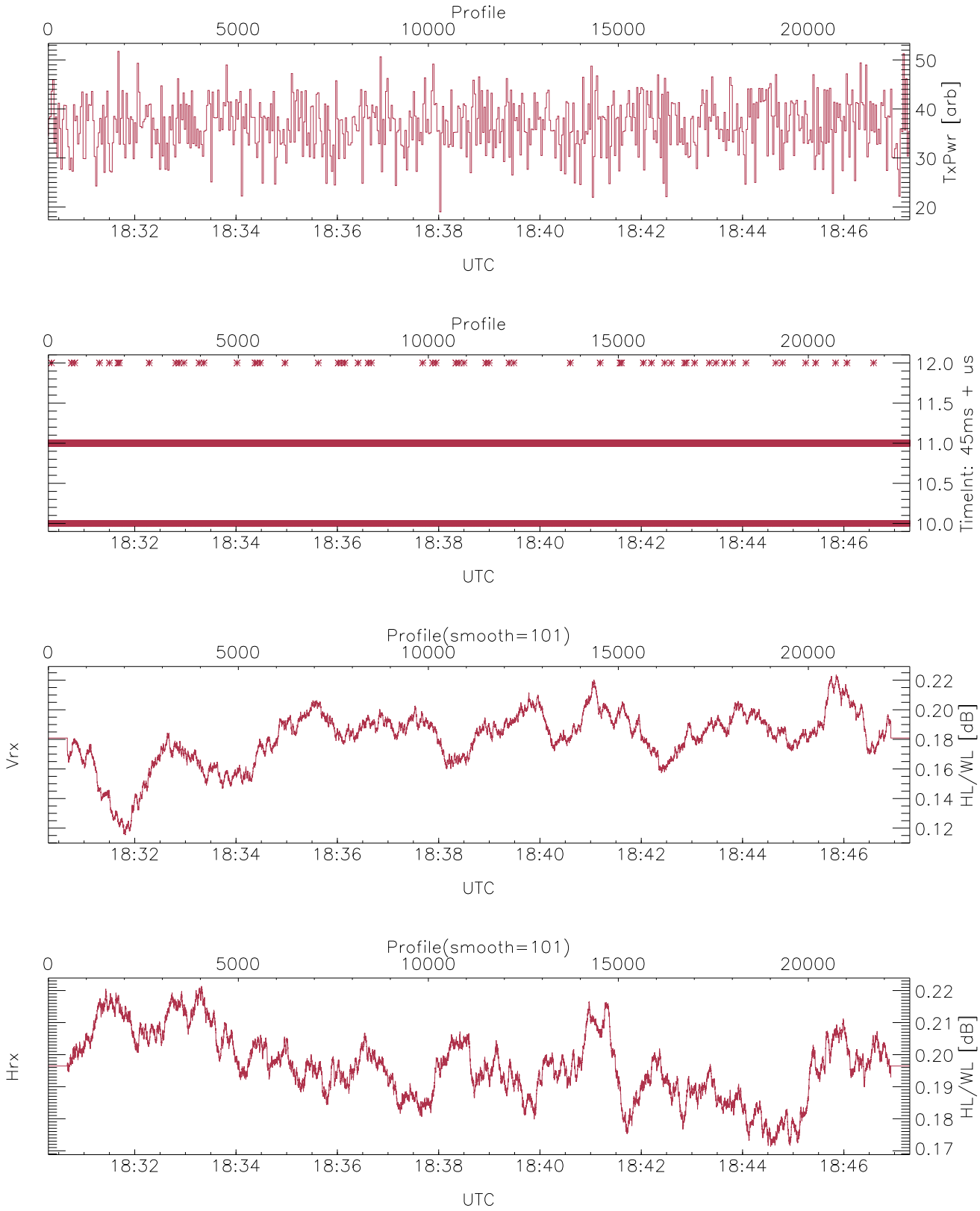
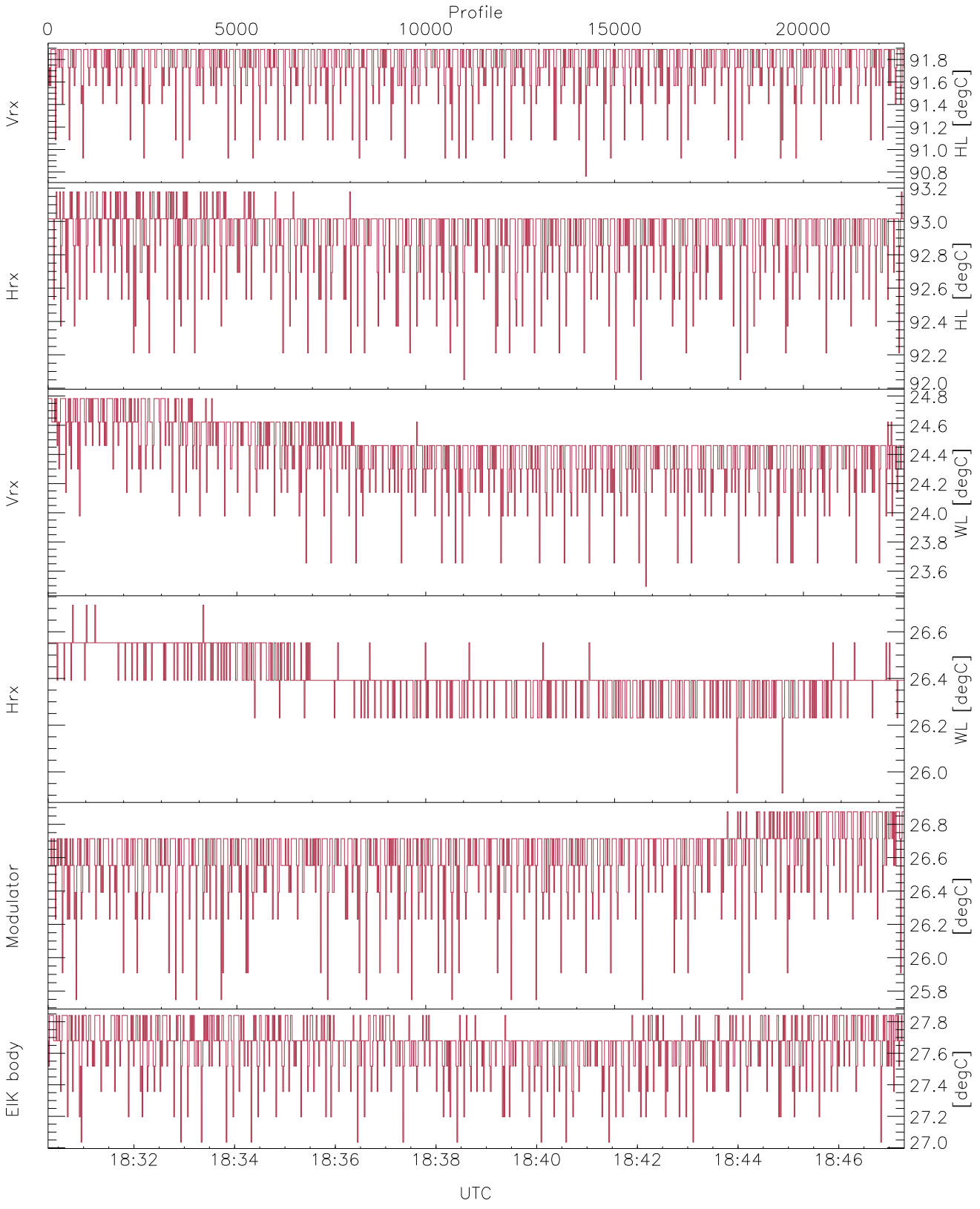


