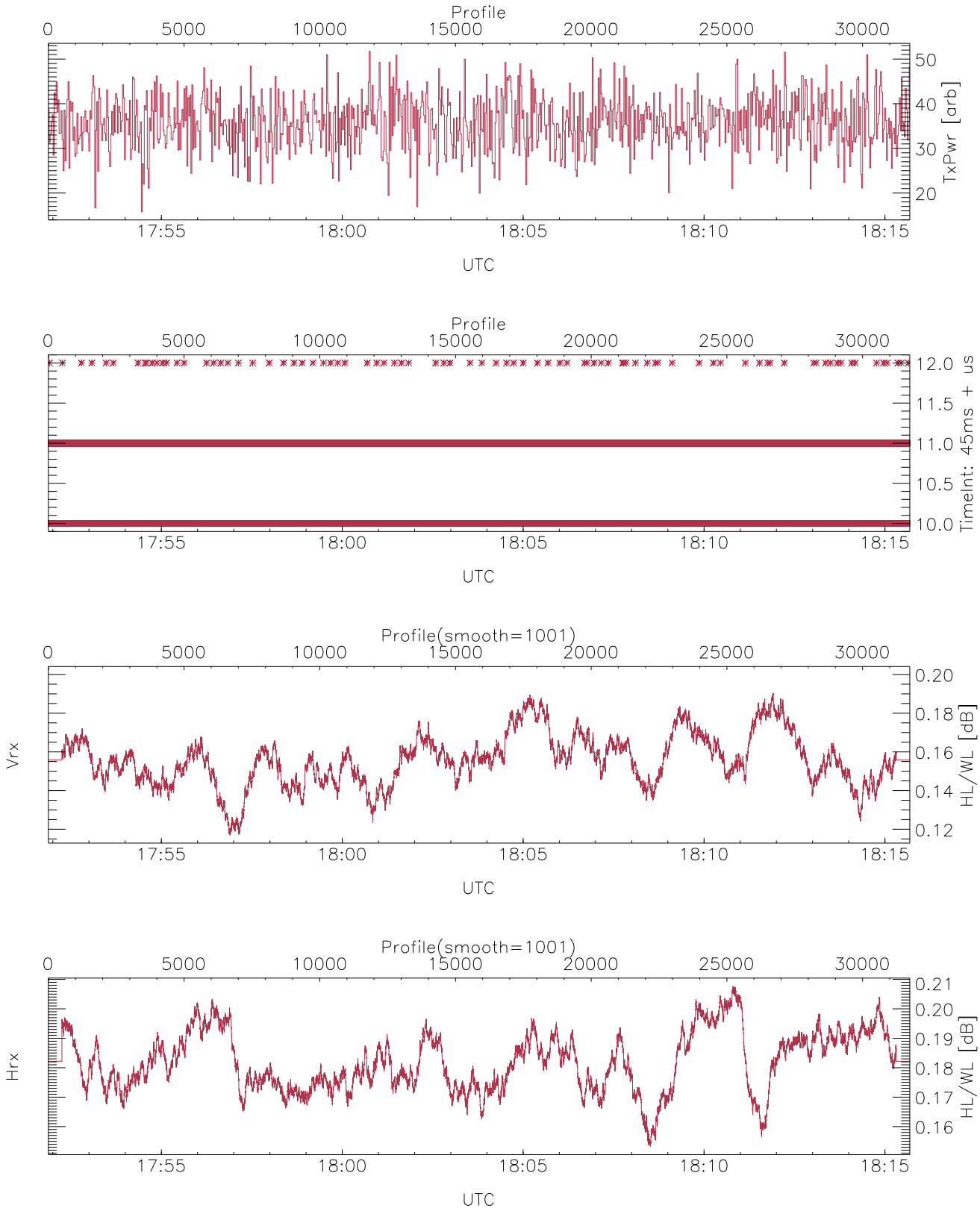
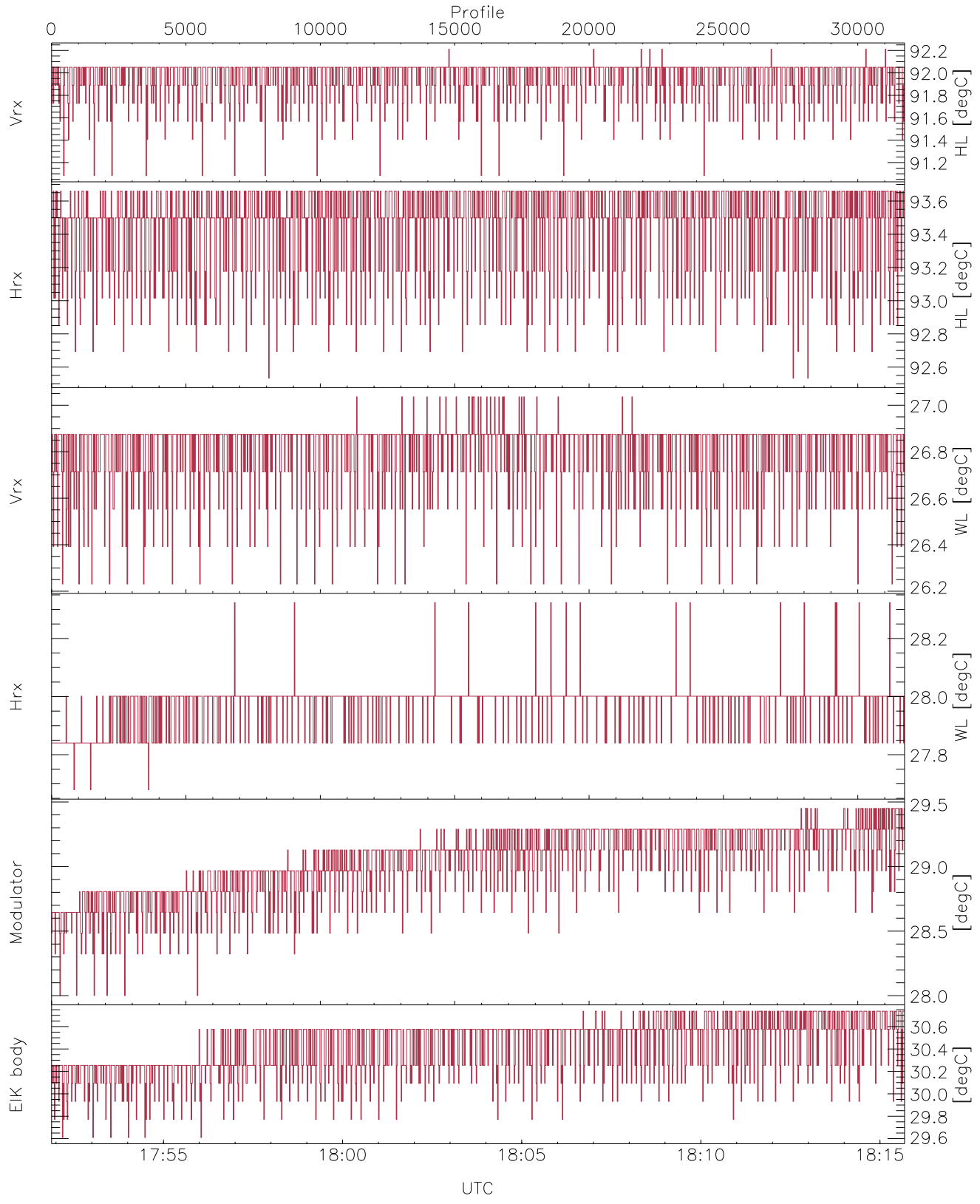


