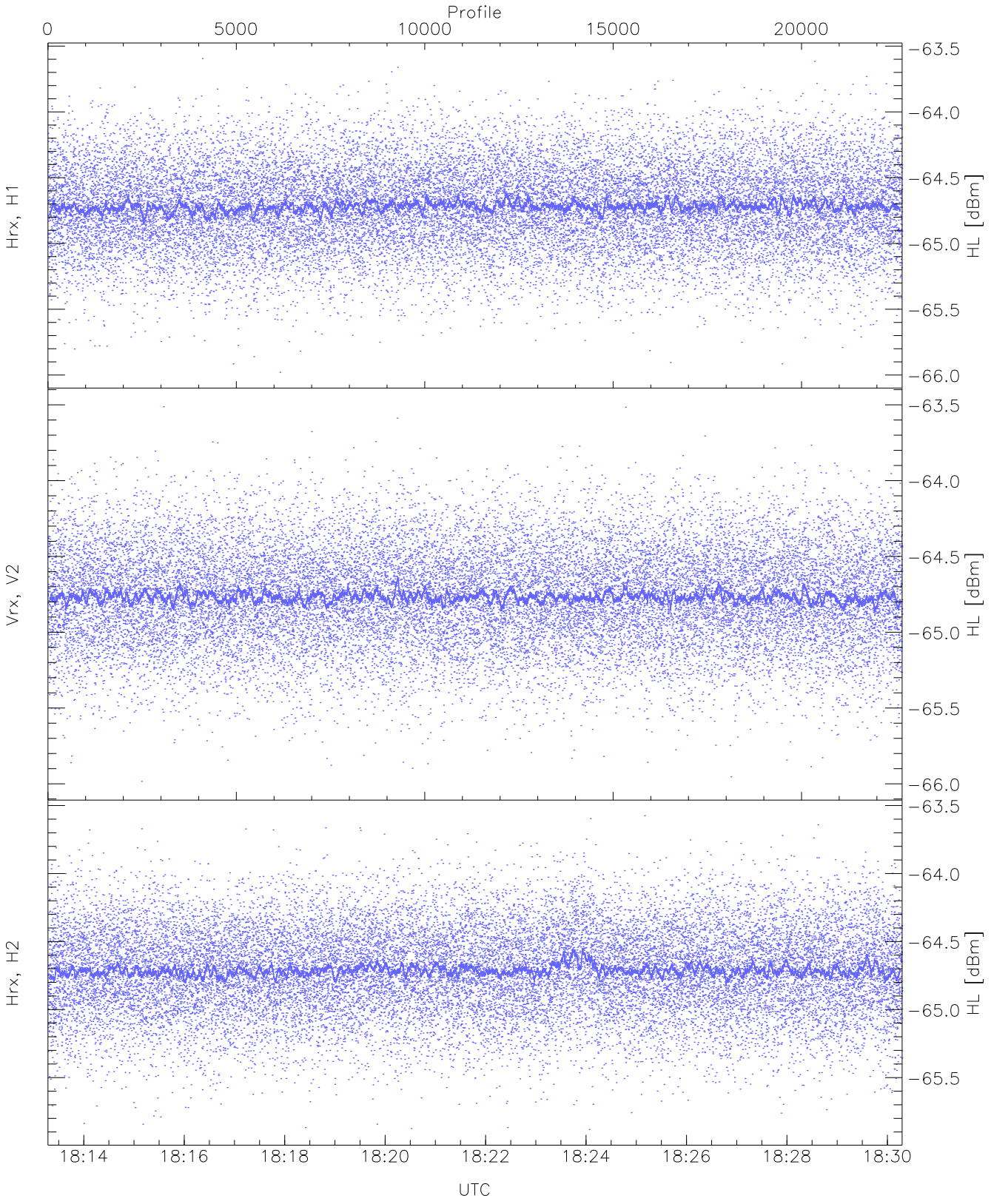
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.27	-65.38	-65.38	-86.73
RMPHrxH1(std_dBm)	-76.30	-74.65	-75.39	-75.40	-89.15
RMPVrxV2(mean_dBm)	-65.17	-64.88	-65.01	-65.00	-85.41
RMPVrxV2(std_dBm)	-75.75	-74.19	-75.02	-75.03	-88.78
