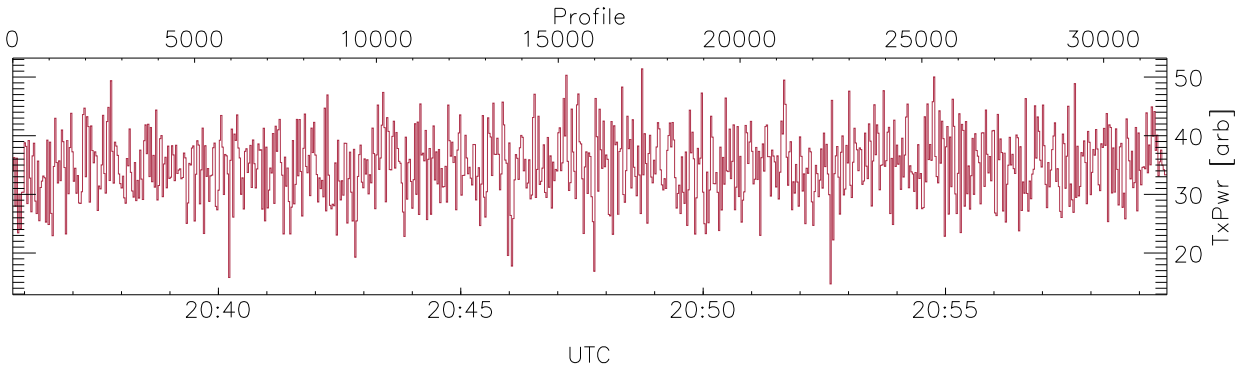
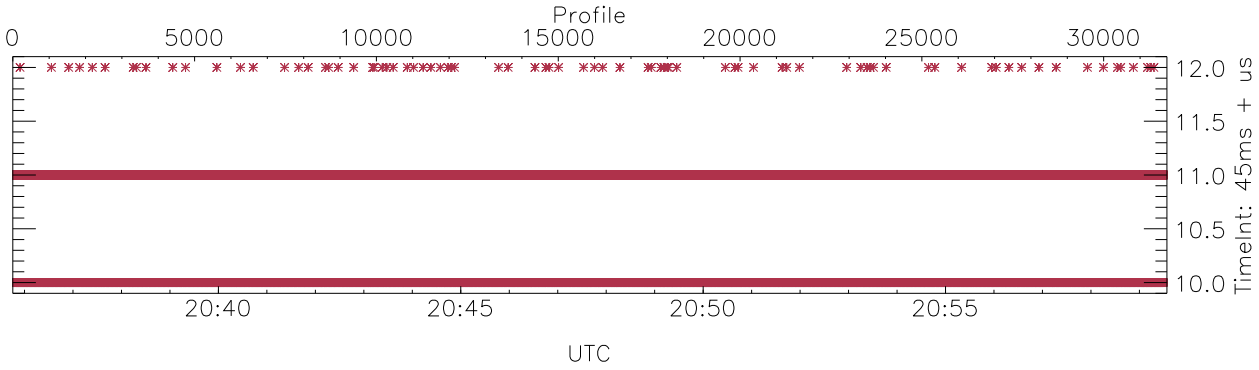
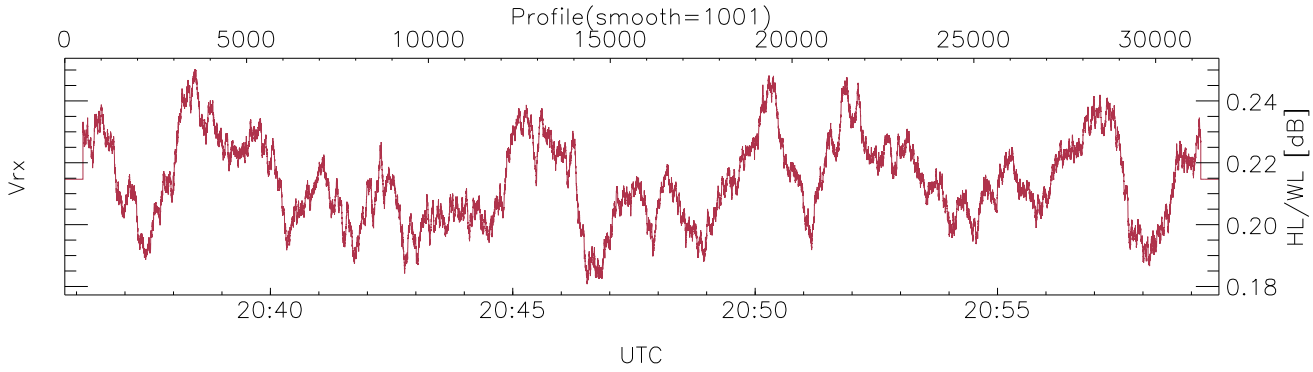
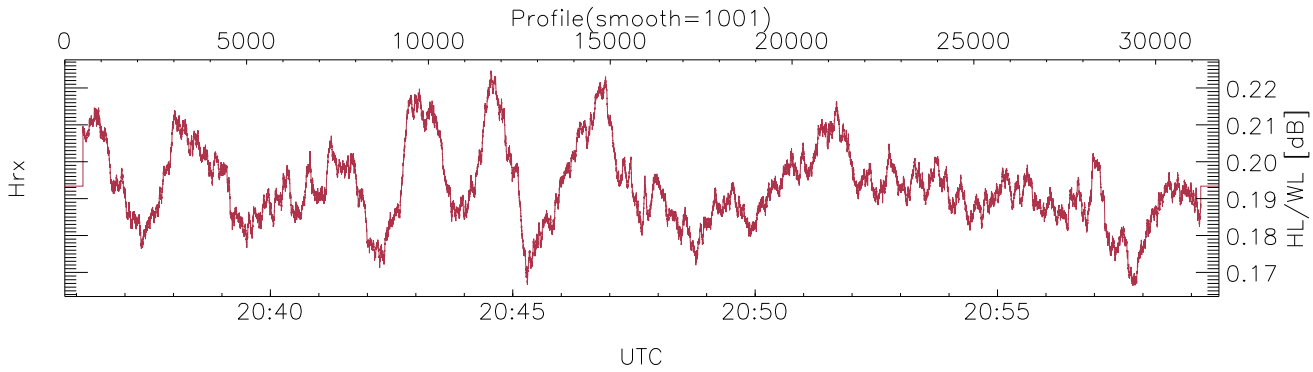