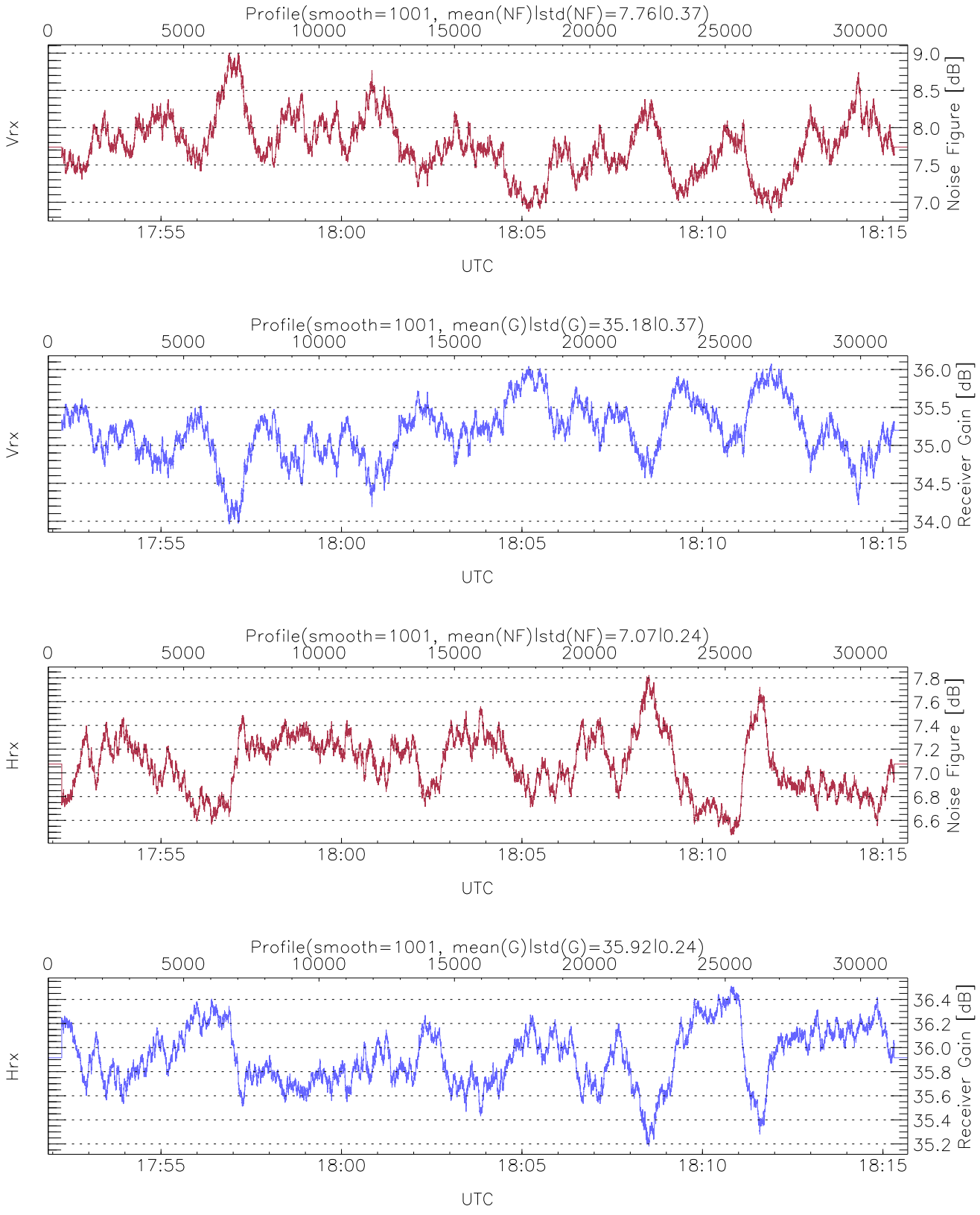
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:51:53-18:15:41, TimeCor: 0.00s, Dur: 1428.66s
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): 31741/31741, 0-31740/17:51:53-18:15:41
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): 91



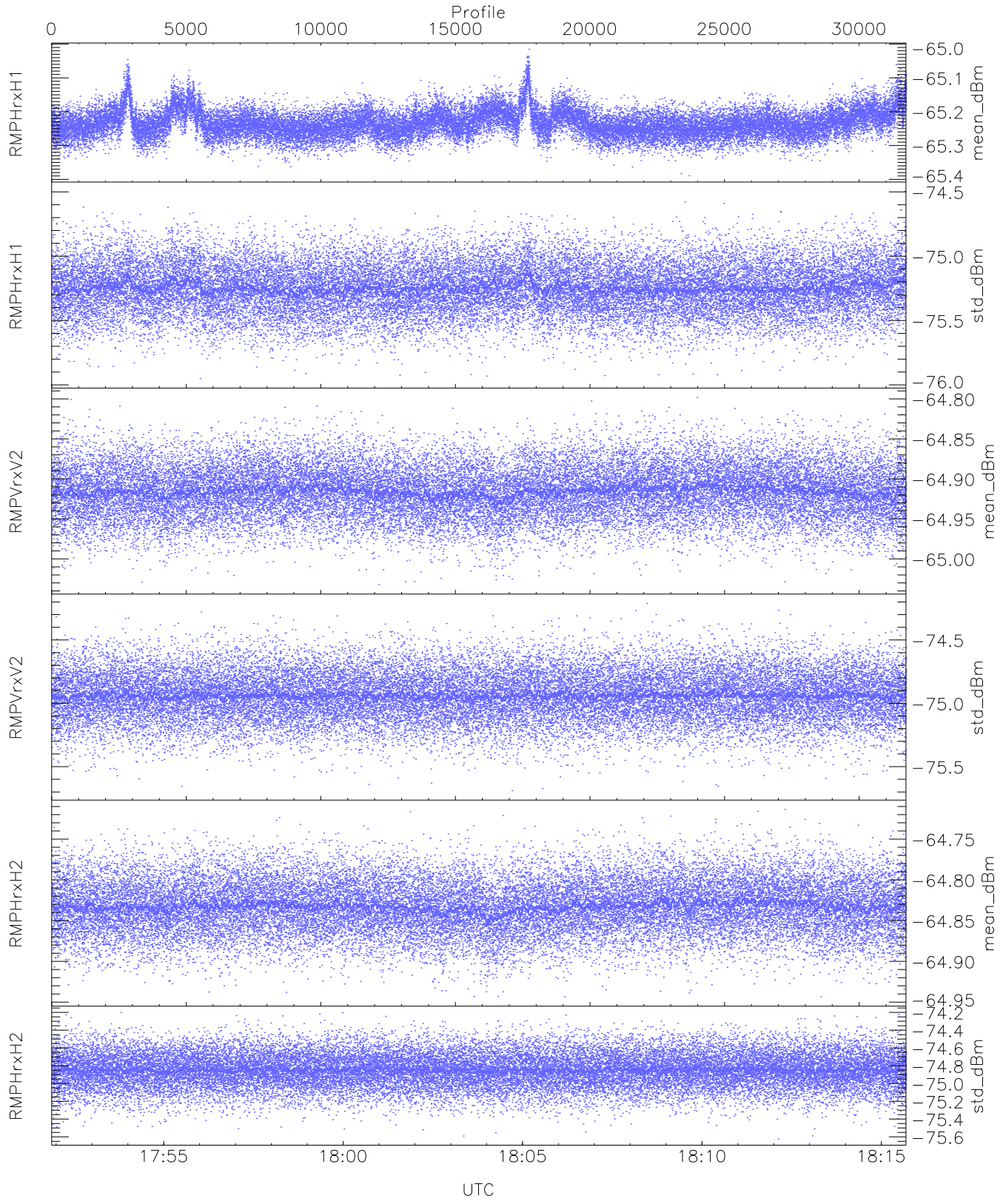
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,26,27,28,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,28,29,30
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS (68,68,68,24,68,68,68)