RMPHrxH2(mean_dBm)	-65.10	-64.82	-64.95	-64.95	-85.73
RMPHrxH2(std_dBm)	-75.72	-74.31	-74.97	-74.97	-88.74



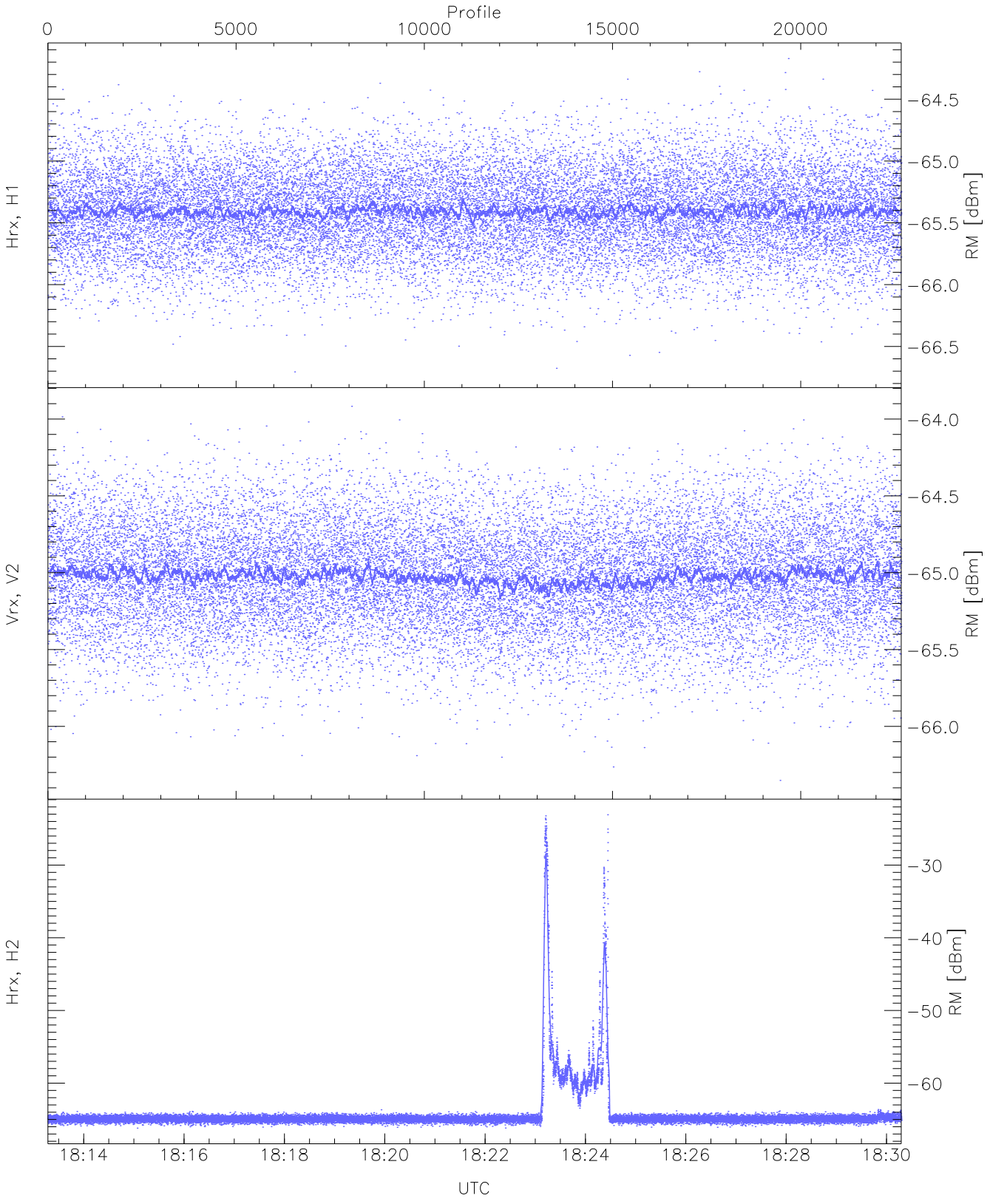
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.21	-63.52	-64.91	-64.92	-76.46
Vrx, V2(WL [dBm])	-66.28	-63.80	-64.94	-64.95	-76.46