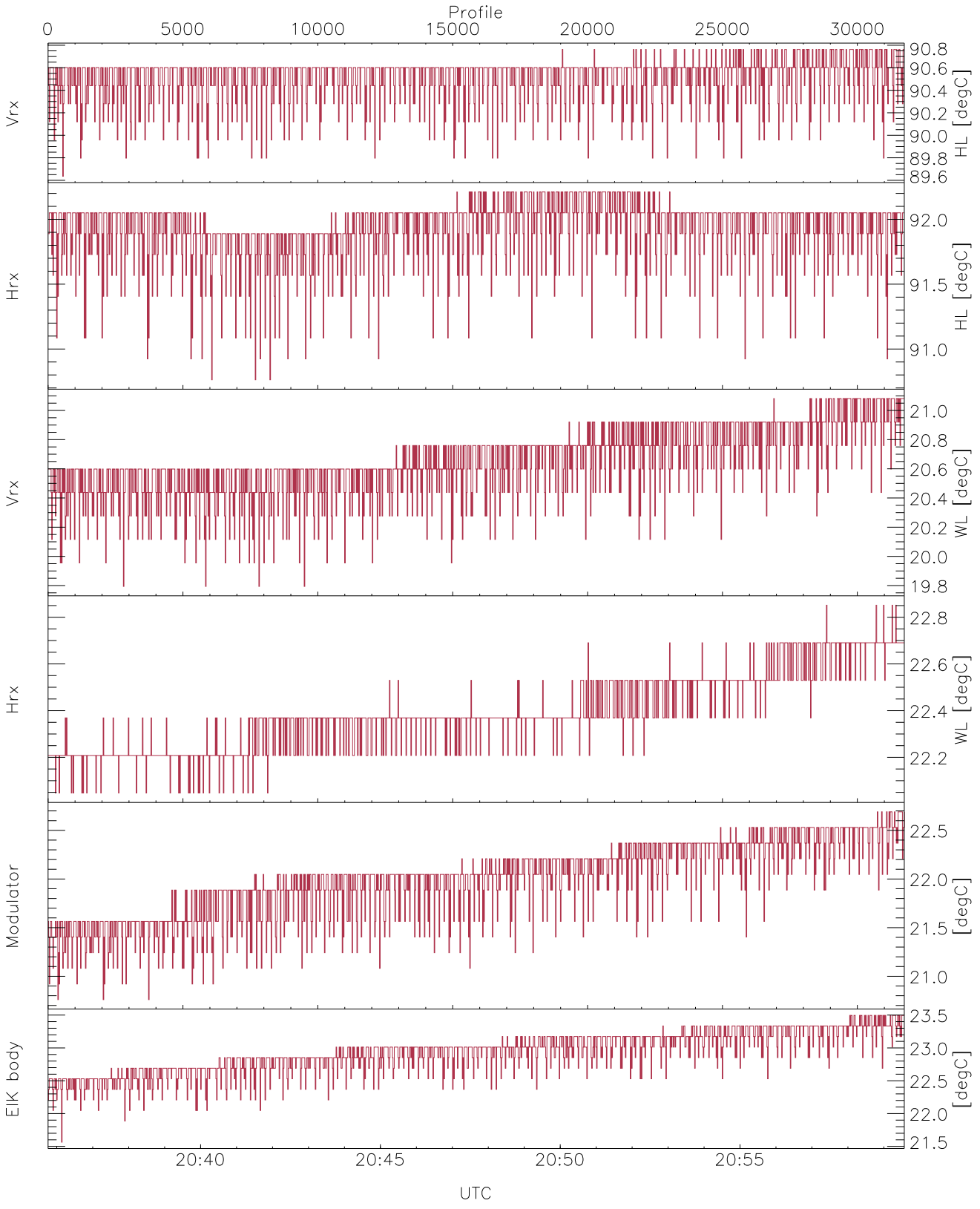






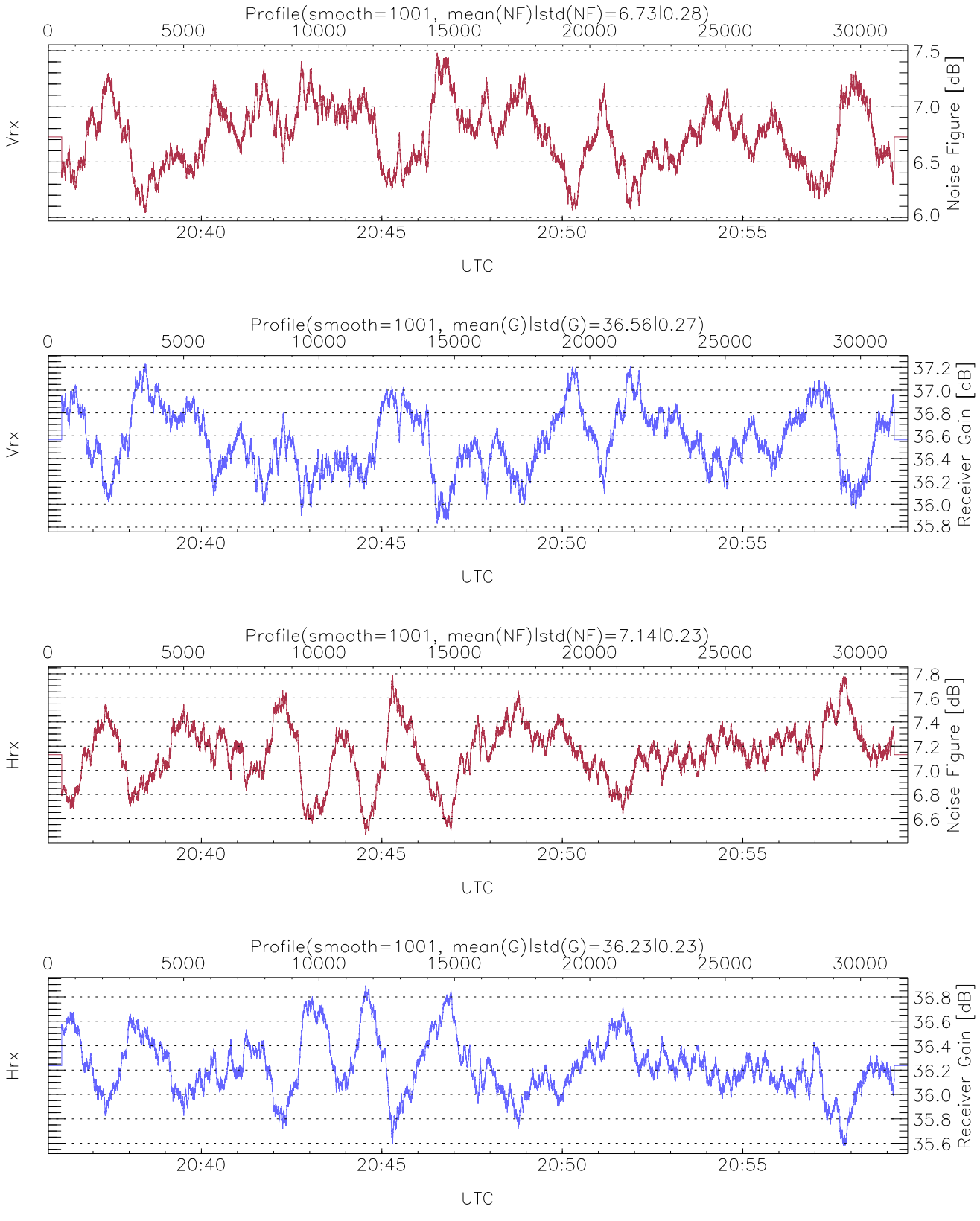
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:35:45-20:59:34, 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, 0-31740/20:35:45-20:59:34
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