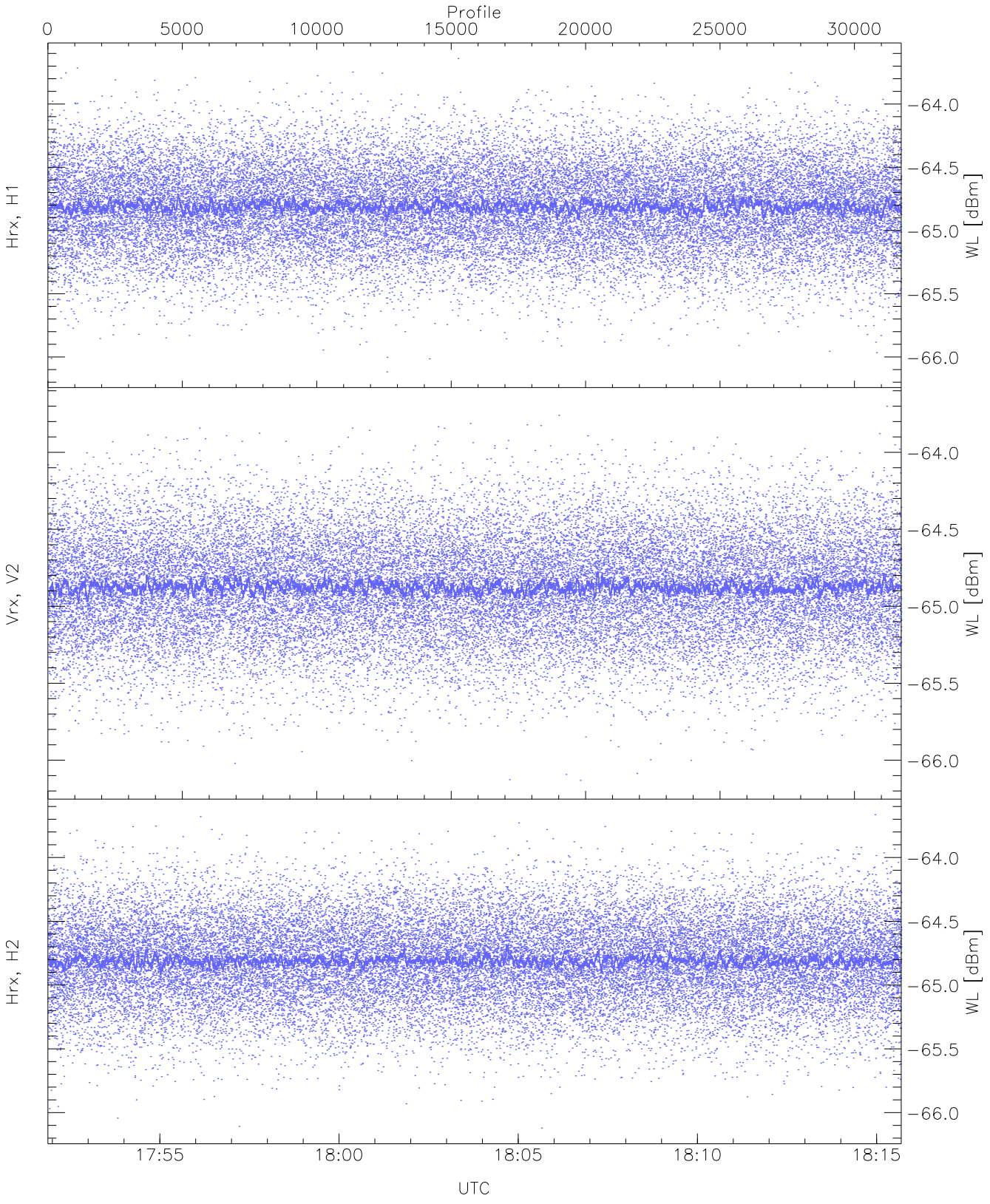
WCR3 CPP Receivers Gain and Noise Figure

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



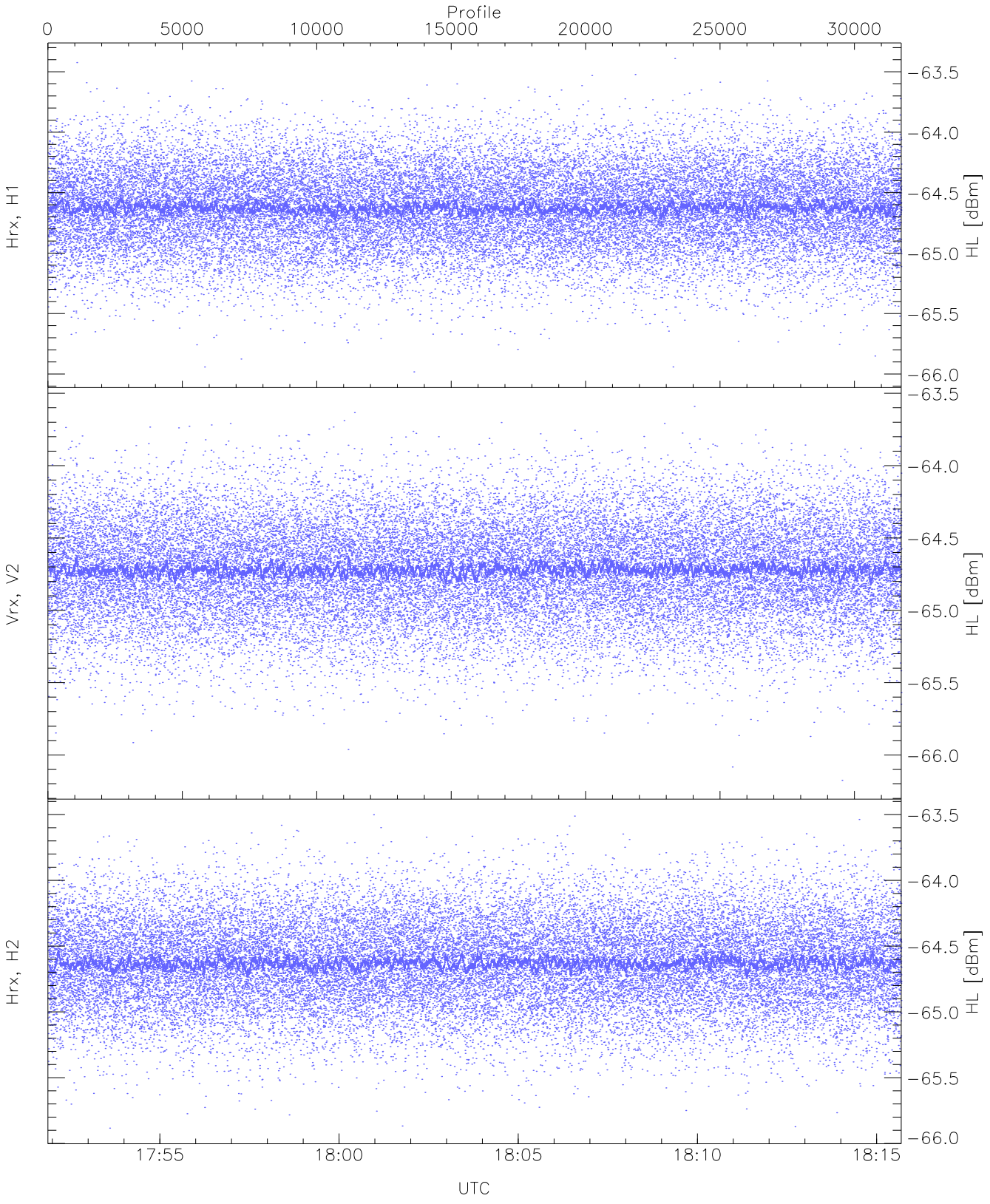
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.39	-65.02	-65.23	-65.24	-85.67
RMPHrxH1(std_dBm)	-75.95	-74.50	-75.25	-75.25	-88.99
RMPVrxV2(mean_dBm)	-65.03	-64.80	-64.92	-64.92	-86.47
RMPVrxV2(std_dBm)	-75.69	-74.21	-74.94	-74.94	-88.73
RMPHrxH2(mean_dBm)	-64.94	-64.71	-64.83	-64.83	-86.39
RMPHrxH2(std_dBm)	-75.62	-74.20	-74.85	-74.85	-88.65