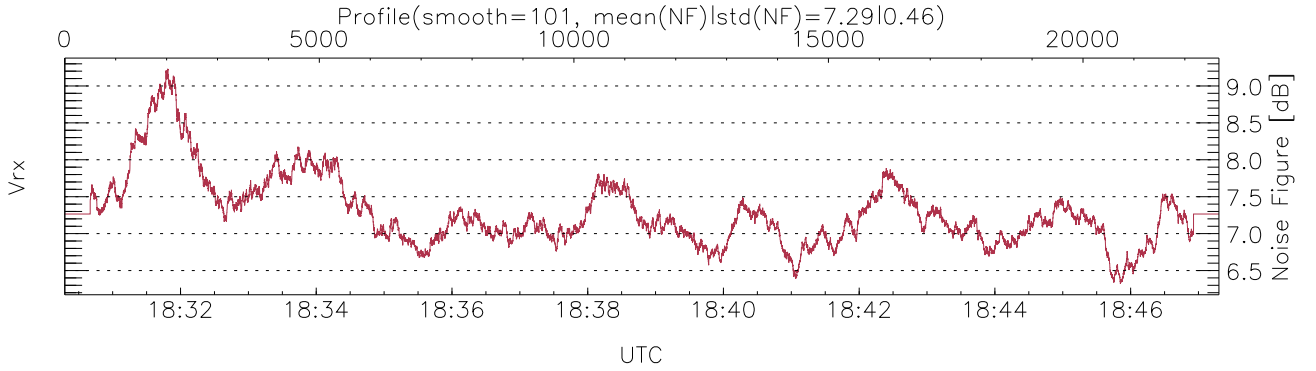
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

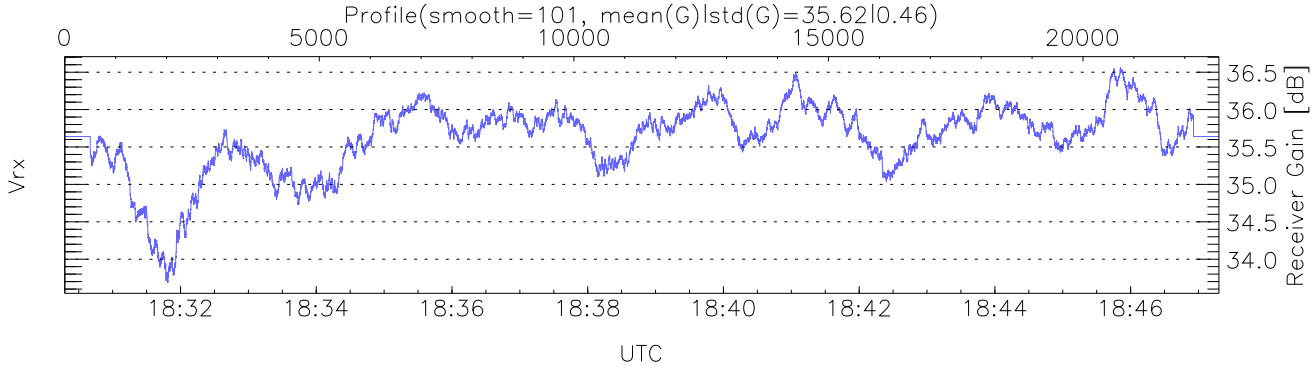
UTC: 18:30:18-18:47:18, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/18:30:18-18:47:18
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

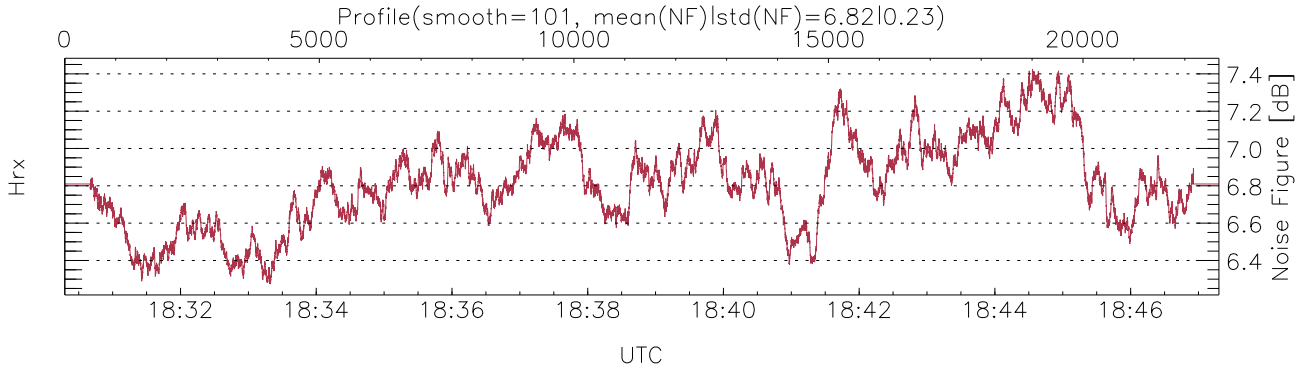


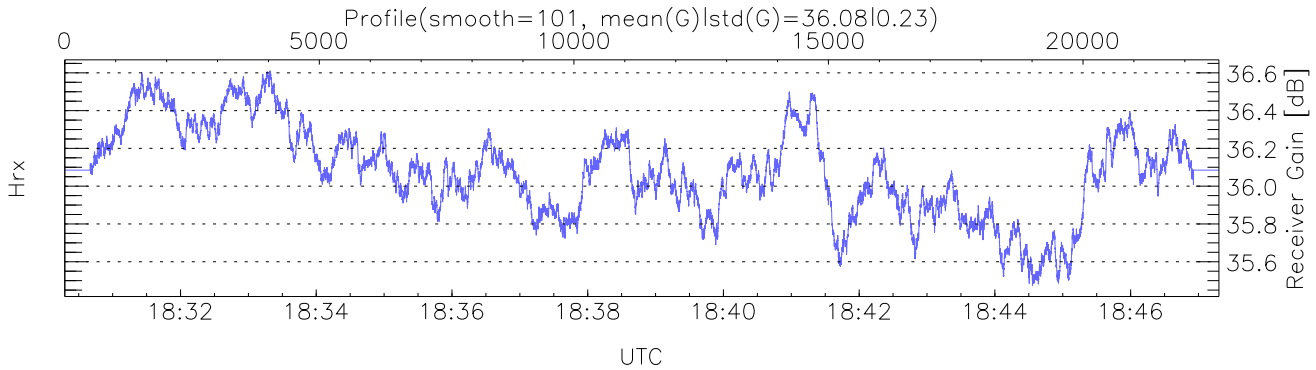
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,25,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (44,44,68,68,68,44)