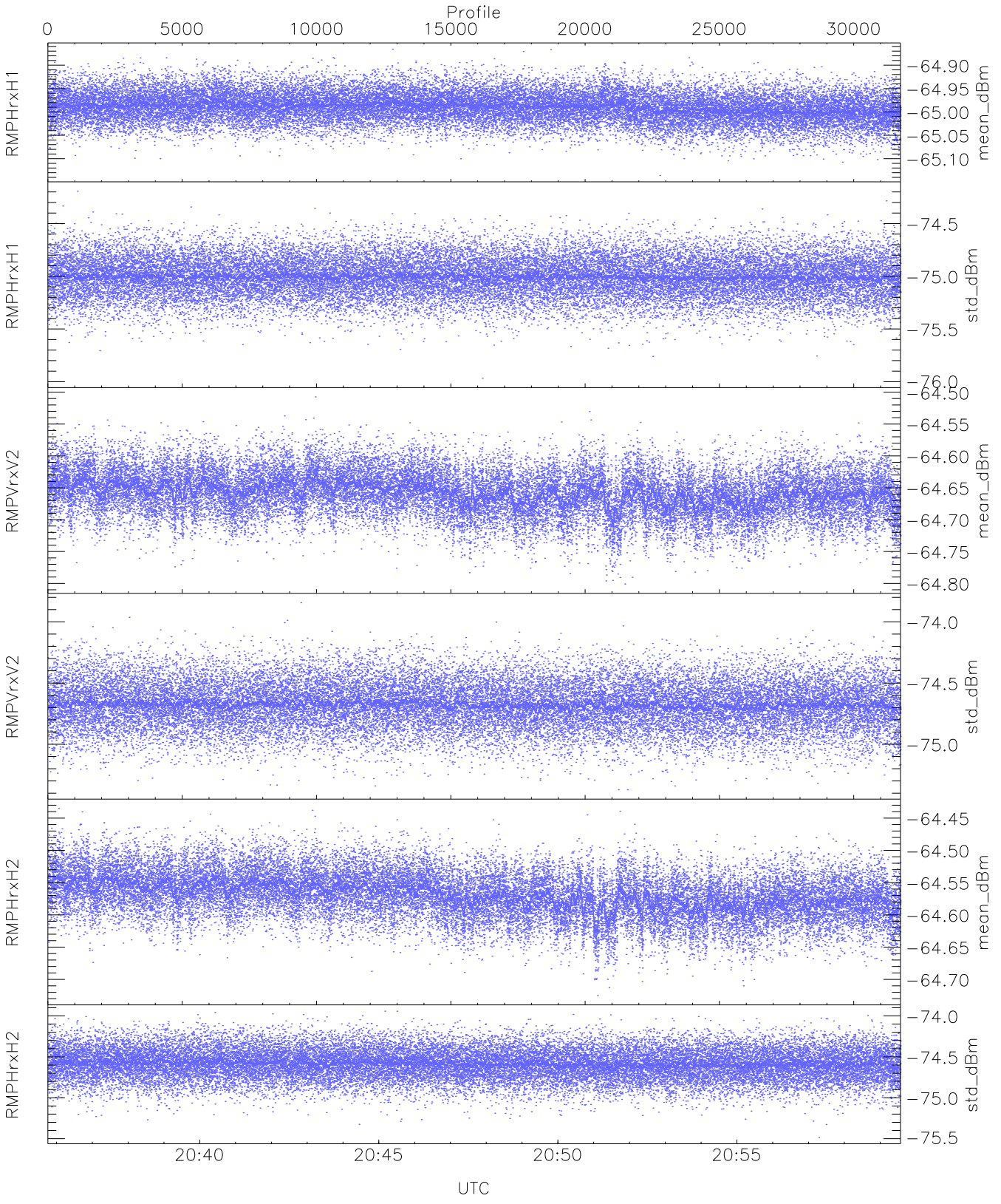
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,19,22,20,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,21,22,22,23
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (66,66,88,66,112,66,66,66)



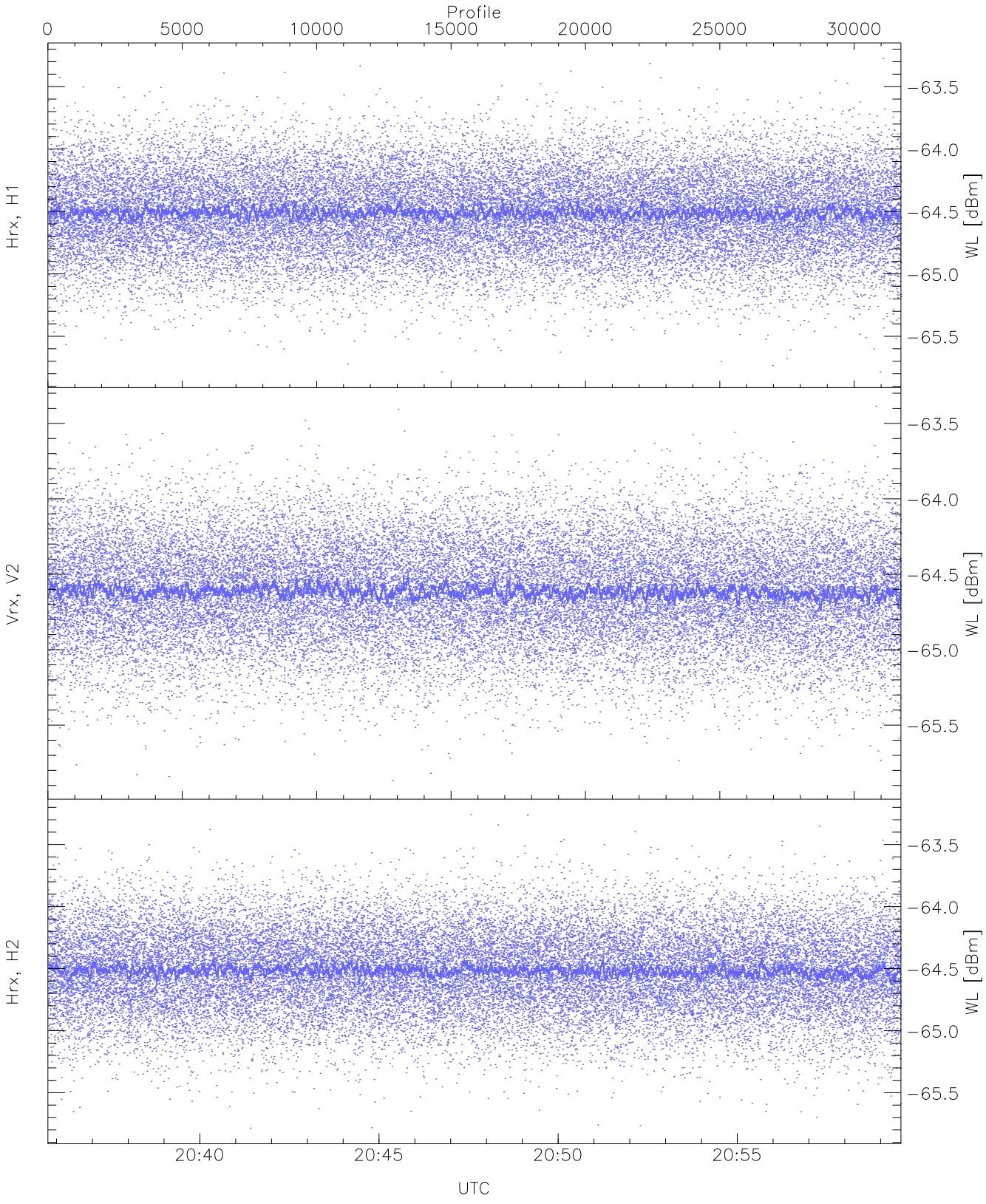
WCR3 CPP Receivers Gain and Noise Figure