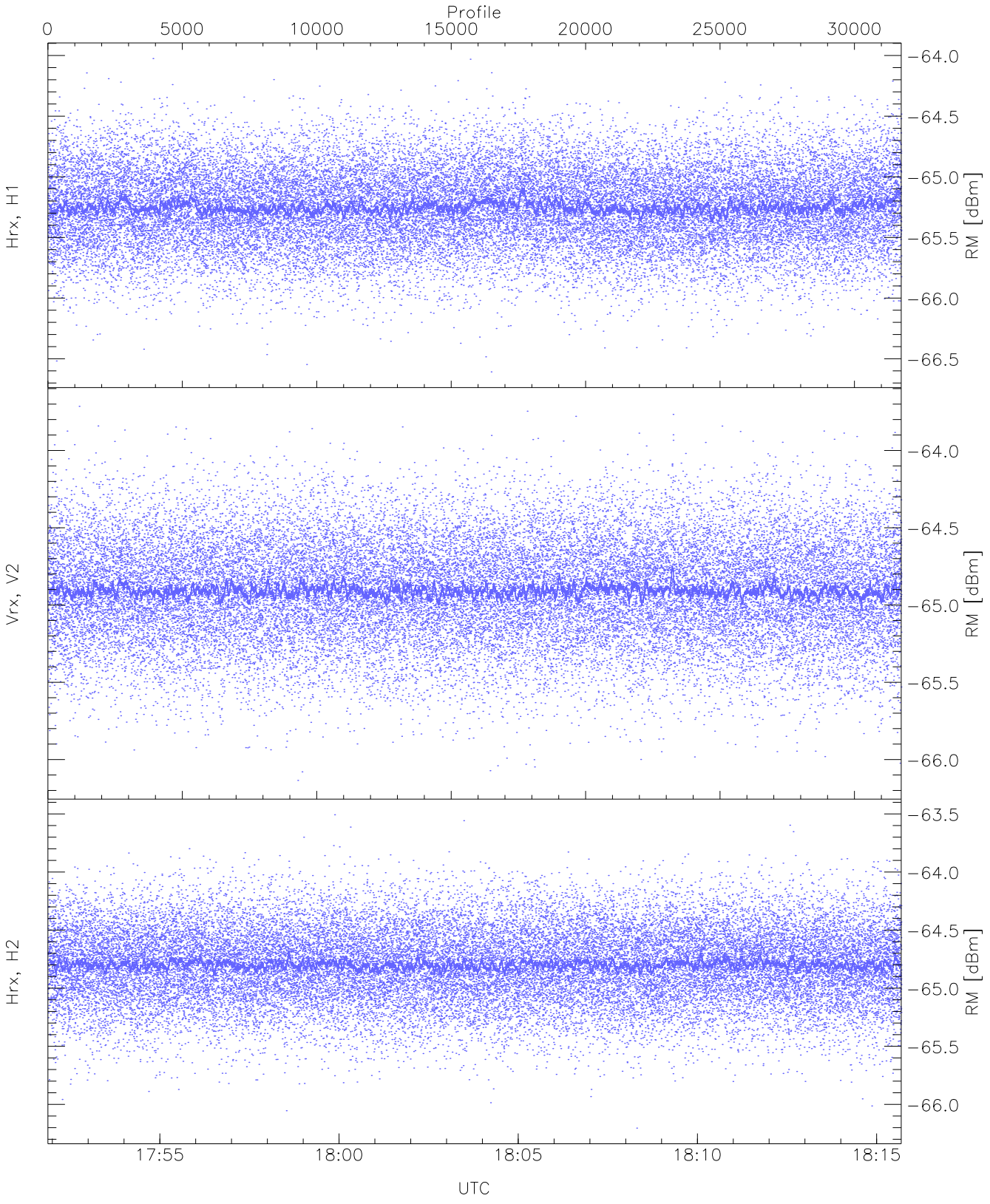
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.12	-63.64	-64.80	-64.81	-76.32
Vrx, V2(WL [dBm])	-66.13	-63.70	-64.87	-64.88	-76.39
Hrx, H2(WL [dBm])	-66.12	-63.67	-64.80	-64.81	-76.31