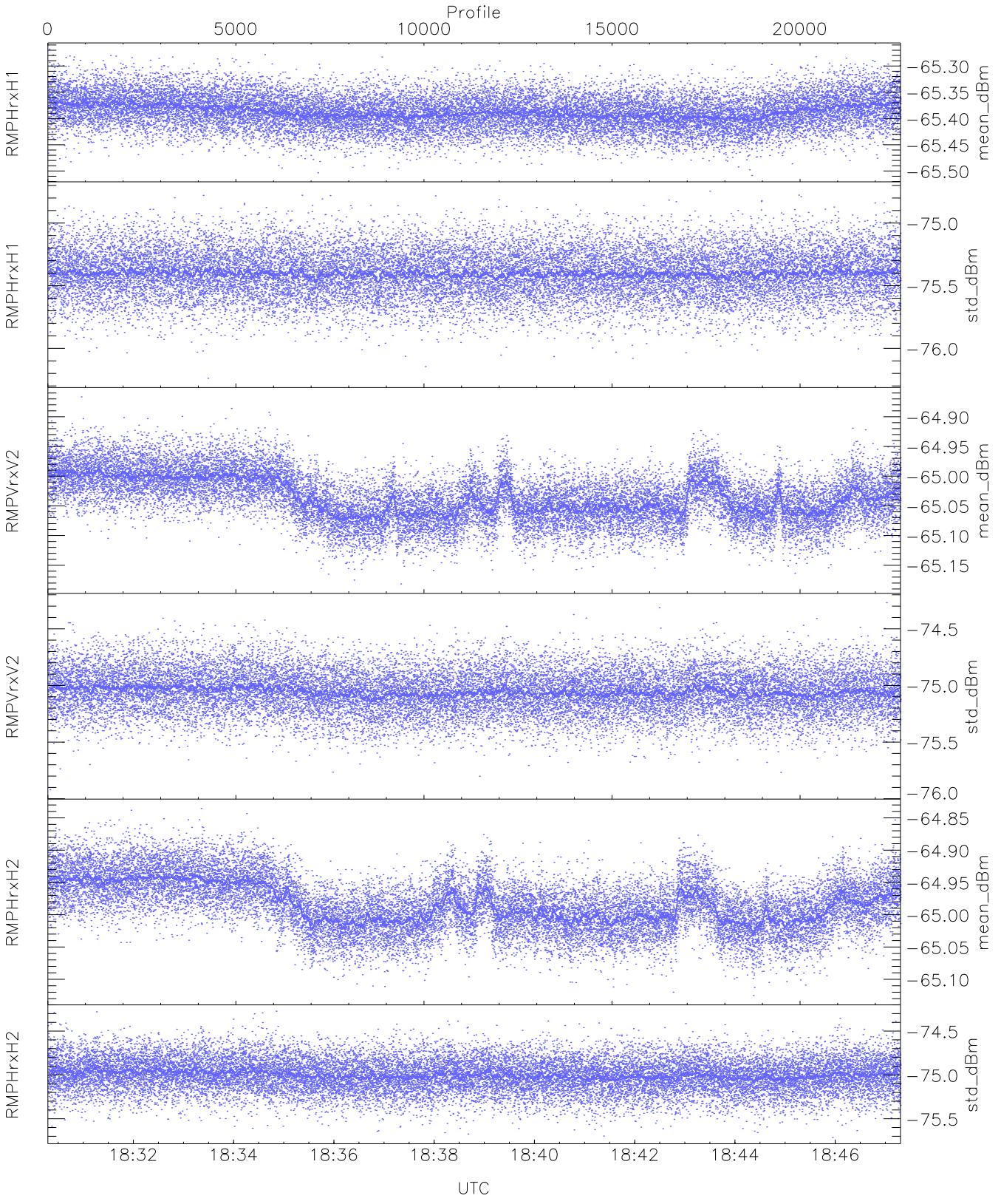






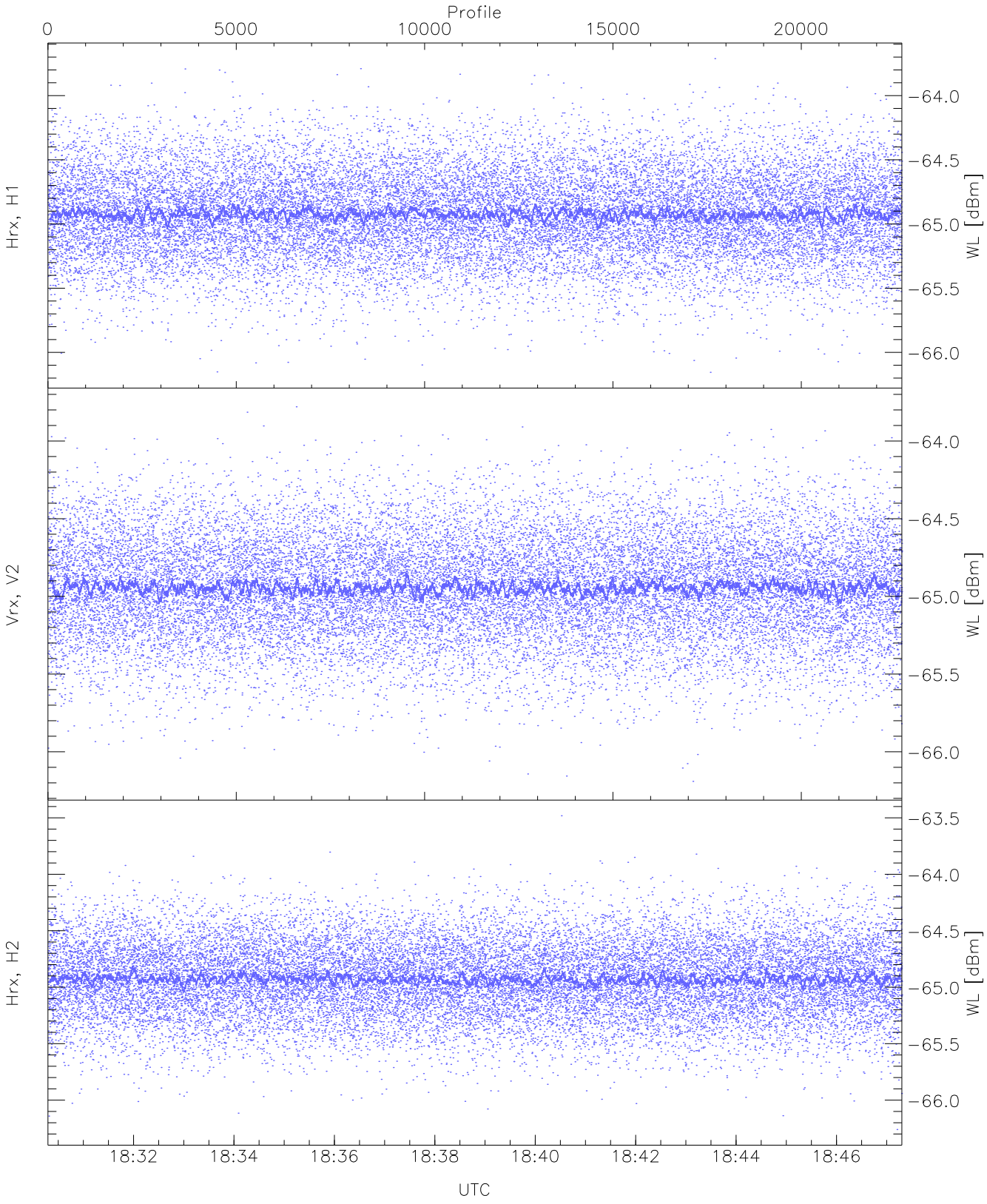
WCR3 CPP Receivers Gain and Noise Figure