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



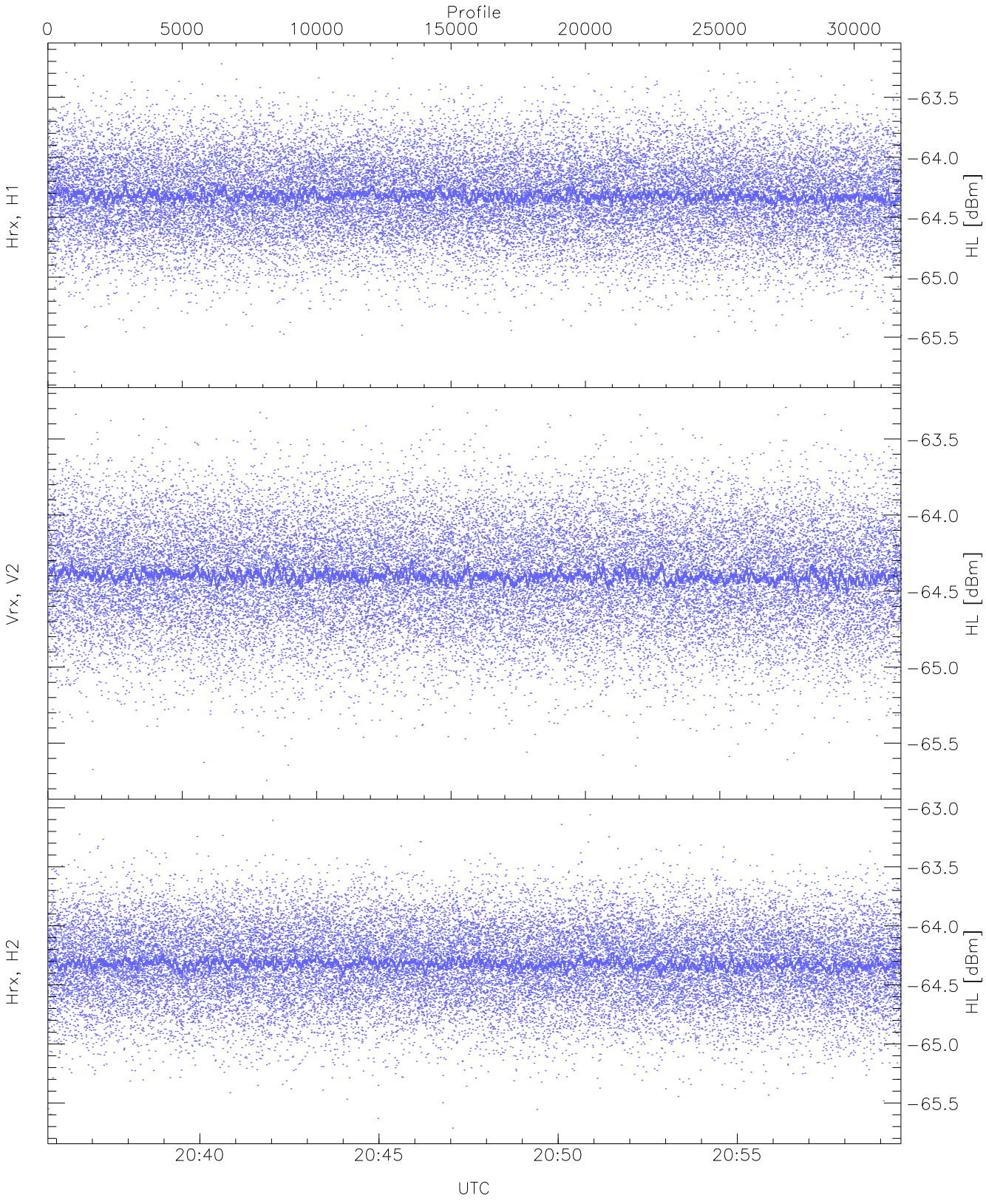
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.14	-64.87	-64.99	-64.99	-86.47
RMPHrxH1(std_dBm)	-75.97	-74.19	-75.00	-75.01	-88.80
RMPVrxV2(mean_dBm)	-64.80	-64.51	-64.66	-64.66	-85.68
RMPVrxV2(std_dBm)	-75.37	-73.84	-74.67	-74.68	-88.43
RMPHrxH2(mean_dBm)	-64.72	-64.44	-64.57	-64.57	-85.50
RMPHrxH2(std_dBm)	-75.49	-73.94	-74.58	-74.59	-88.39



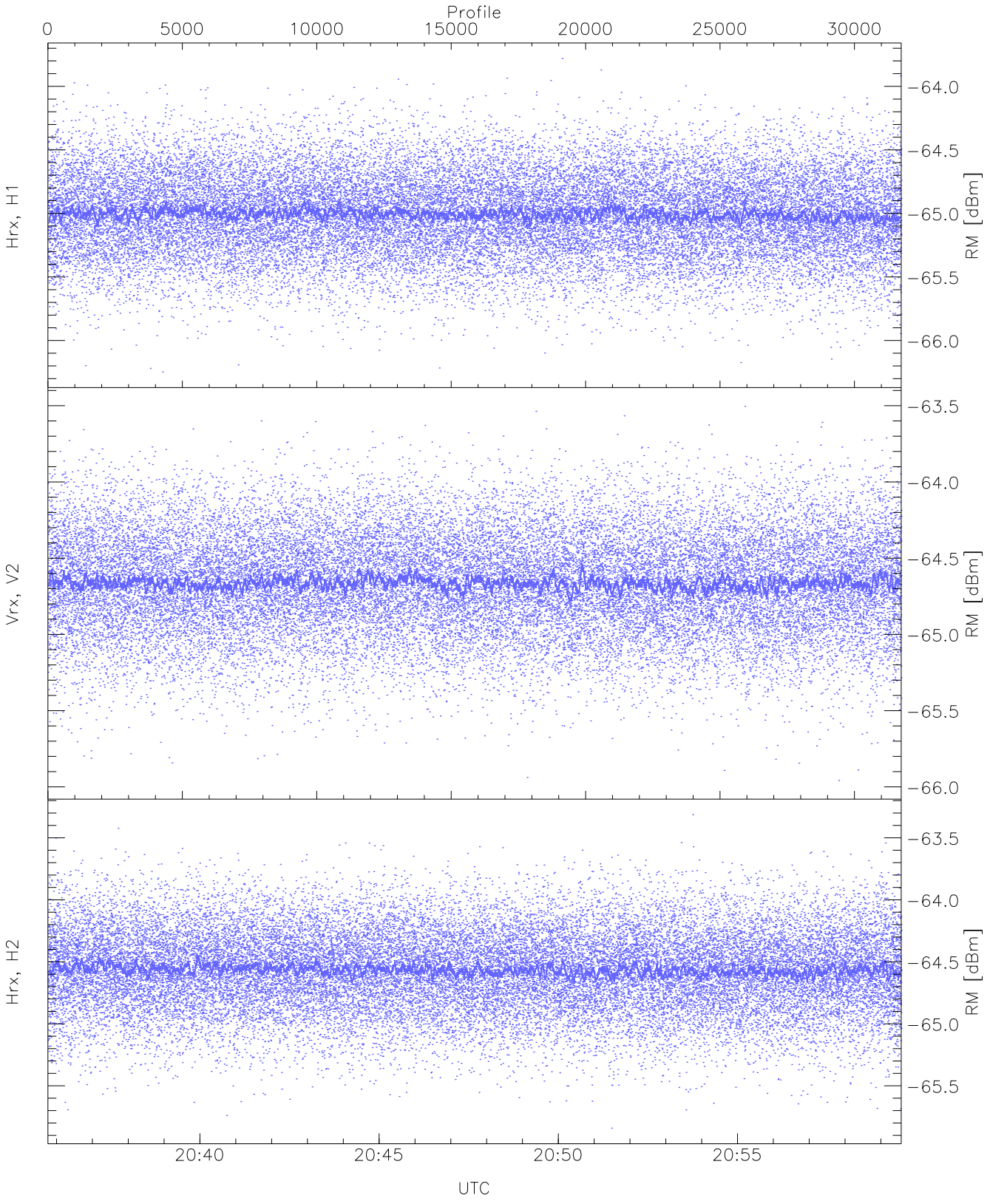
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.79	-63.28	-64.50	-64.51	-76.04
Vrx, V2(WL [dBm])	-65.87	-63.39	-64.61	-64.62	-76.12
Hrx, H2(WL [dBm])	-65.79	-63.26	-64.51	-64.52	-76.03