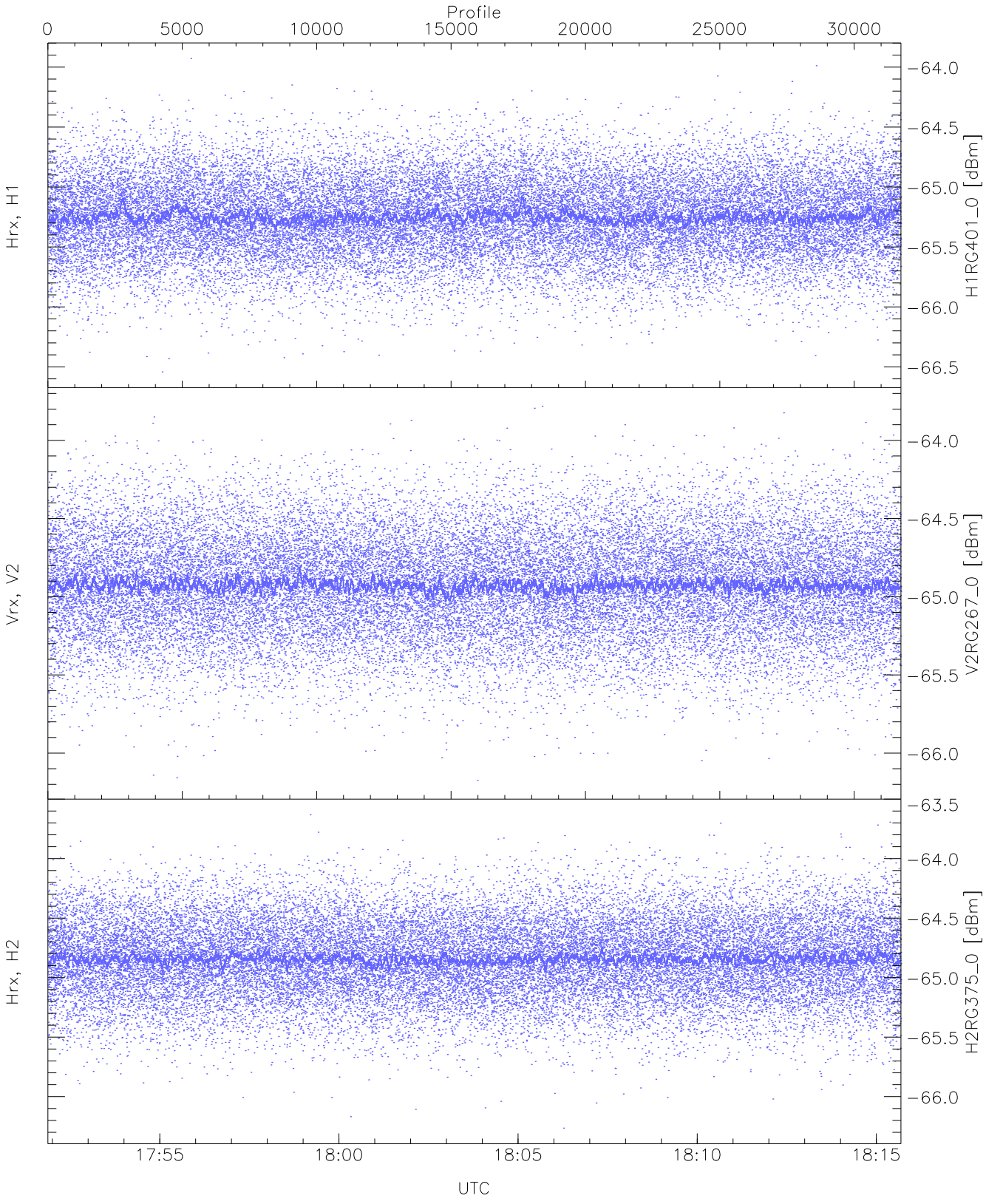
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.98	-63.39	-64.62	-64.62	-76.12
Vrx, V2(HL [dBm])	-66.18	-63.59	-64.71	-64.72	-76.21
Hrx, H2(HL [dBm])	-65.88	-63.50	-64.62	-64.63	-76.16



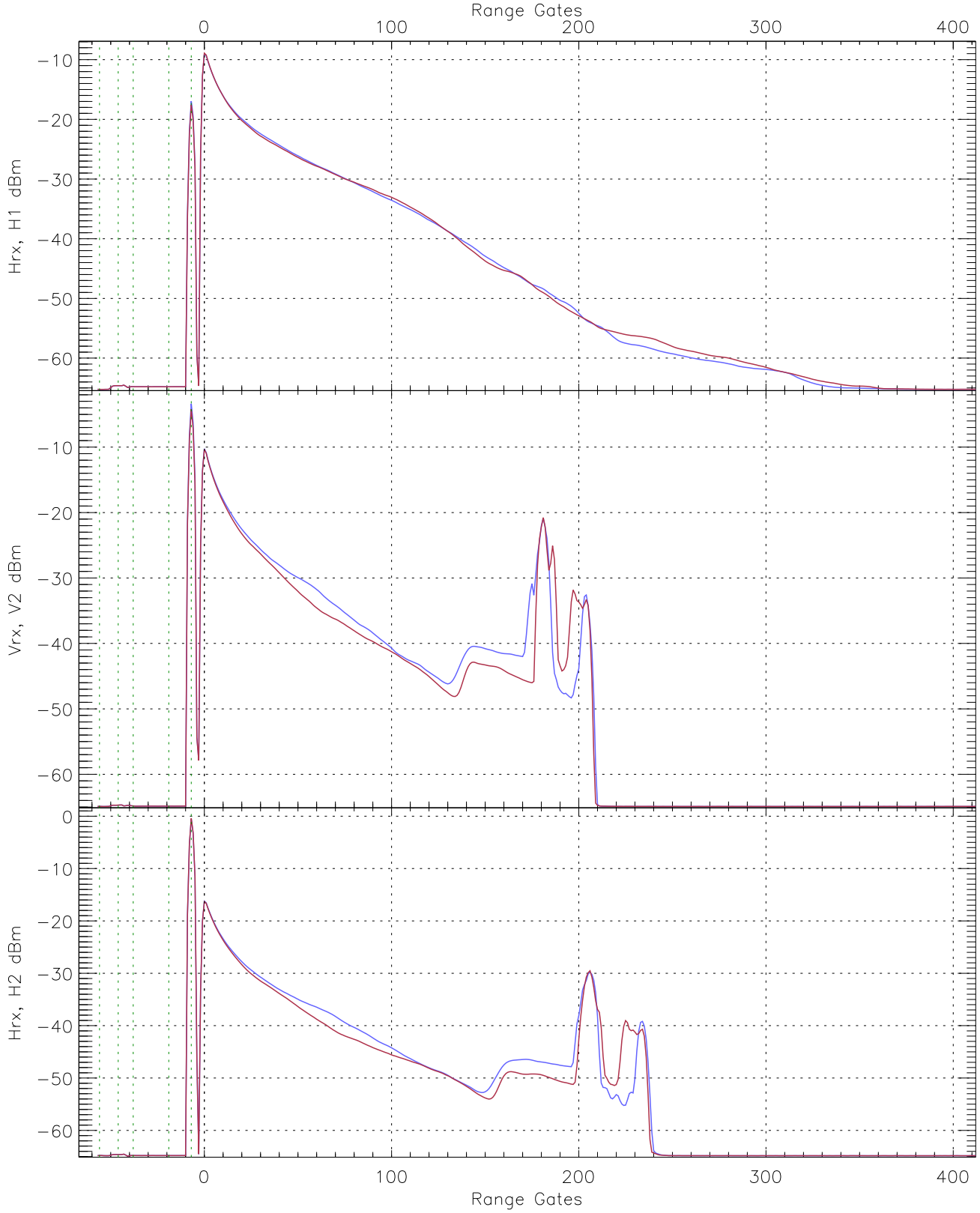
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.61	-64.03	-65.24	-65.25	-76.75
Vrx, V2(RM [dBm])	-66.14	-63.71	-64.90	-64.91	-76.40
Hrx, H2(RM [dBm])	-66.20	-63.51	-64.79	-64.80	-76.30