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



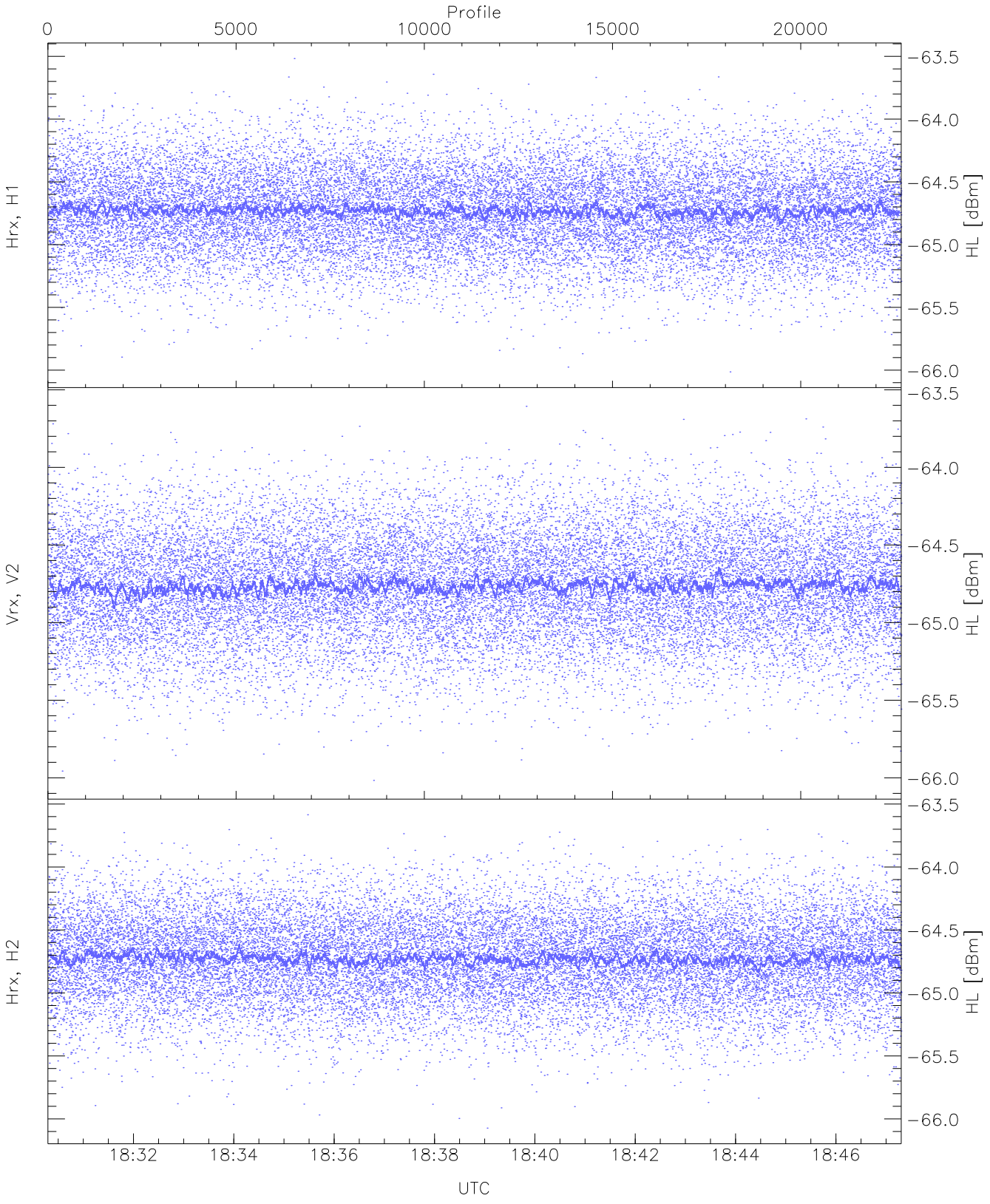
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.27	-65.39	-65.39	-86.79
RMPHrxH1(std_dBm)	-76.24	-74.75	-75.40	-75.40	-89.17
RMPVrxV2(mean_dBm)	-65.18	-64.87	-65.04	-65.04	-85.36
RMPVrxV2(std_dBm)	-75.92	-74.27	-75.05	-75.05	-88.79
RMPHrxH2(mean_dBm)	-65.13	-64.84	-64.98	-64.98	-85.30
RMPHrxH2(std_dBm)	-75.71	-74.27	-75.00	-75.00	-88.74



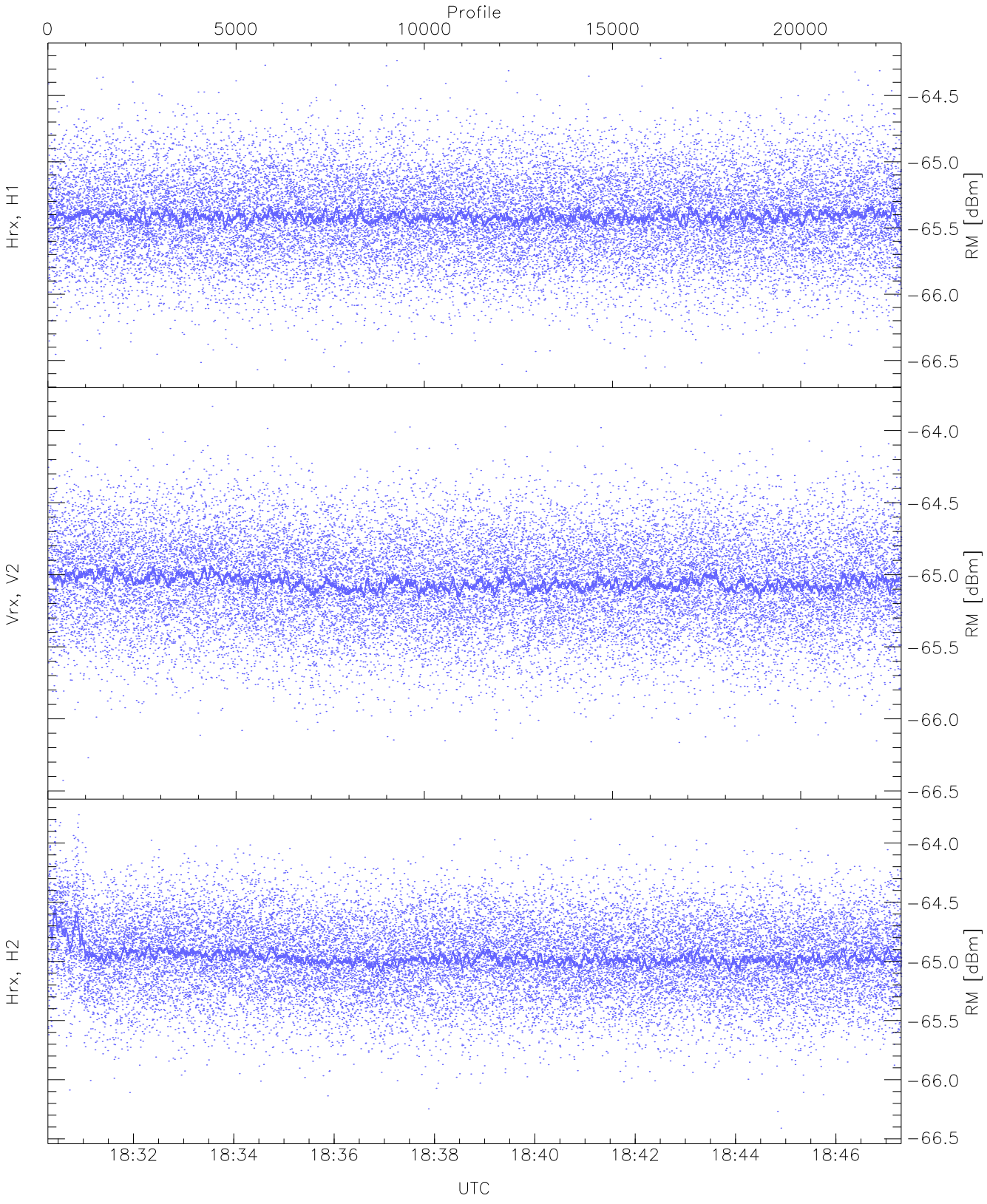
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.16	-63.71	-64.92	-64.93	-76.38
Vrx, V2(WL [dBm])	-66.19	-63.78	-64.94	-64.95	-76.45
Hrx, H2(WL [dBm])	-66.26	-63.48	-64.92	-64.93	-76.42