Hrx, H2(WL [dBm])	-66.12	-63.77	-64.91	-64.92	-76.43



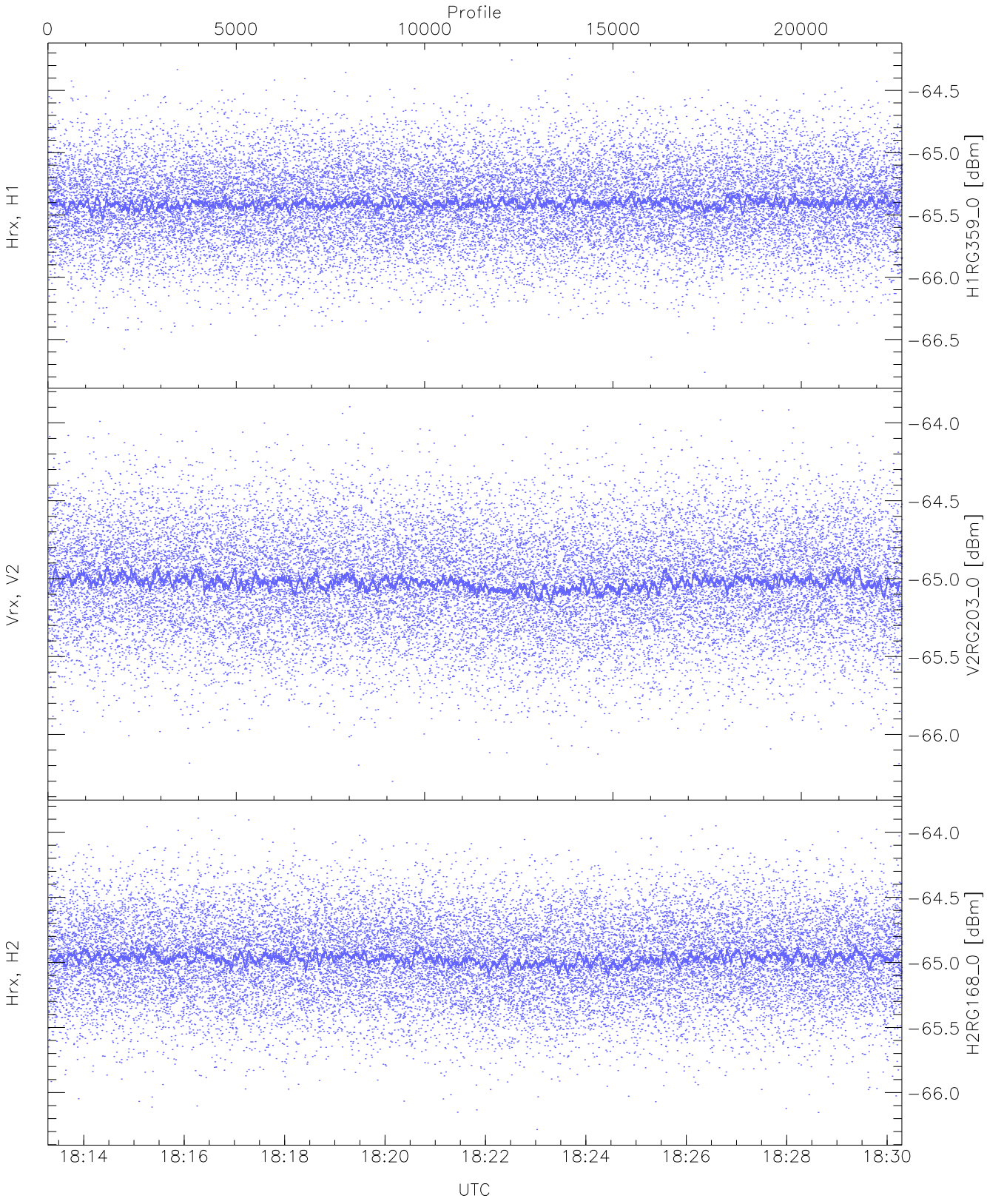
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.98	-63.60	-64.71	-64.72	-76.22
Vrx, V2(HL [dBm])	-65.98	-63.51	-64.76	-64.77	-76.27
Hrx, H2(HL [dBm])	-65.88	-63.58	-64.70	-64.71	-76.20