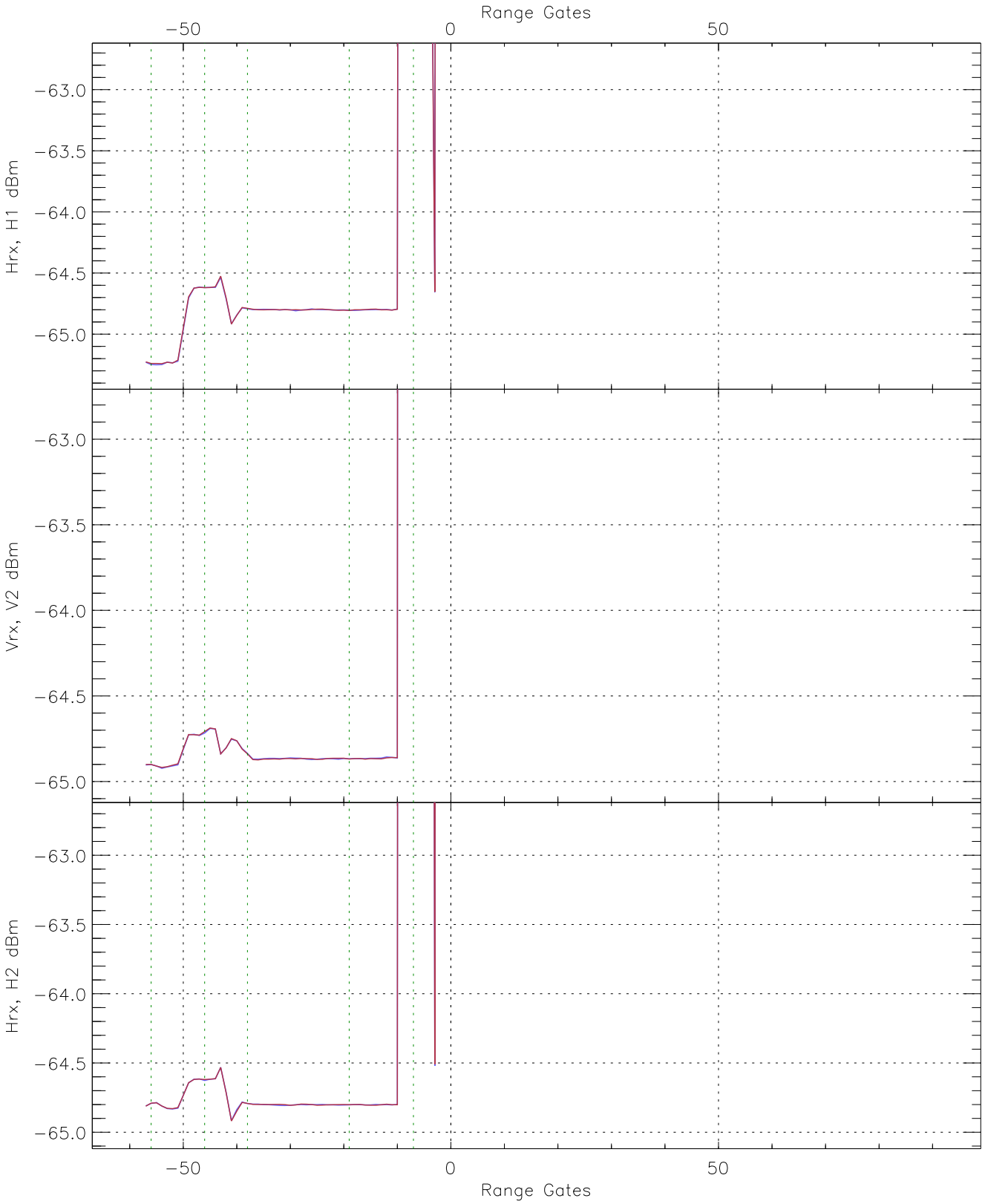


WCR3 CPP "Best" estimate Receivers Noise Power

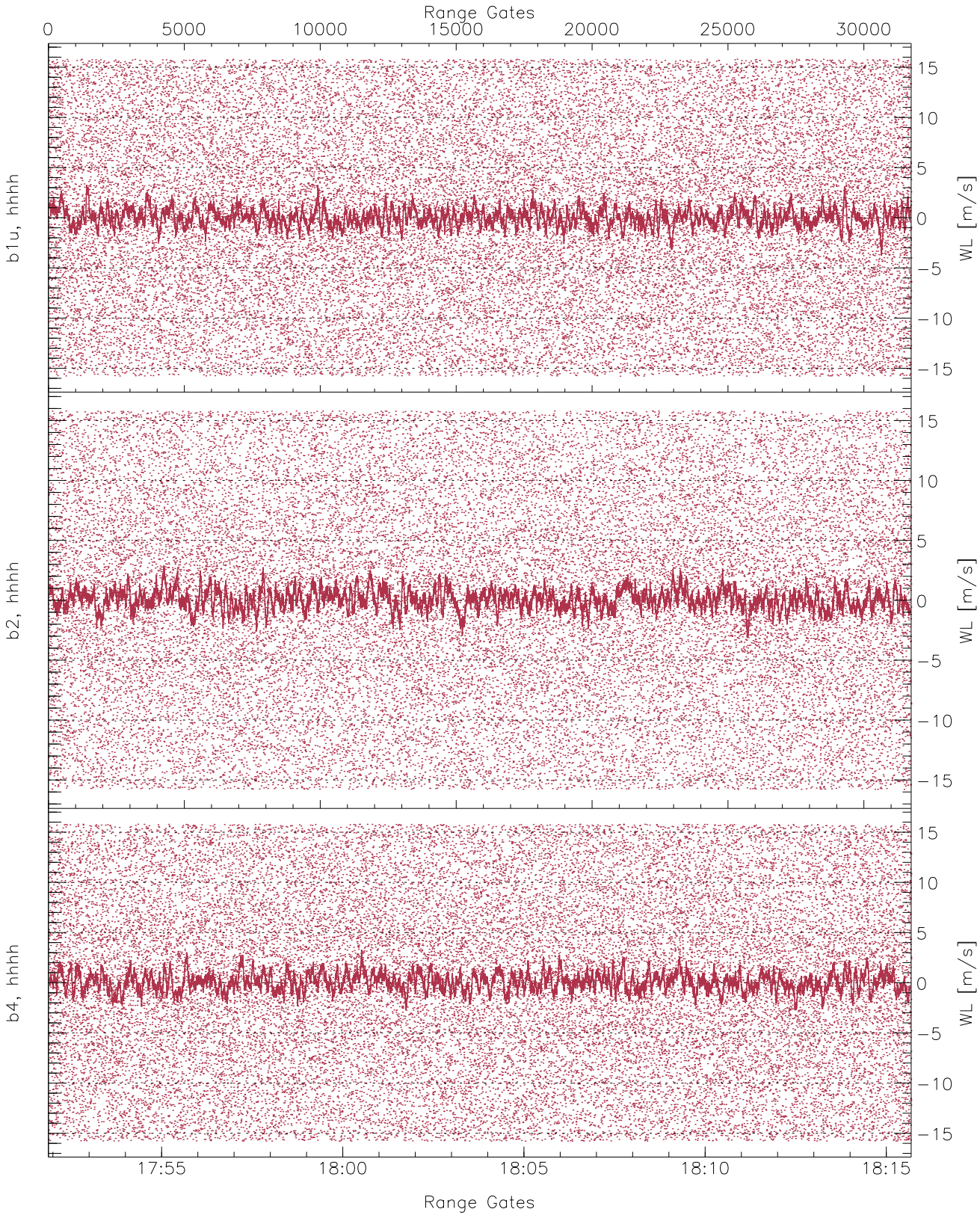
	Min	Max	Mean	Median	StDev
H1RG401_0 [dBm]	-66.54	-63.93	-65.24	-65.25	-76.71
V2RG267_0 [dBm]	-66.17	-63.78	-64.92	-64.93	-76.47
H2RG375_0 [dBm]	-66.26	-63.63	-64.84	-64.85	-76.33