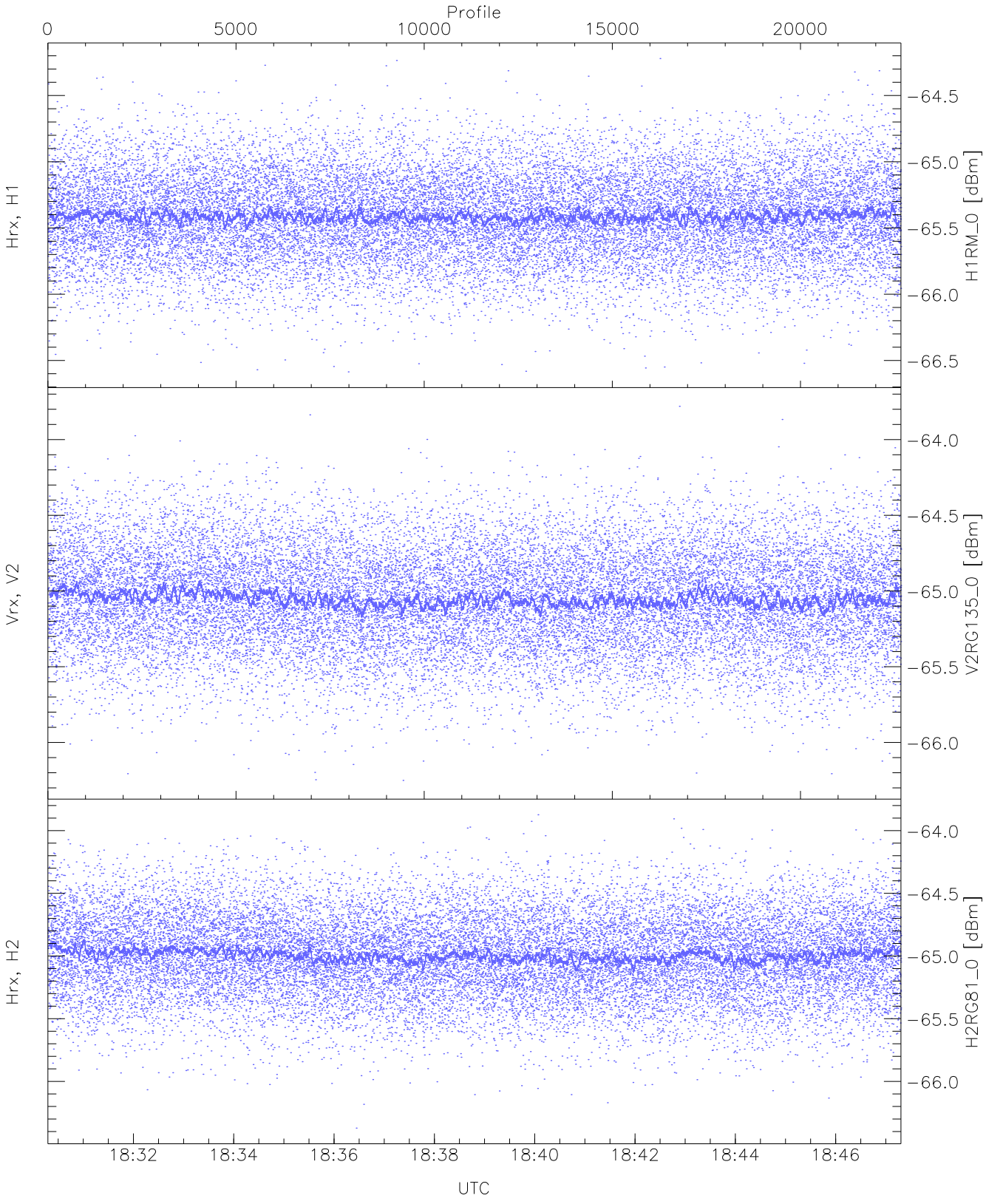
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.01	-63.52	-64.72	-64.73	-76.23
Vrx, V2(HL [dBm])	-66.02	-63.61	-64.76	-64.77	-76.25
Hrx, H2(HL [dBm])	-66.07	-63.59	-64.72	-64.73	-76.23



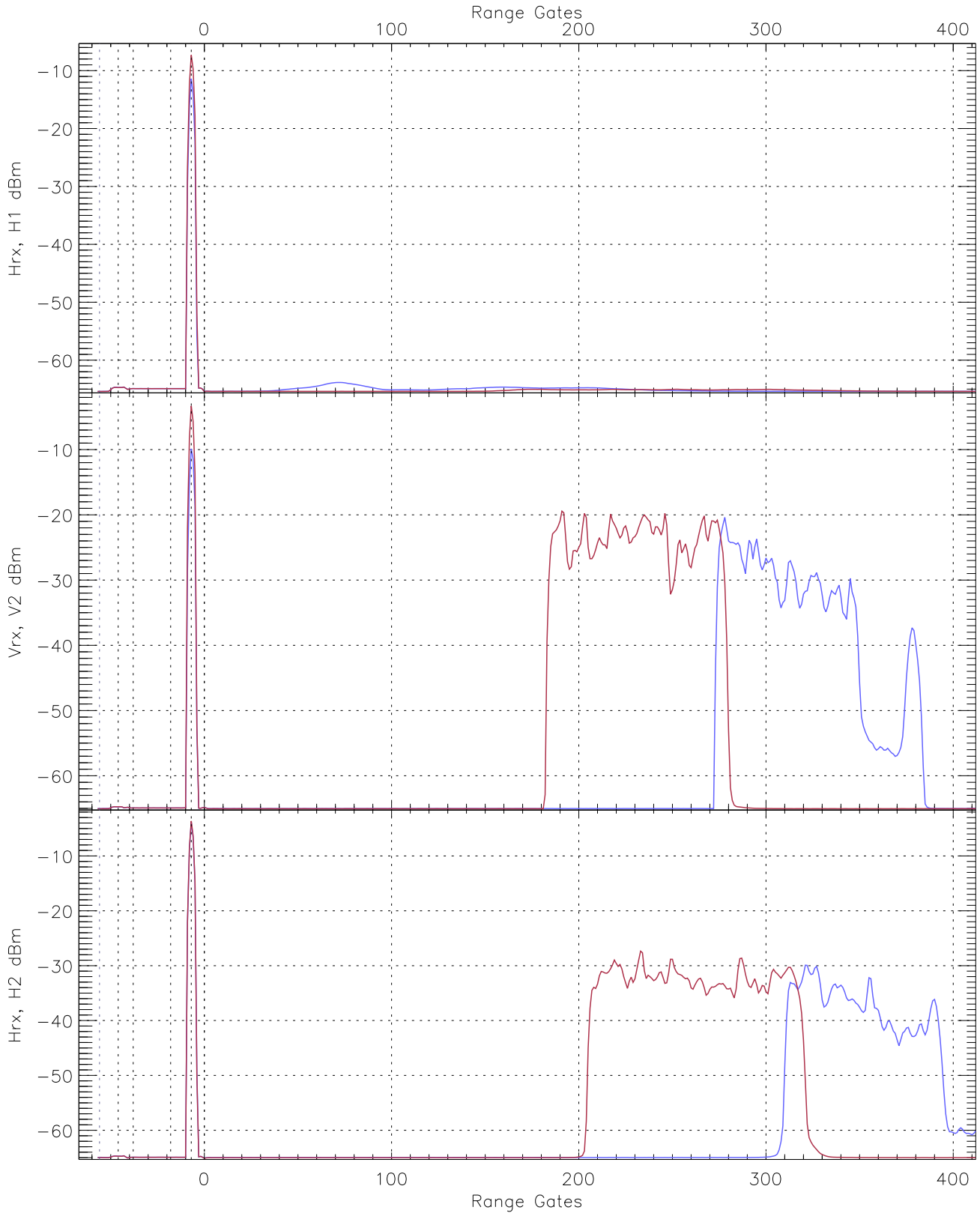
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.59	-64.22	-65.41	-65.42	-76.92
Vrx, V2(RM [dBm])	-66.43	-63.83	-65.05	-65.05	-76.53
Hrx, H2(RM [dBm])	-66.41	-63.76	-64.96	-64.97	-76.33