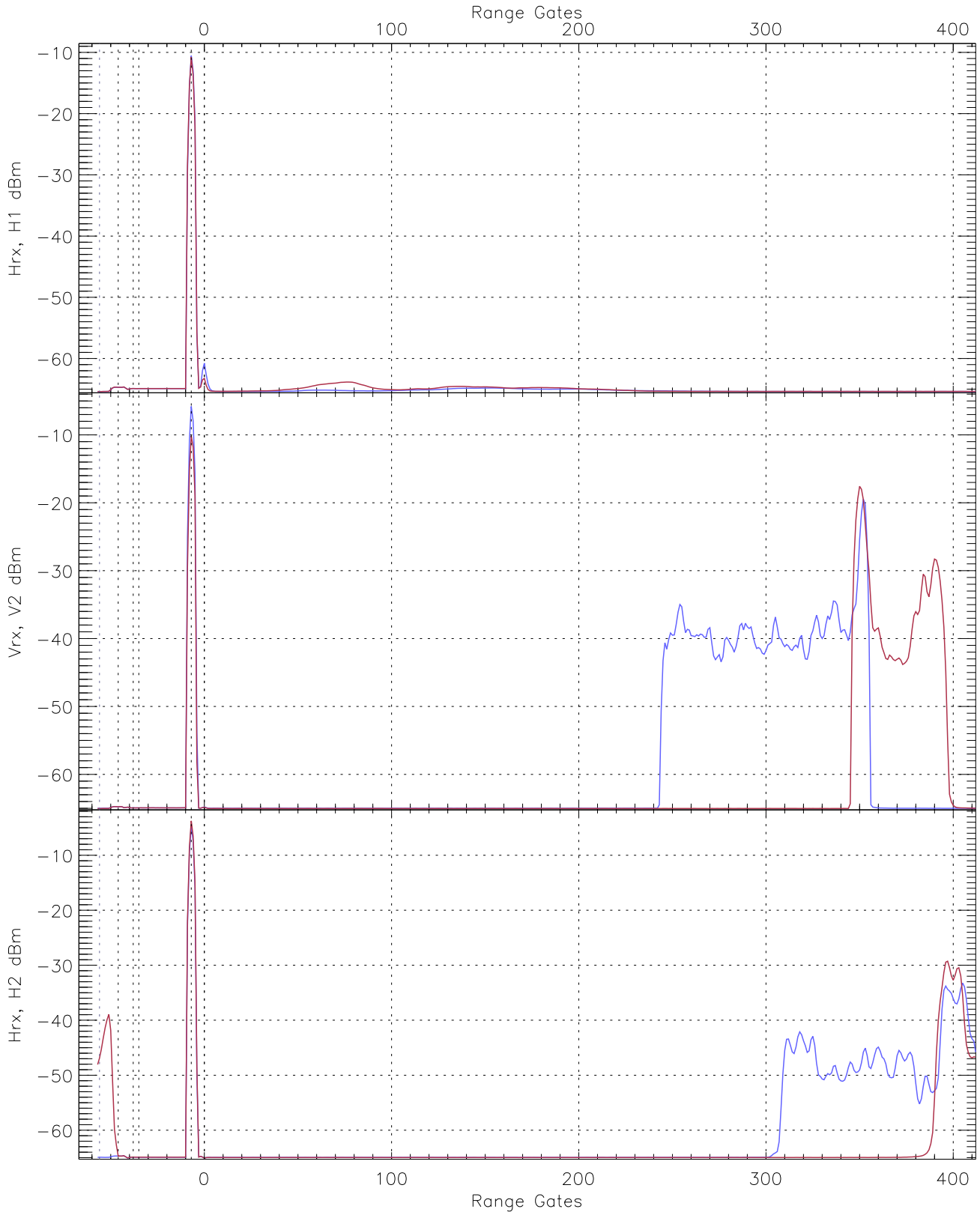
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.71	-64.17	-65.40	-65.41	-76.92
Vrx, V2(RM [dBm])	-66.35	-63.92	-65.02	-65.03	-76.52
Hrx, H2(RM [dBm])	-66.19	-23.08	-49.82	-64.89	-38.26

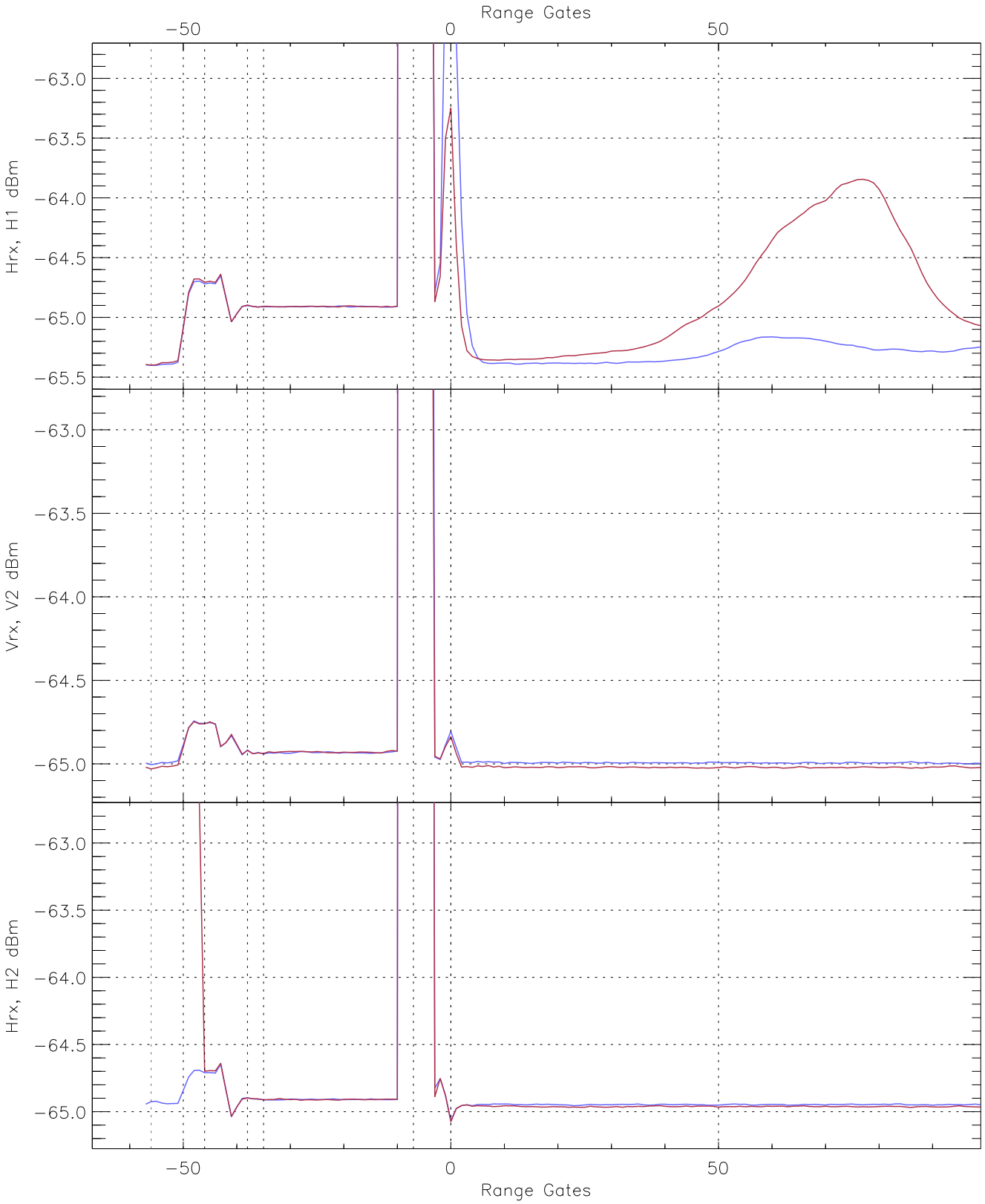