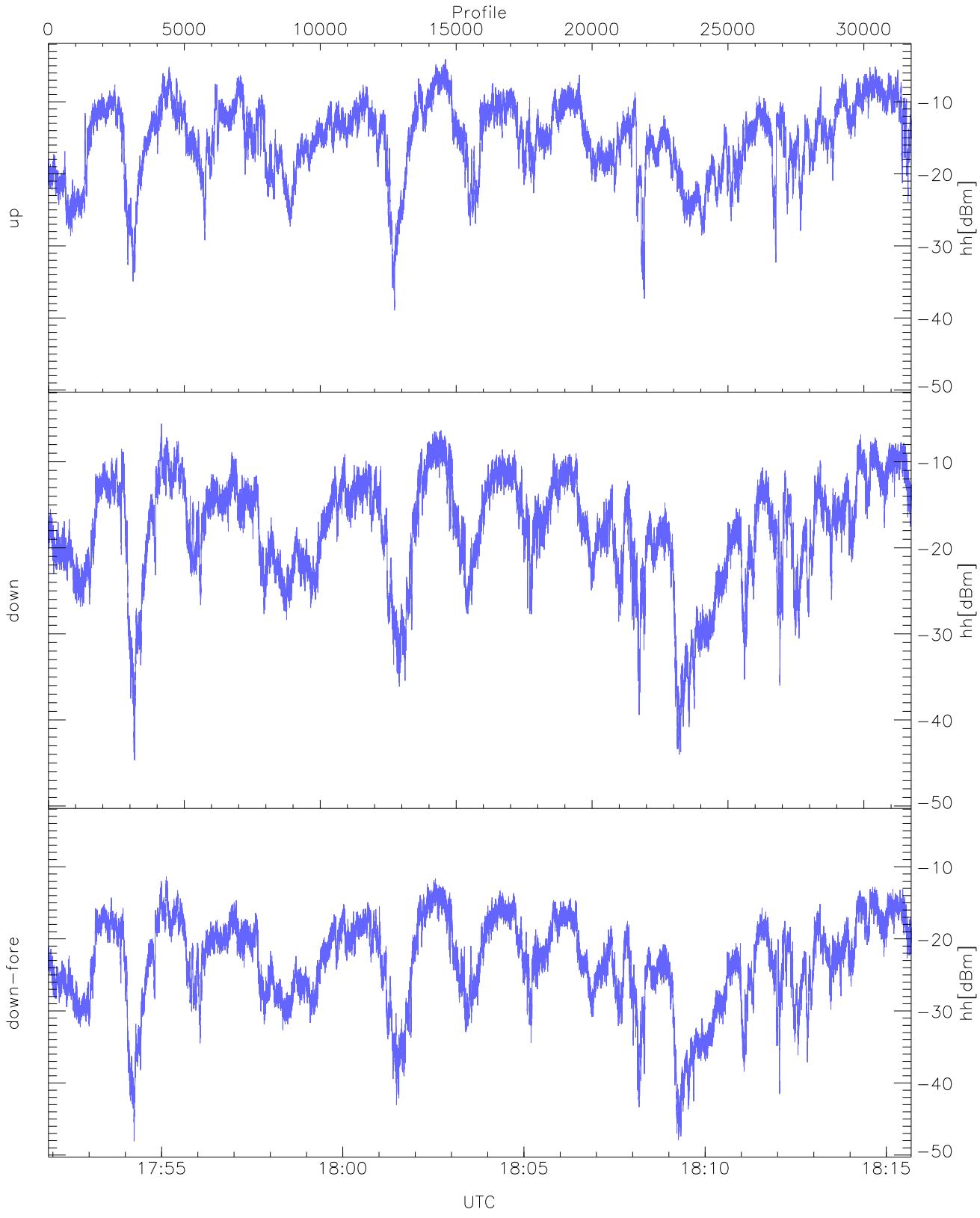
WCR3 CPP Averaged Received power for all recorded gates
blue: 175153-180347, 15871 profiles averaged
red: 180347-181541, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 175153-180347, 15871 profiles averaged
red: 180347-181541, 15871 profiles averaged