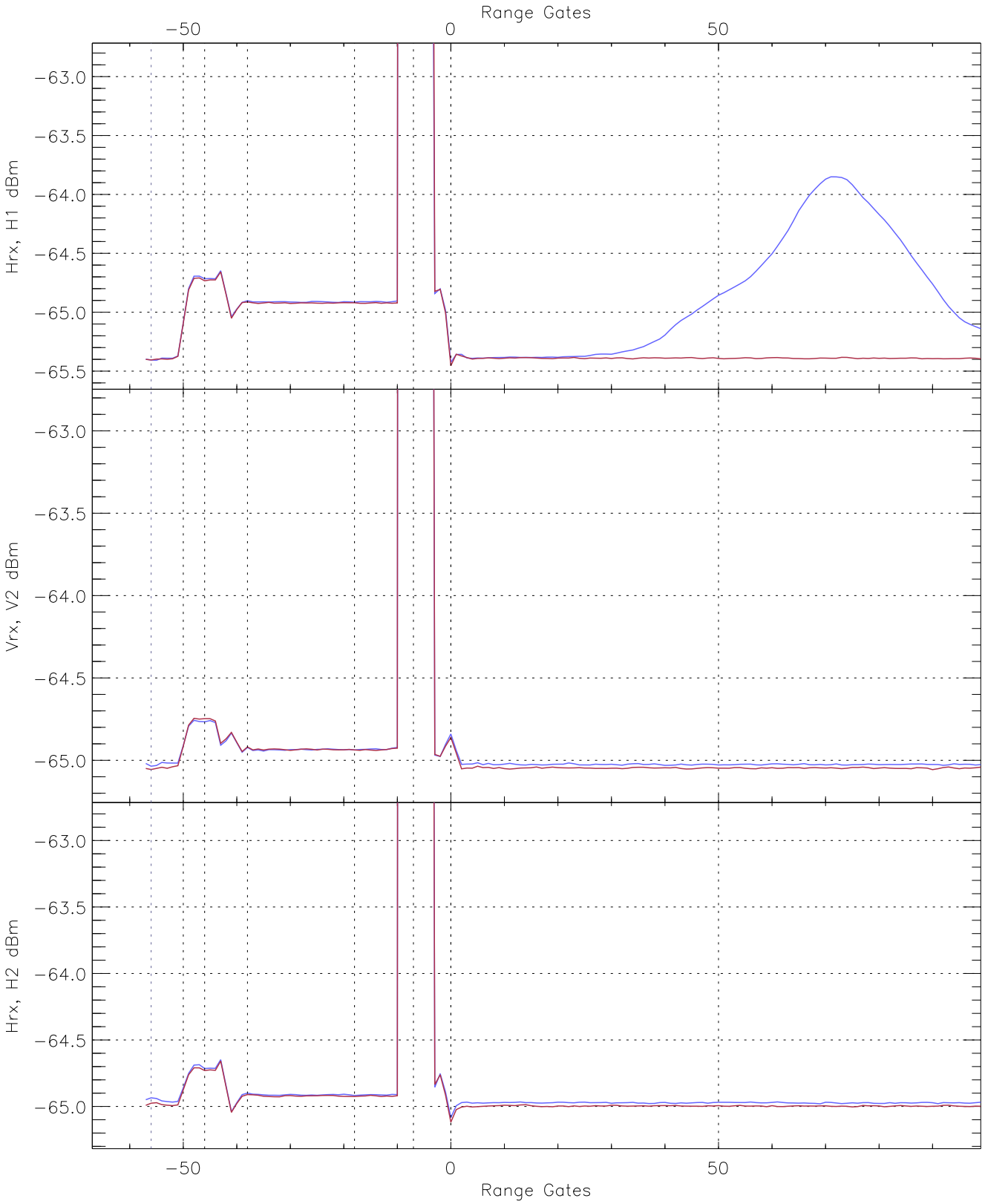


WCR3 CPP "Best" estimate Receivers Noise Power

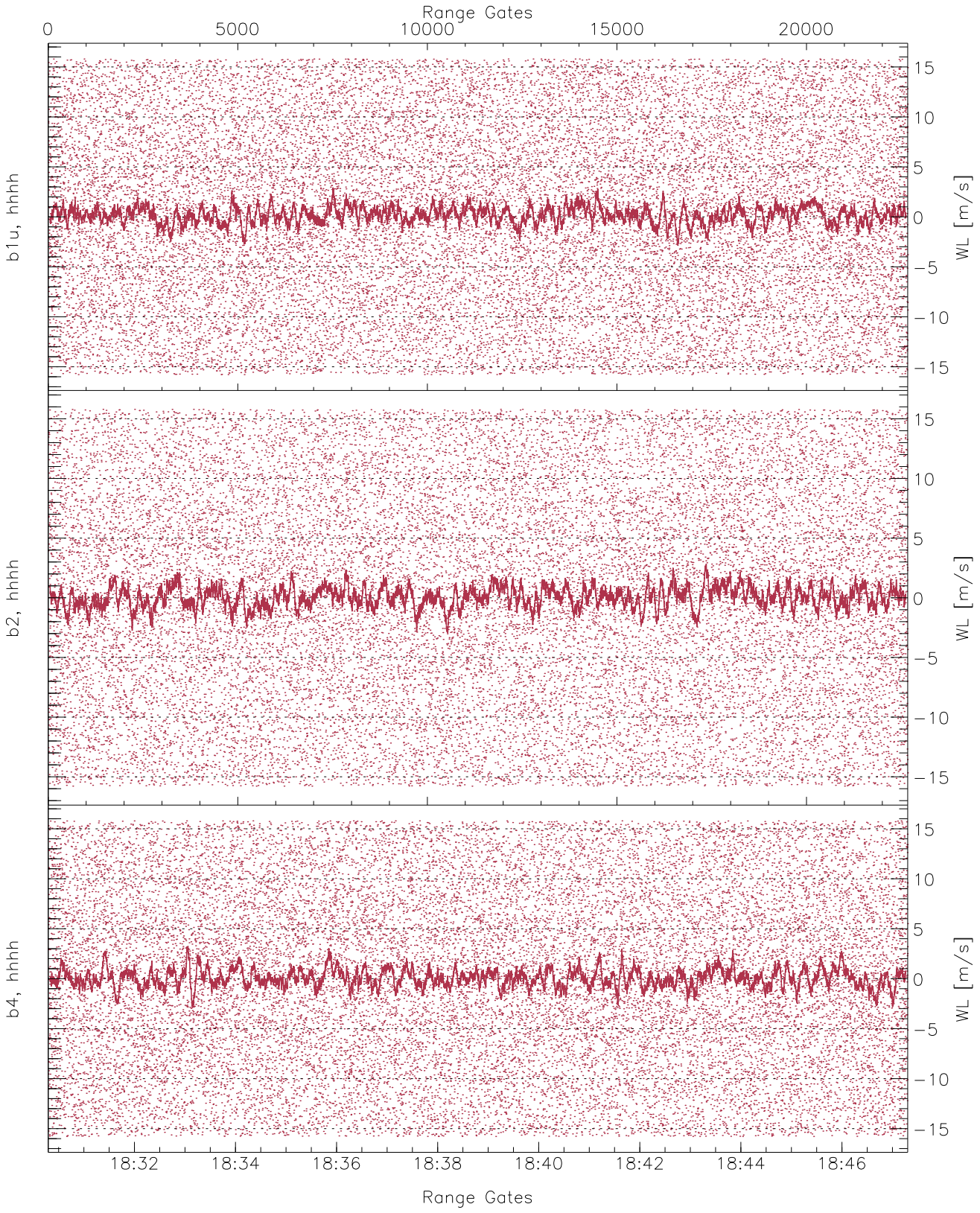
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.59	-64.22	-65.41	-65.42	-76.92
V2RG135_0 [dBm]	-66.25	-63.78	-65.05	-65.05	-76.53
H2RG81_0 [dBm]	-66.37	-63.87	-64.99	-65.00	-76.50