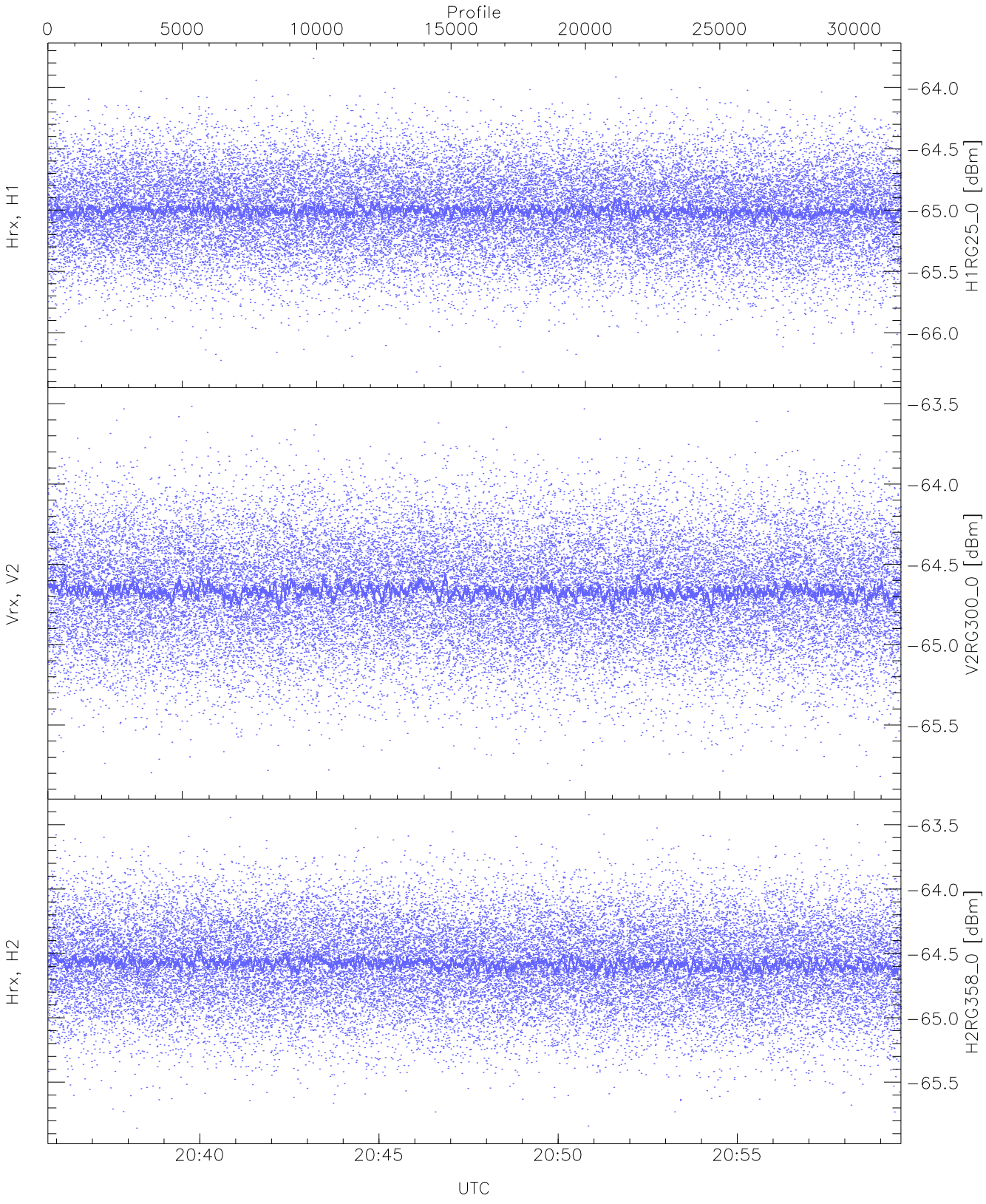
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.79	-63.18	-64.31	-64.32	-75.79
Vrx, V2(HL [dBm])	-65.74	-63.28	-64.39	-64.40	-75.89
Hrx, H2(HL [dBm])	-65.71	-63.06	-64.31	-64.32	-75.81



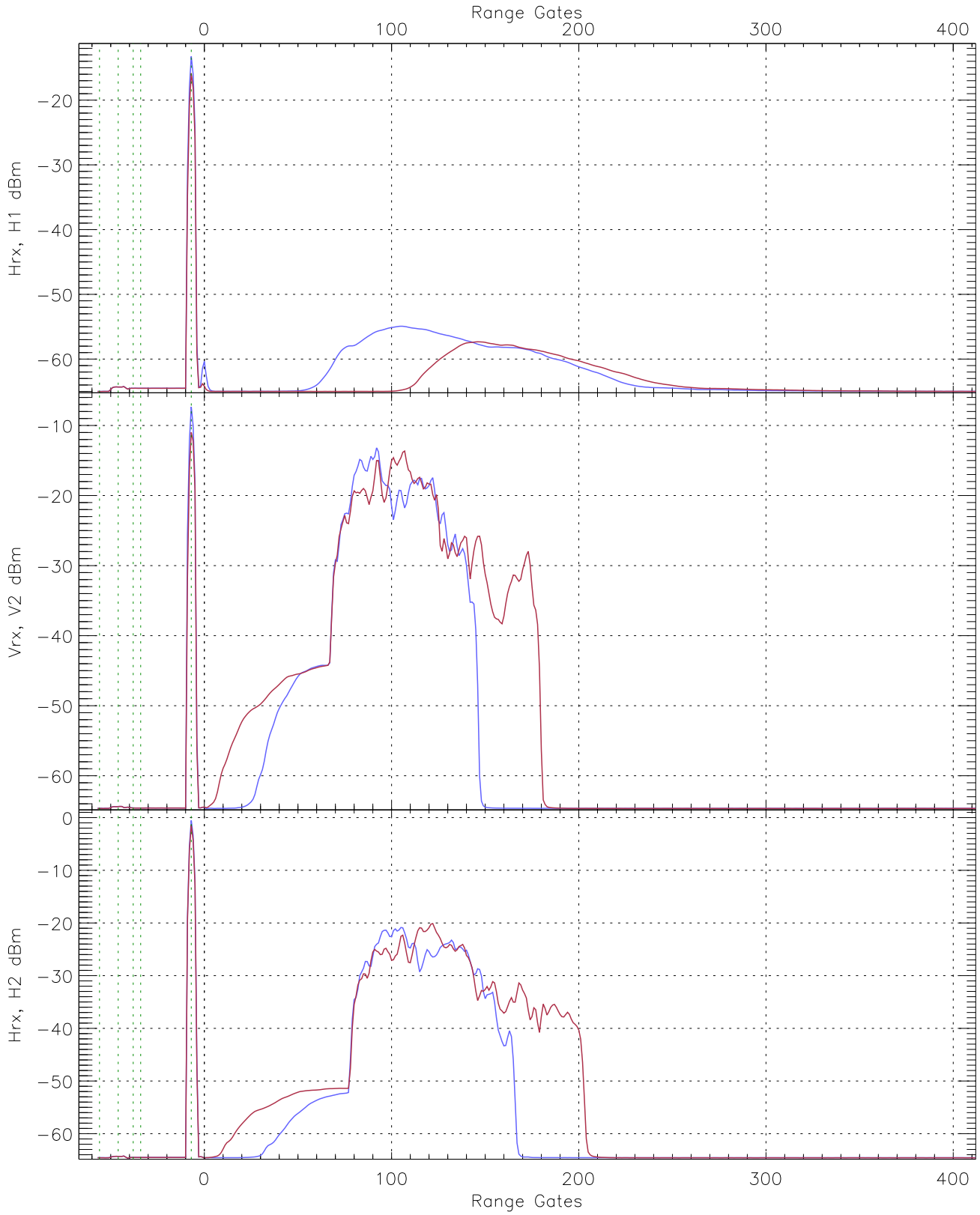
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.25	-63.78	-65.00	-65.01	-76.51
Vrx, V2(RM [dBm])	-65.96	-63.50	-64.66	-64.66	-76.12
Hrx, H2(RM [dBm])	-65.84	-63.31	-64.56	-64.56	-76.06