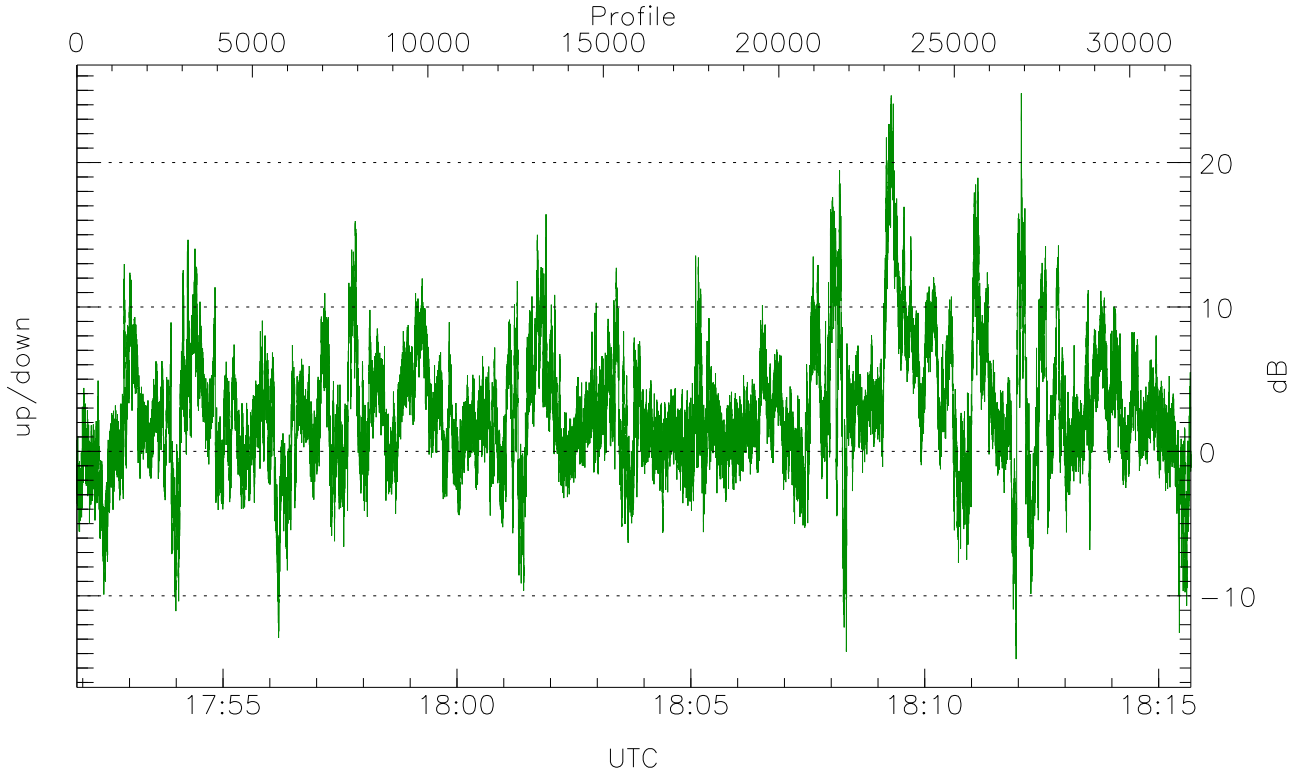


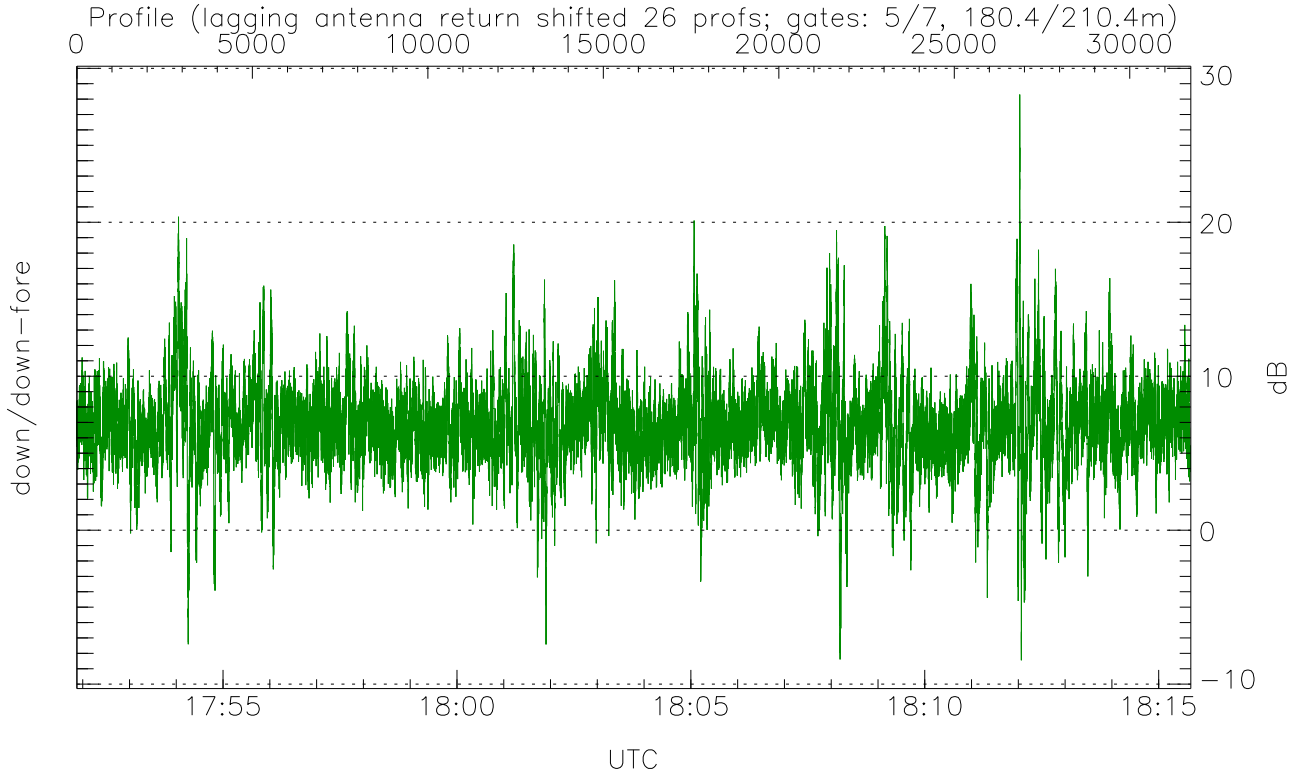
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

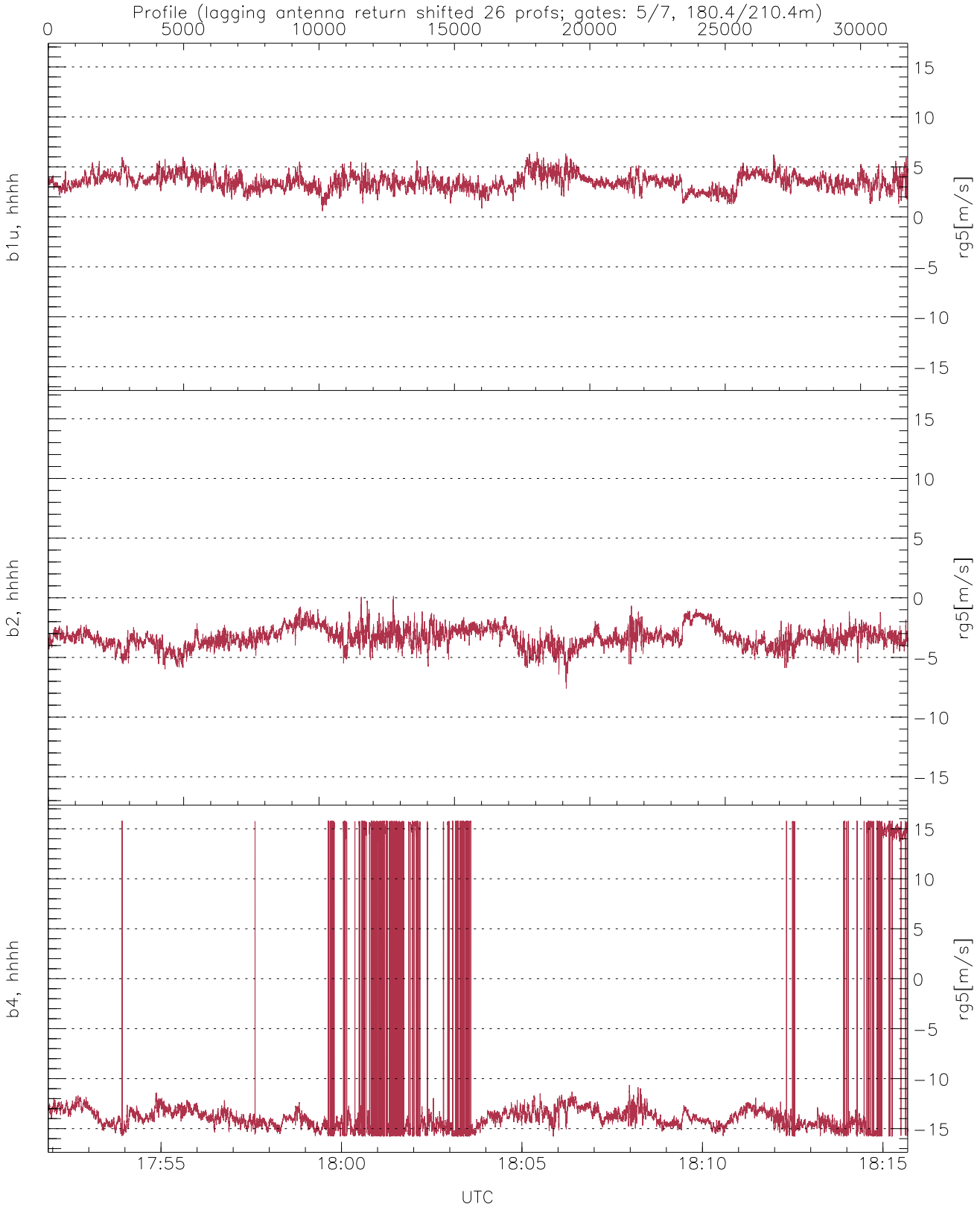
	Min	Max	Mean
up(hh[dBm])	-38.93	-4.10	-12.92
down(hh[dBm])	-44.68	-5.58	-14.80
down-fore(hh[dBm])	-48.08	-11.38	-20.25





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

	Min	Max	Mean
up/down(dB)	-14.38	24.79	2.68
down/down-fore(dB)	-8.45	28.30	6.86



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.57	6.50	3.48	0.79
b2, hhhh(rg5[m/s])	-7.61	0.14	-3.33	0.84
b4, hhhh(rg5[m/s])	-15.79	15.79	-11.39	8.38