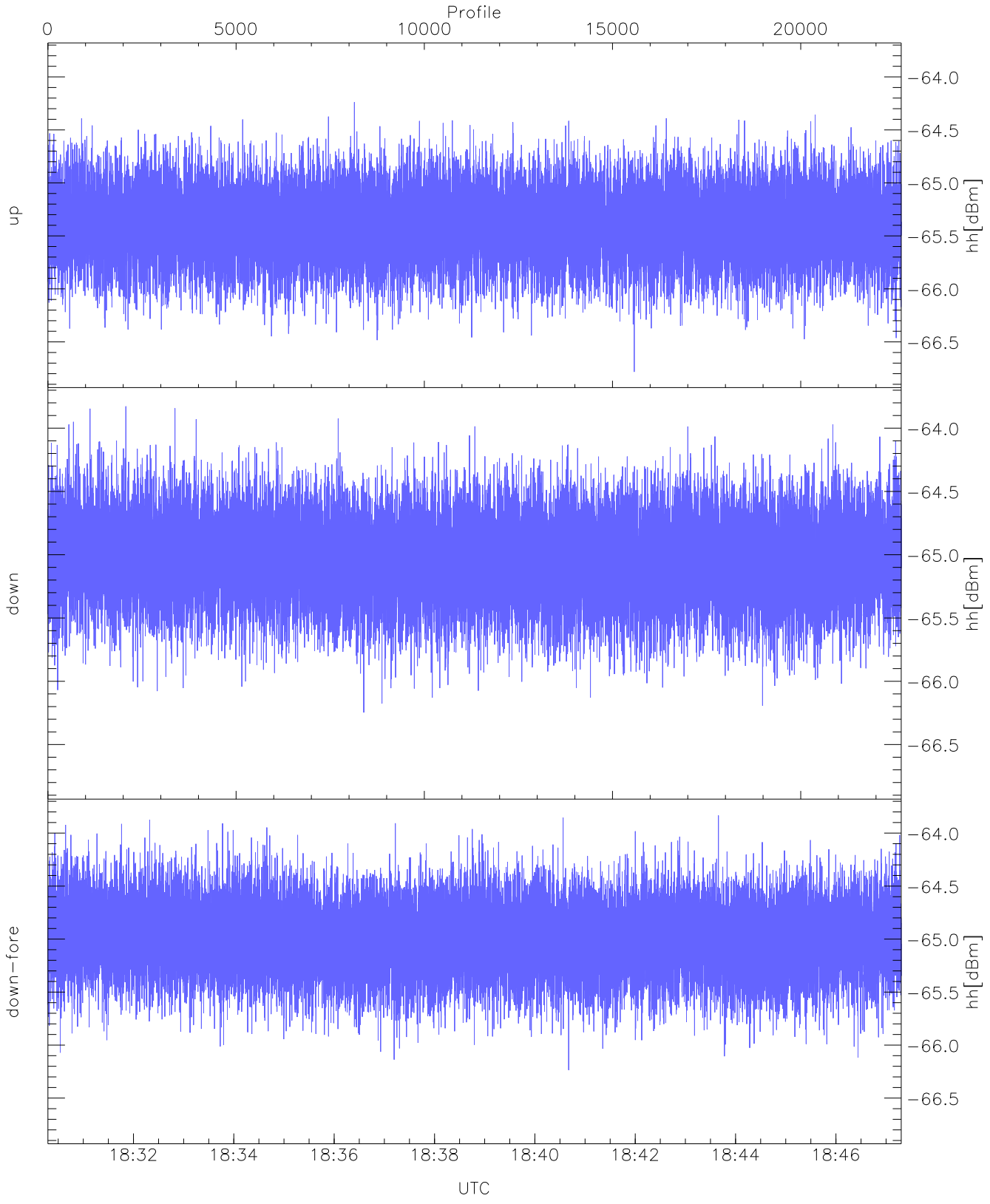
WCR3 CPP Averaged Received power for all recorded gates
blue: 183018-183848, 11337 profiles averaged
red: 183848-184718, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 183018-183848, 11337 profiles averaged
red: 183848-184718, 11336 profiles averaged