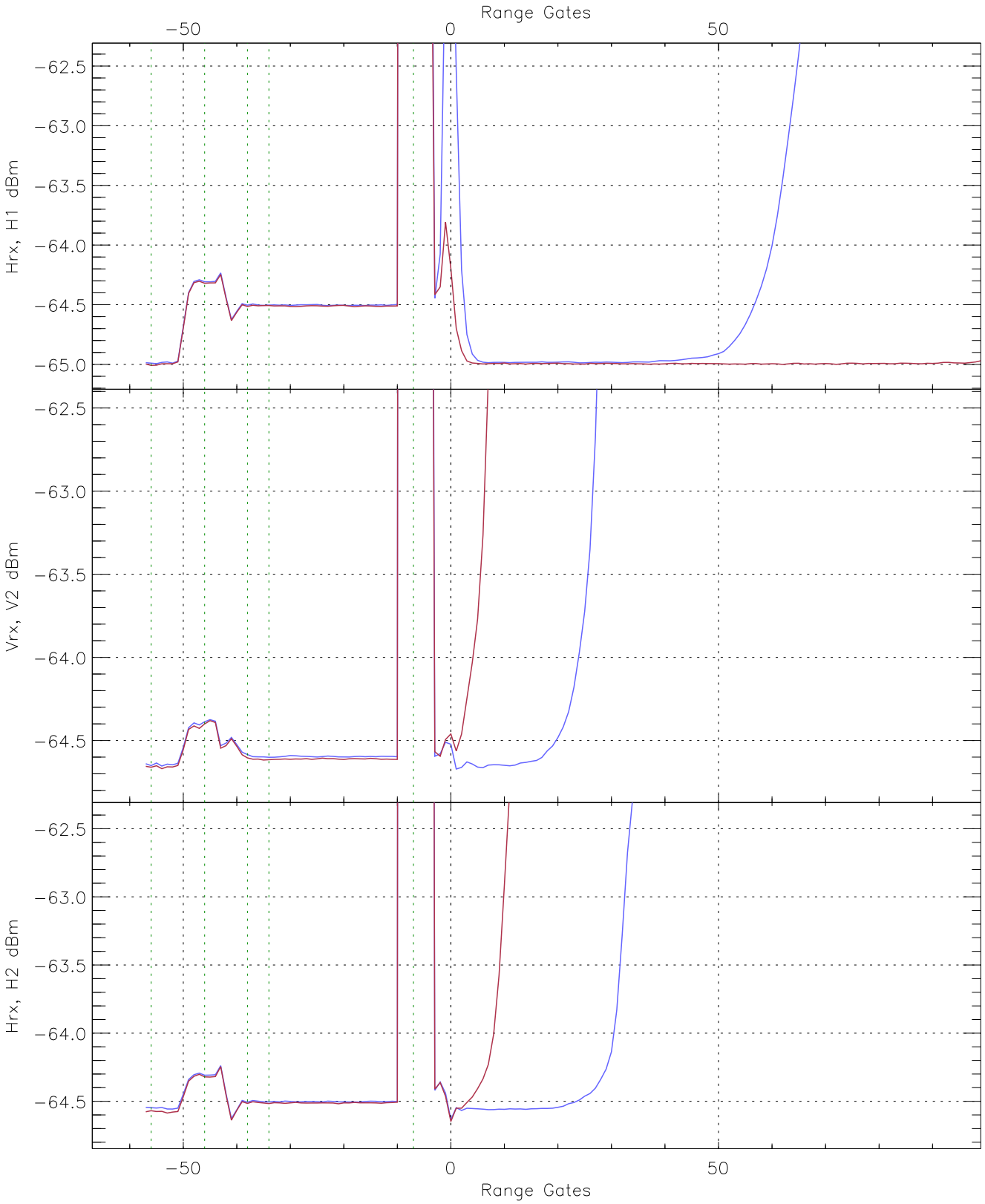


WCR3 CPP "Best" estimate Receivers Noise Power

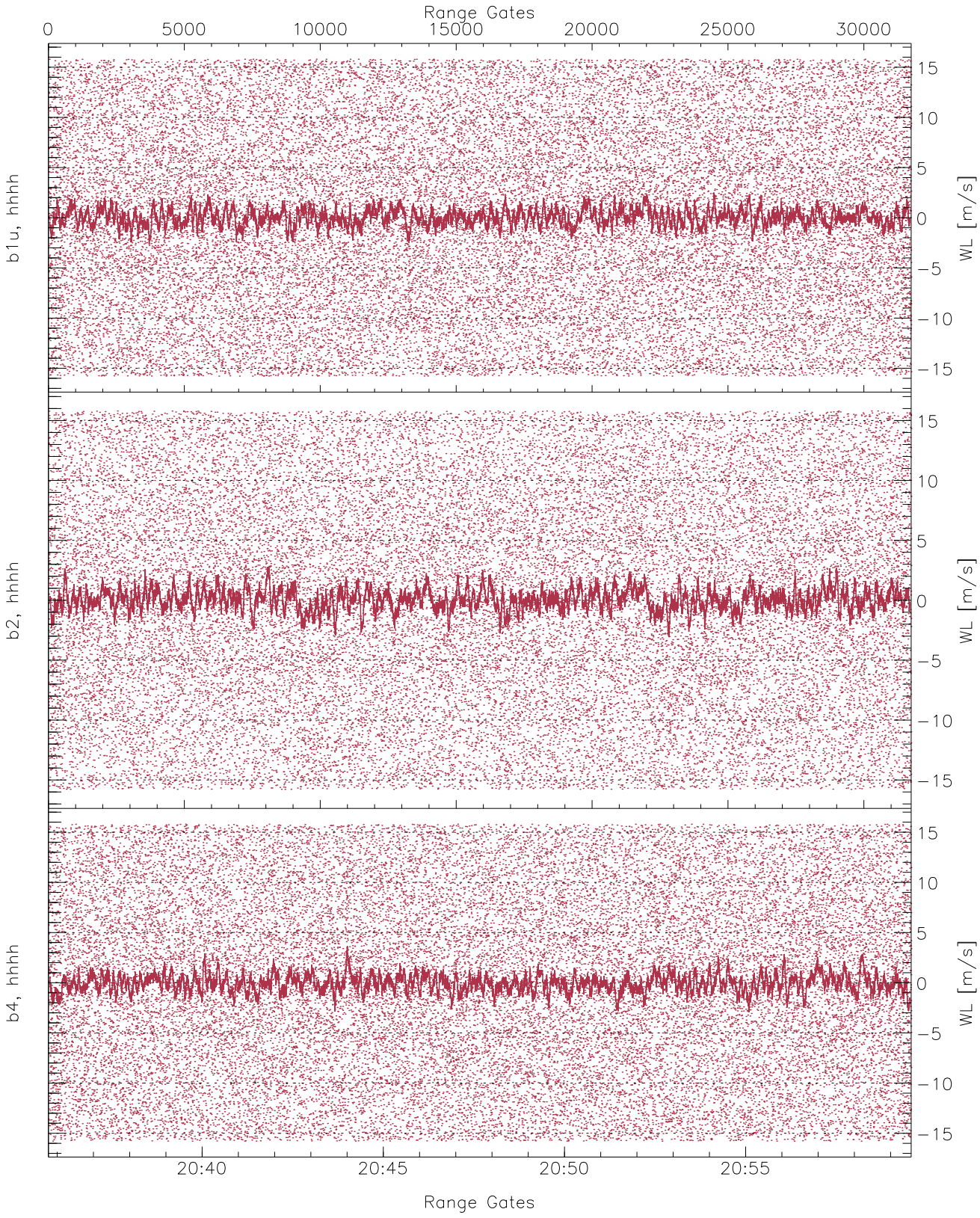
	Min	Max	Mean	Median	StDev
H1RG25_0 [dBm]	-66.32	-63.76	-65.00	-65.01	-76.49
V2RG300_0 [dBm]	-65.84	-63.52	-64.66	-64.67	-76.16
H2RG358_0 [dBm]	-65.86	-63.42	-64.57	-64.58	-76.07