WCR3 CPP "Best" estimate Receivers Noise Power

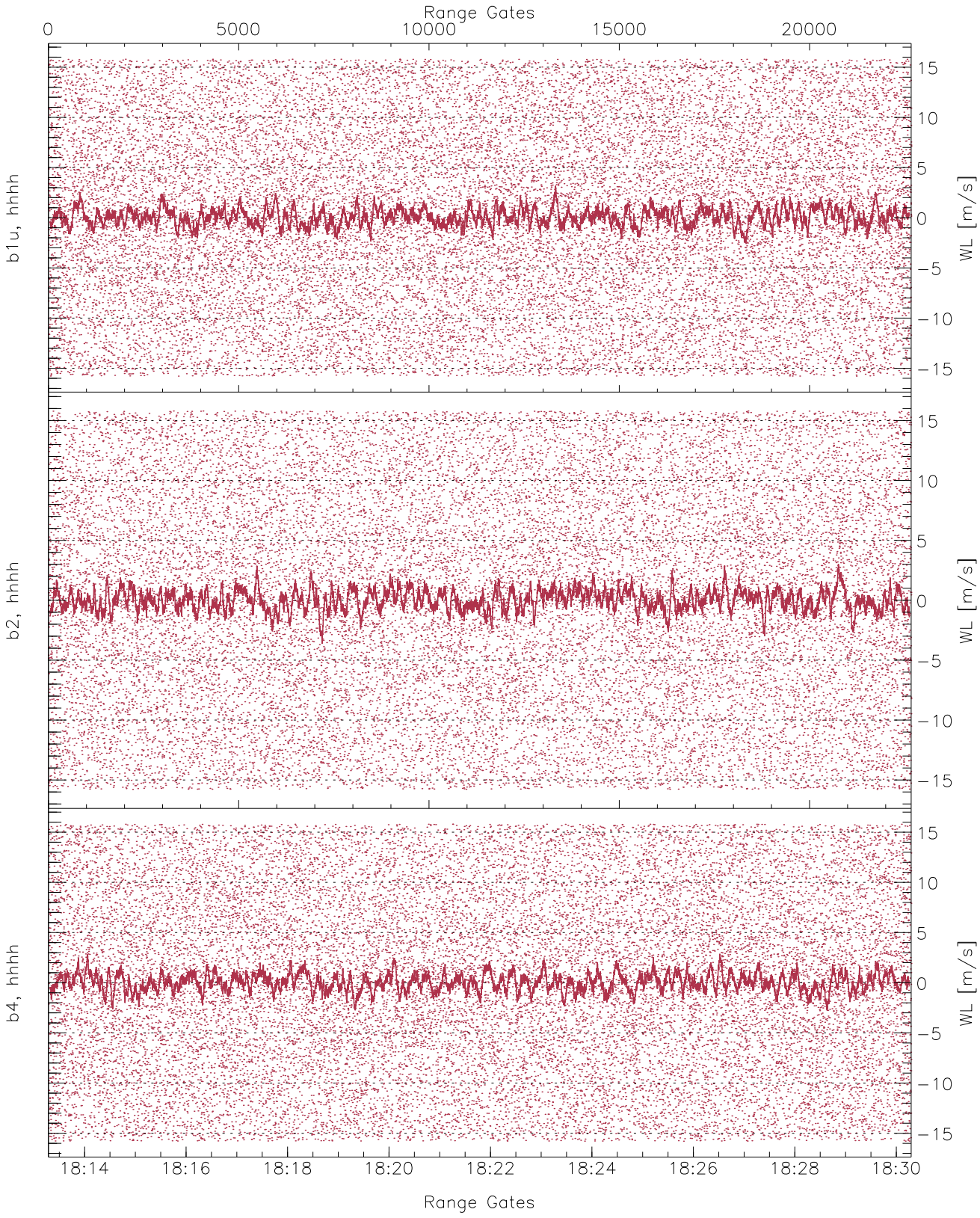
	Min	Max	Mean	Median	StDev
H1RG359_0 [dBm]	-66.76	-64.24	-65.40	-65.41	-76.89
V2RG203_0 [dBm]	-66.30	-63.90	-65.02	-65.02	-76.48
H2RG168_0 [dBm]	-66.28	-63.87	-64.96	-64.97	-76.50



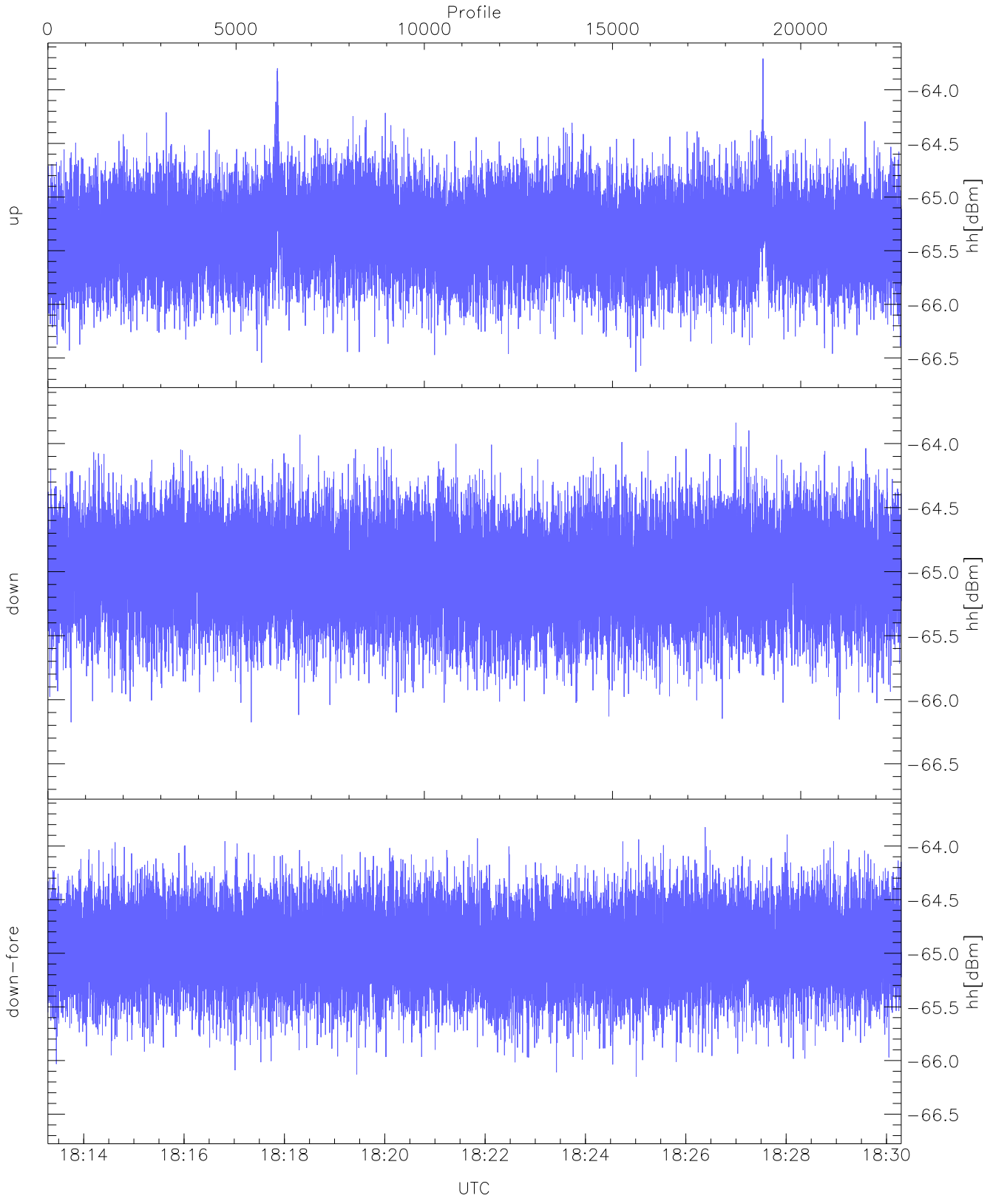