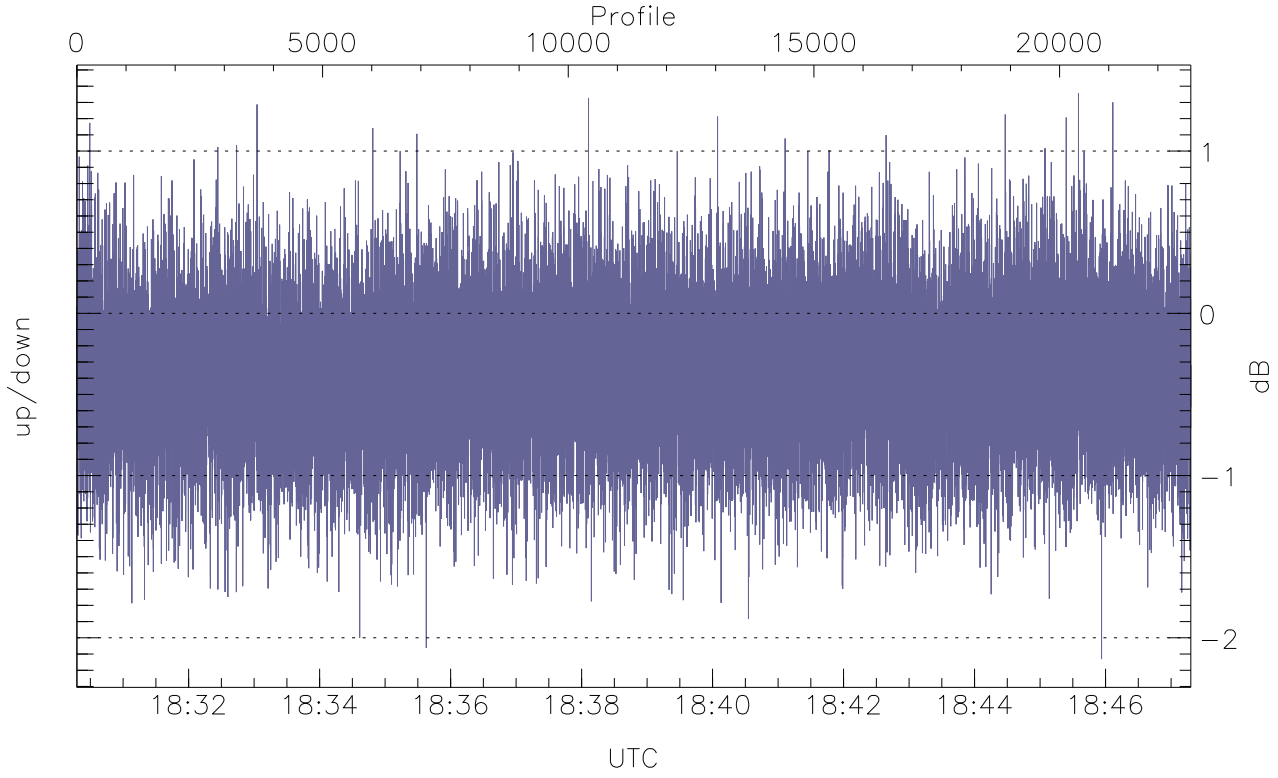


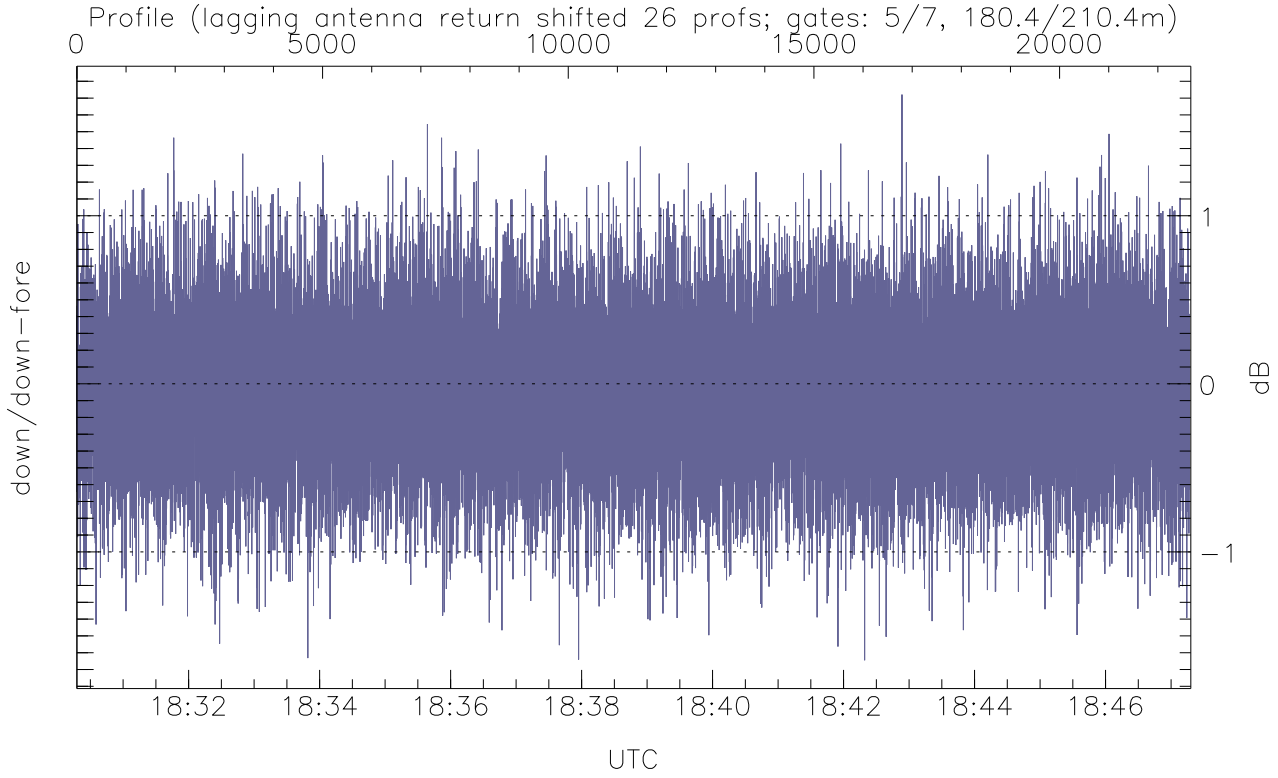
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

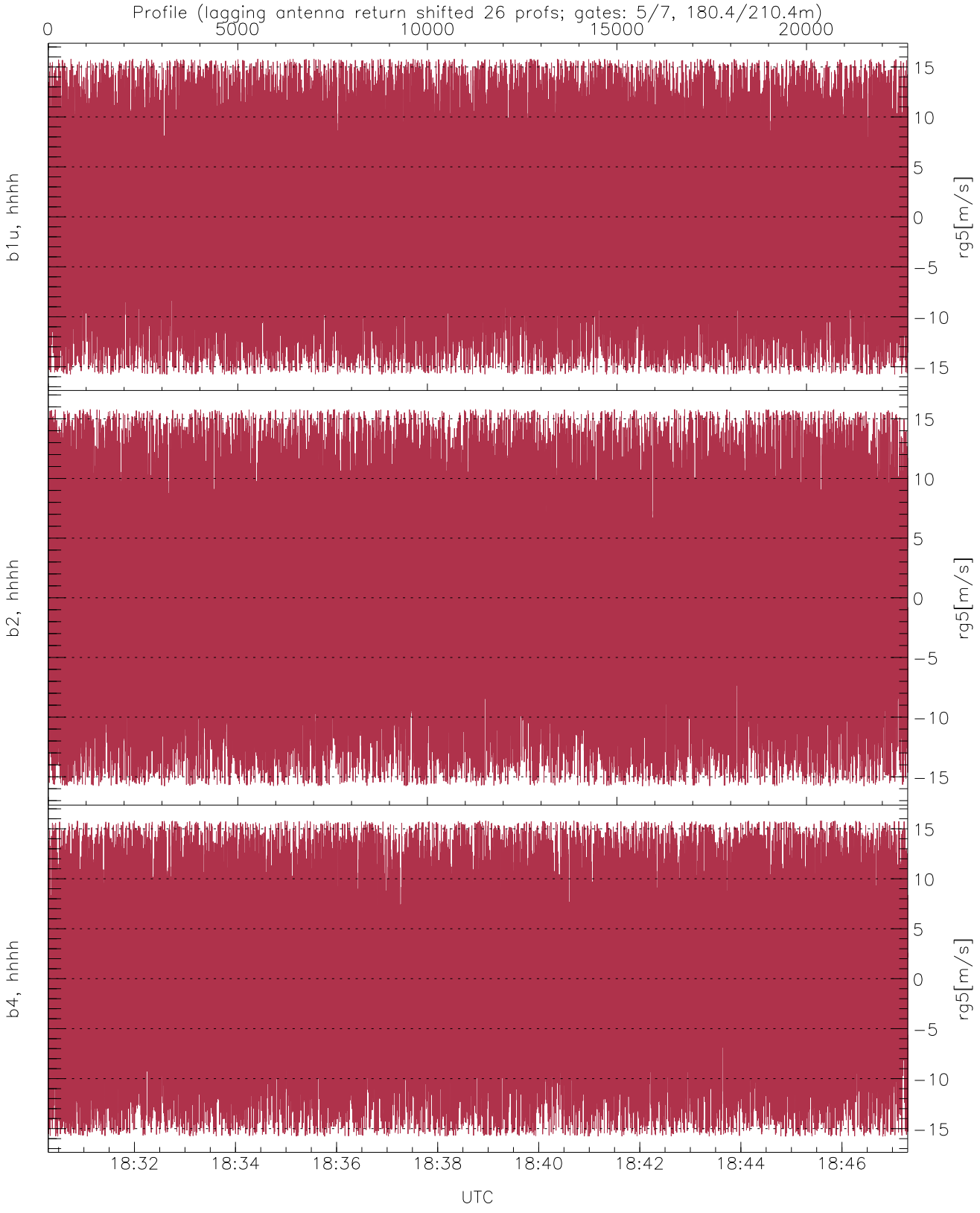
	Min	Max	Mean
up(hh[dBm])	-66.78	-64.24	-65.39
down(hh[dBm])	-66.25	-63.83	-65.03
down-fore(hh[dBm])	-66.24	-63.83	-64.99





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

	Min	Max	Mean
up/down(dB)	-2.13	1.36	-0.37
down/down-fore(dB)	-1.64	1.72	-0.04



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	8.64
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.00	8.66
b4, hhhh(rg5[m/s])	-15.78	15.79	0.05	8.66