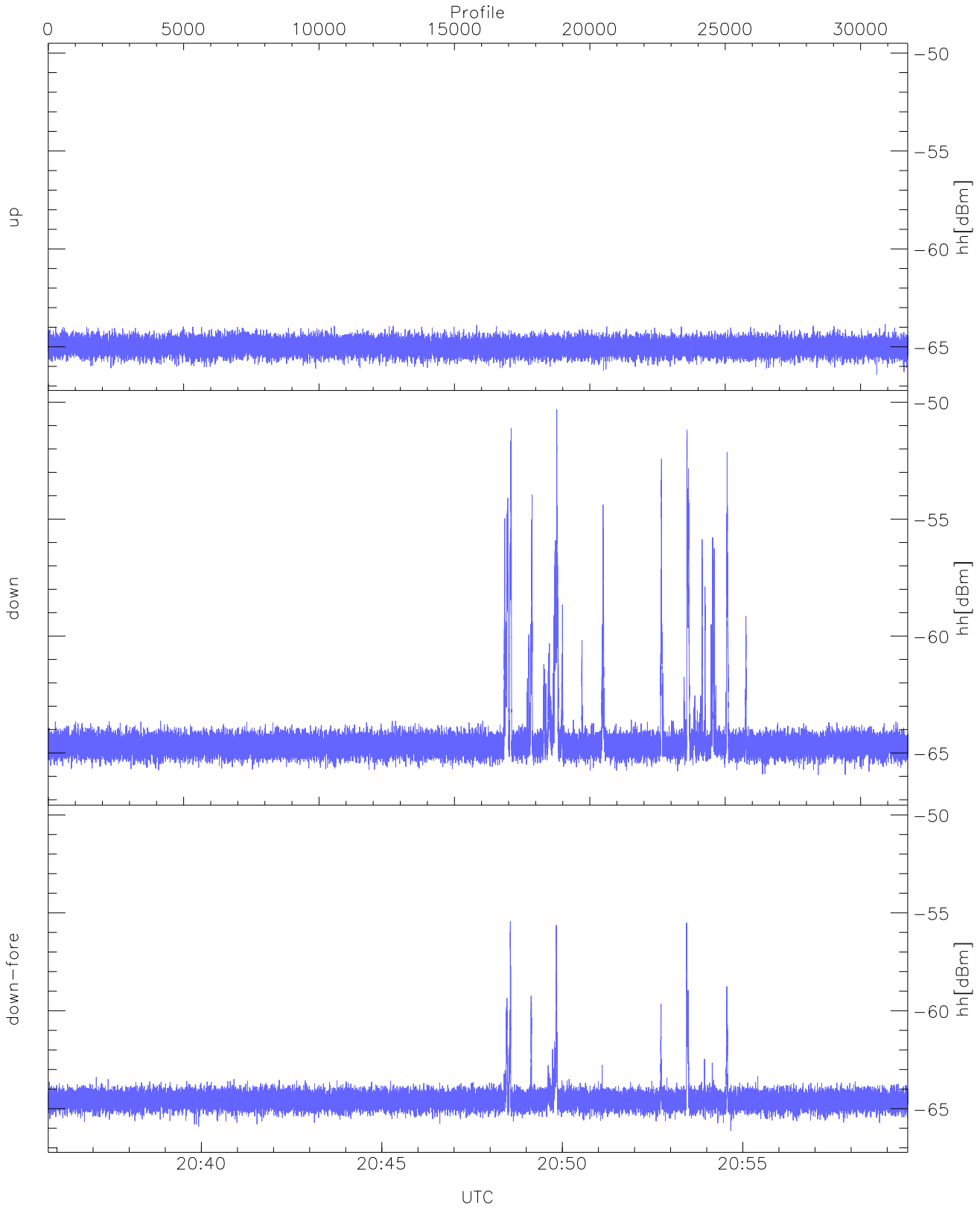
WCR3 CPP Averaged Received power for all recorded gates
blue: 203545-204740, 15871 profiles averaged
red: 204740-205934, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 203545-204740, 15871 profiles averaged
red: 204740-205934, 15871 profiles averaged