WCR3 CPP Averaged Received power for all recorded gates
blue: 181317-182147, 11337 profiles averaged
red: 182147-183018, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 181317-182147, 11337 profiles averaged
red: 182147-183018, 11336 profiles averaged

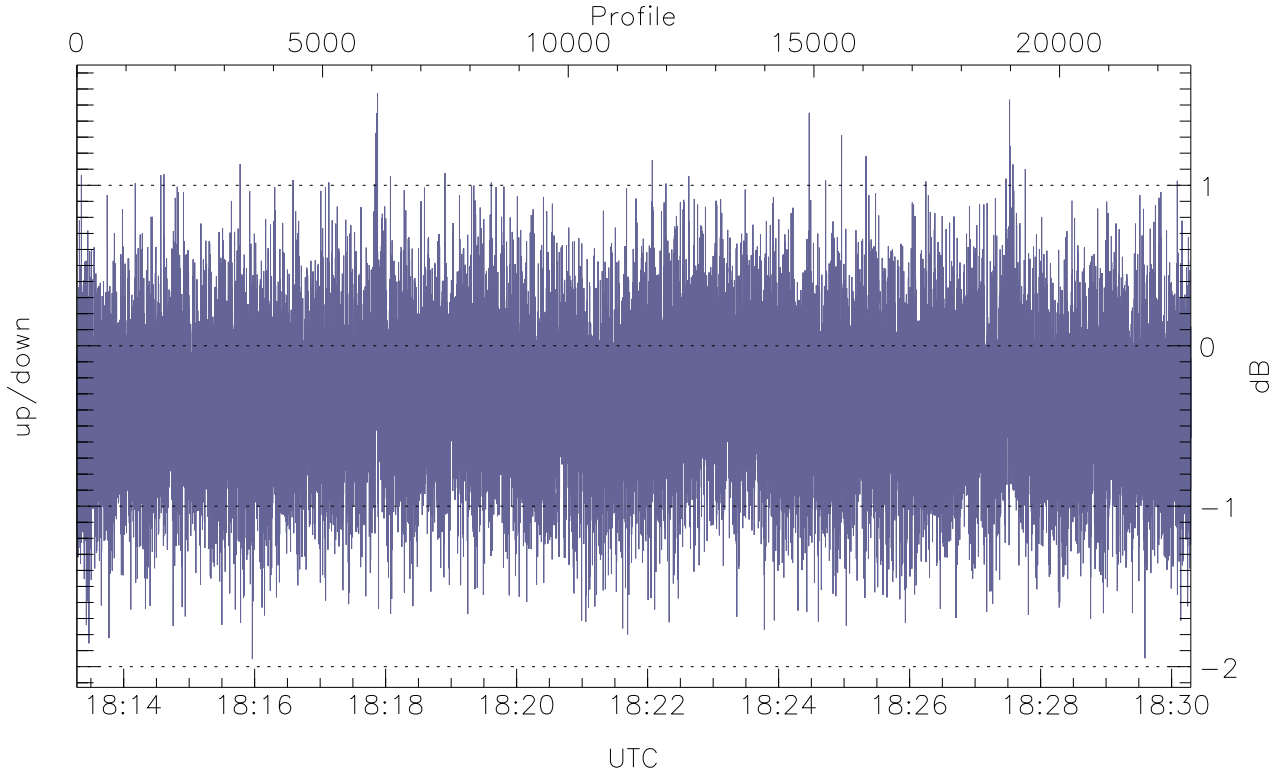