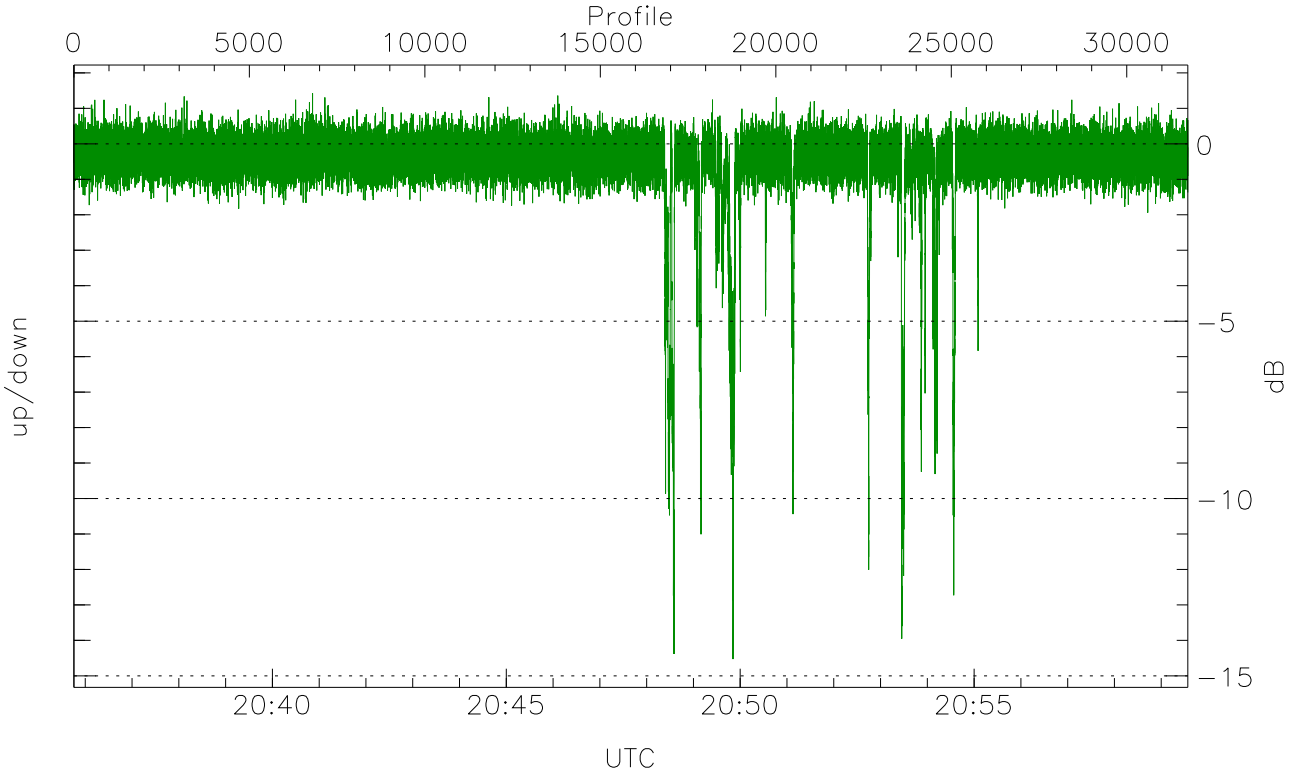


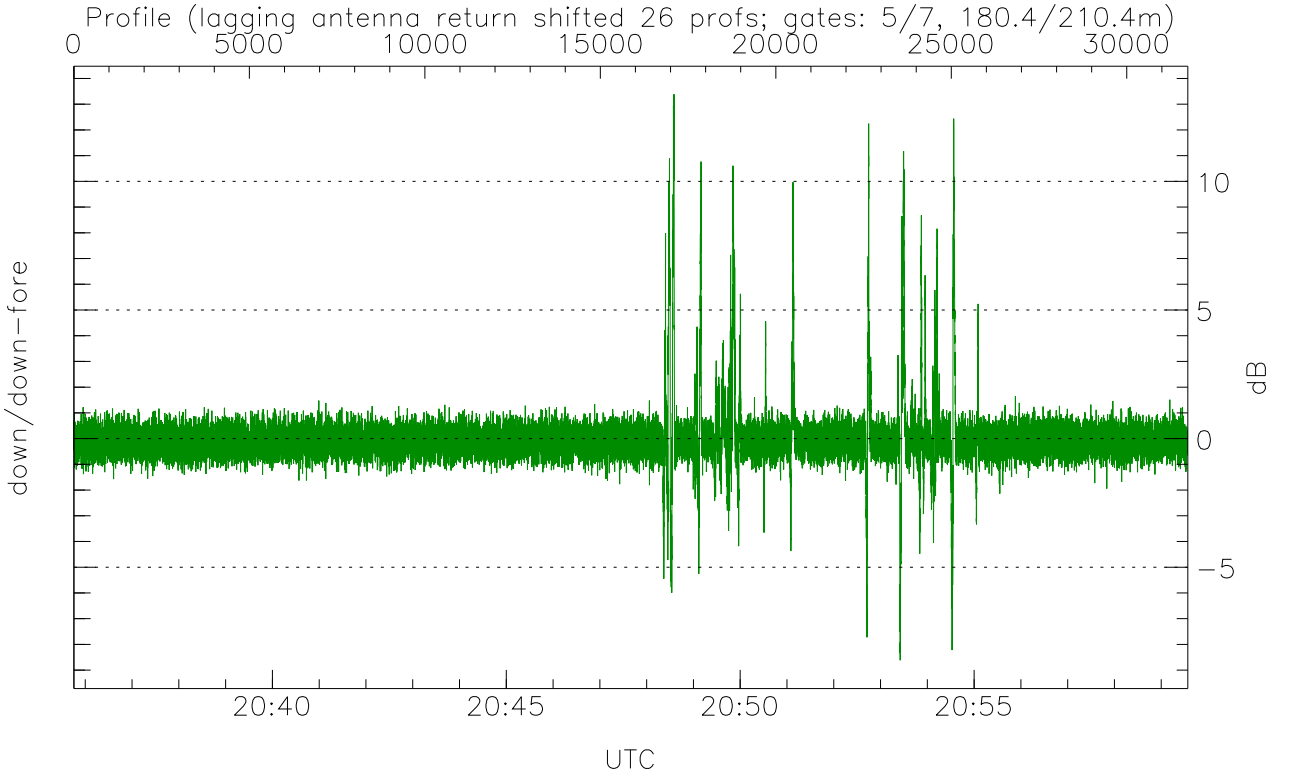
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

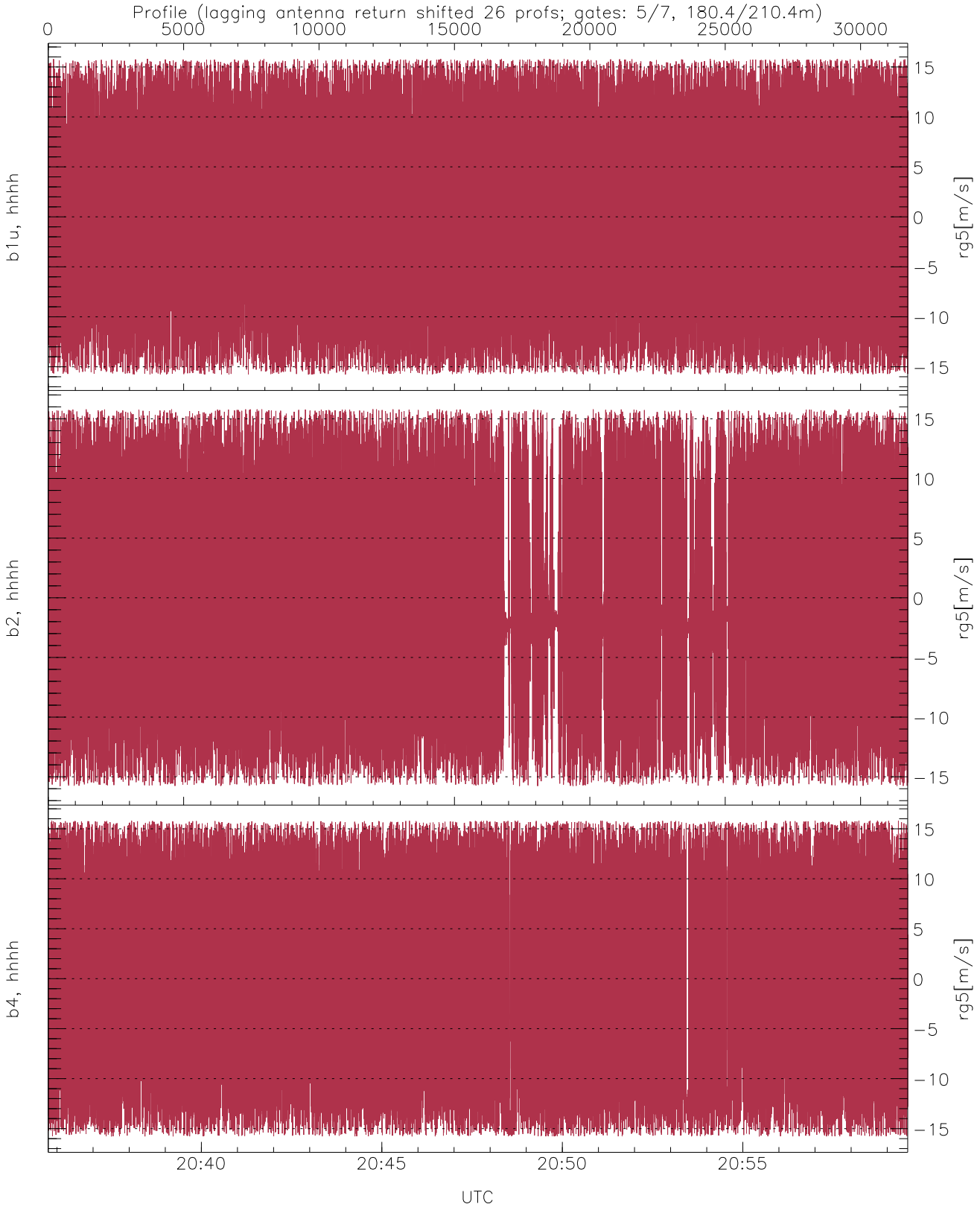
	Min	Max	Mean
up(hh[dBm])	-66.42	-63.83	-64.98
down(hh[dBm])	-65.94	-50.30	-64.19
down-fore(hh[dBm])	-66.13	-55.42	-64.48





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

	Min	Max	Mean
up/down(dB)	-14.53	1.42	-0.52
down/down-fore(dB)	-8.62	13.38	0.00



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.03	8.67
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.11	8.21
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.24	8.99