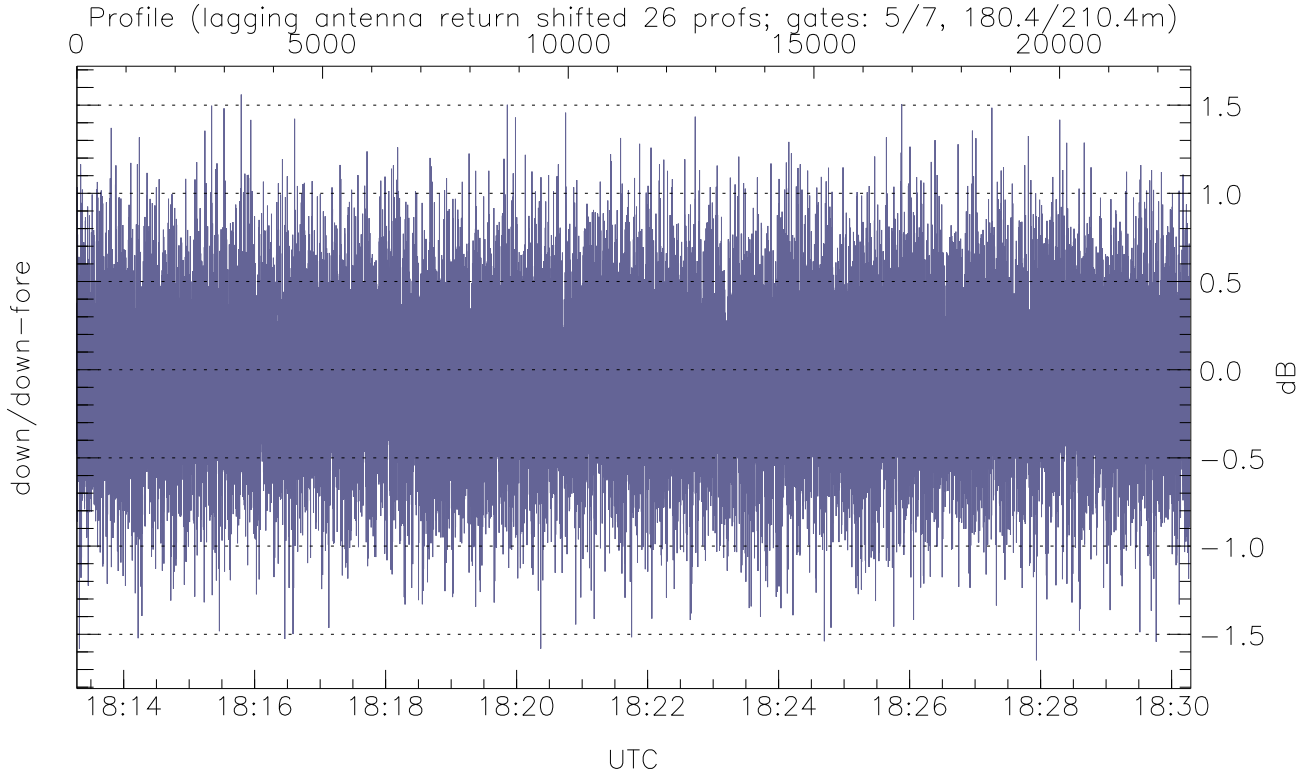
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

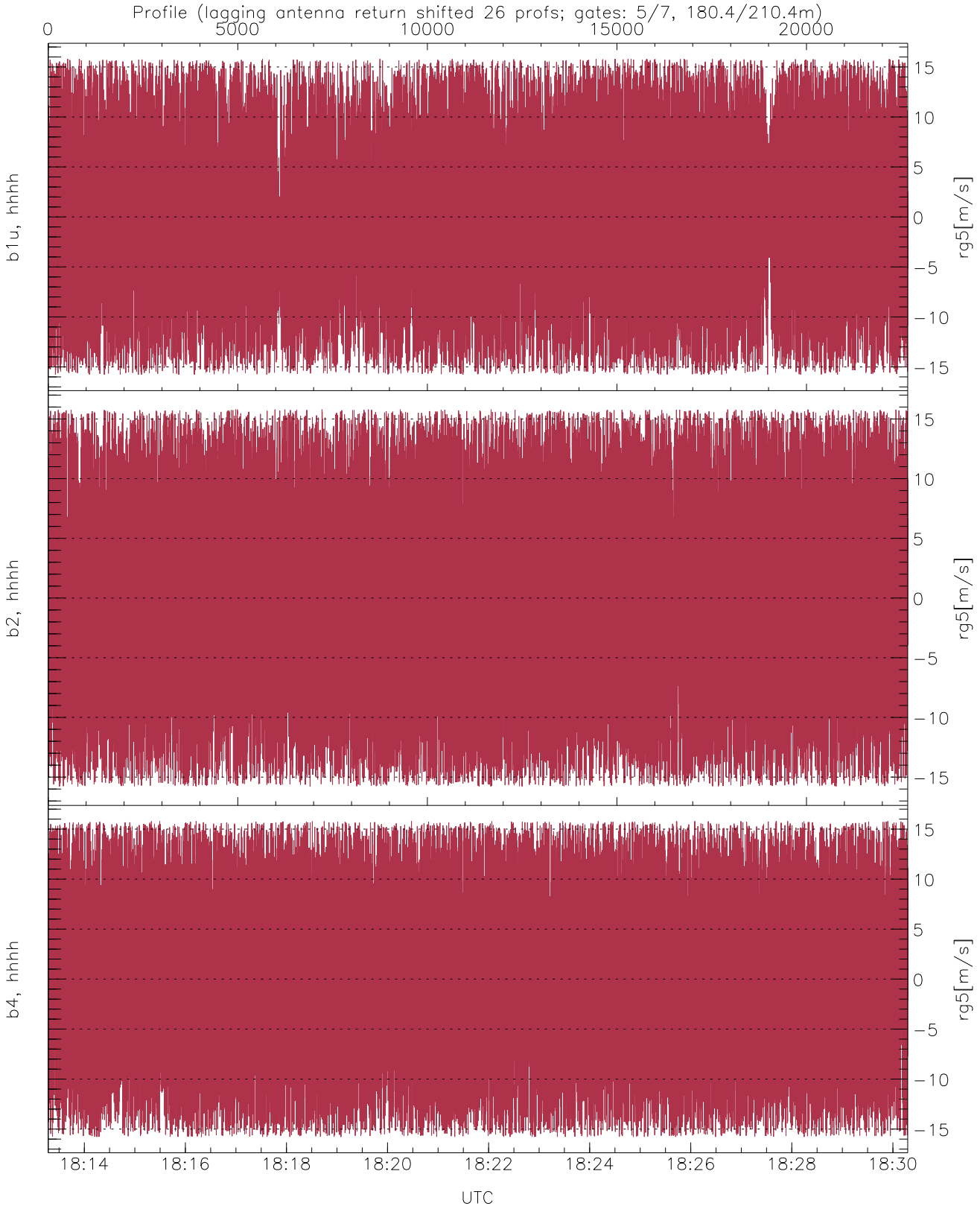
	Min	Max	Mean
up(hh[dBm])	-66.63	-63.71	-65.34
down(hh[dBm])	-66.18	-63.84	-65.00
down-fore(hh[dBm])	-66.15	-63.82	-64.95





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

	Min	Max	Mean
up/down(dB)	-1.95	1.57	-0.34
down/down-fore(dB)	-1.65	1.56	-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	-0.07	8.19
b2, hhhh(rg5[m/s])	-15.78	15.79	0.00	8.71
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.07	8.70