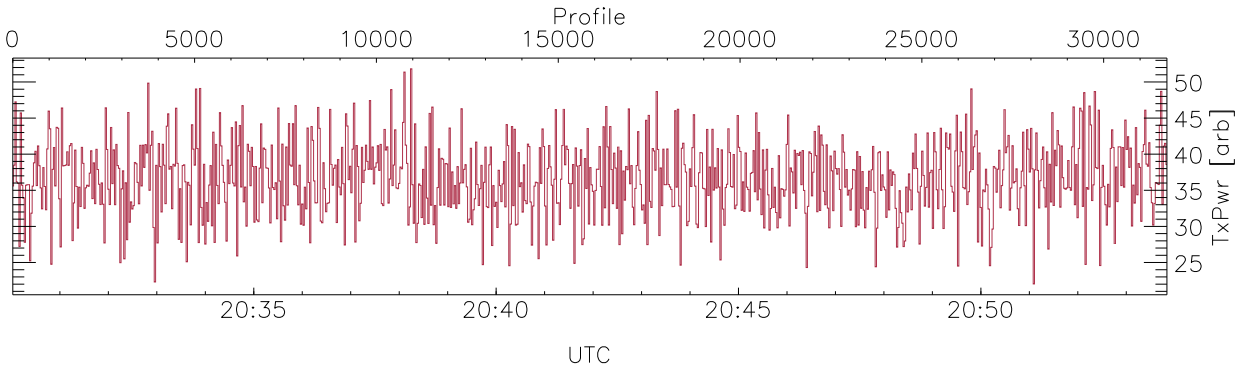
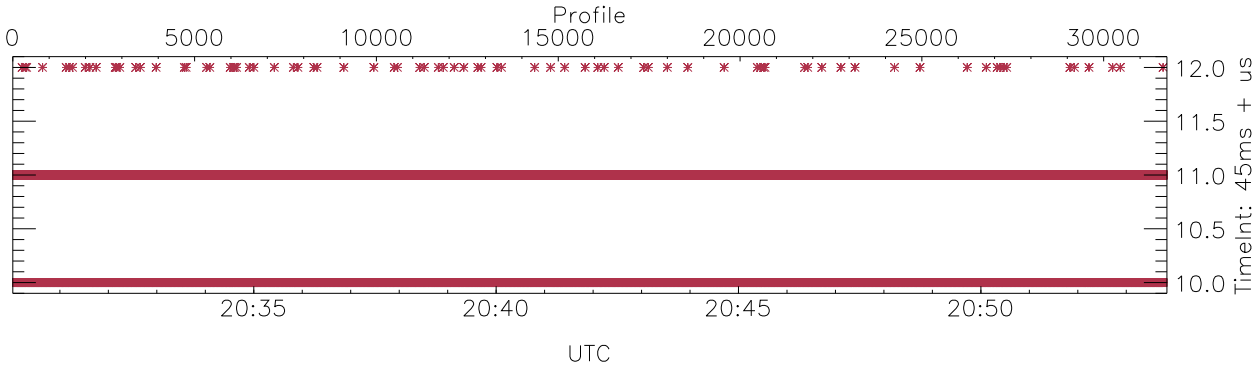
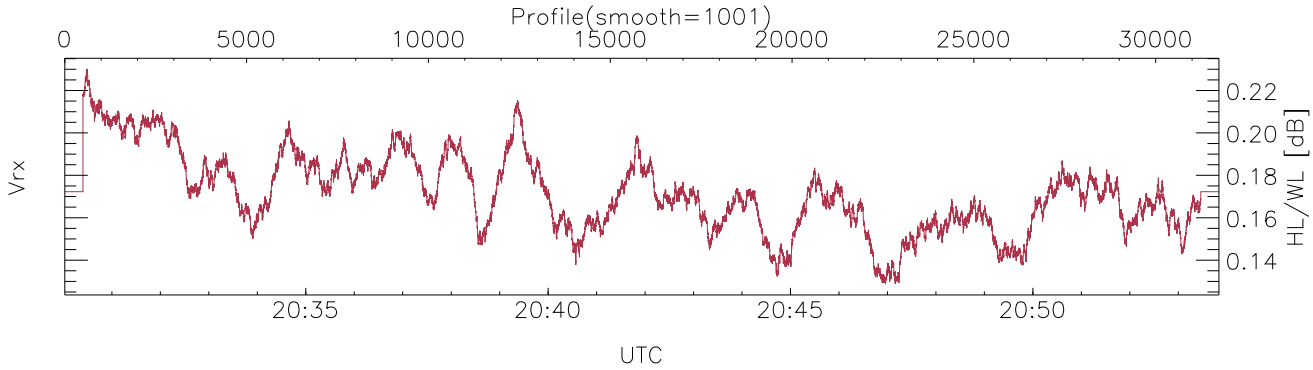
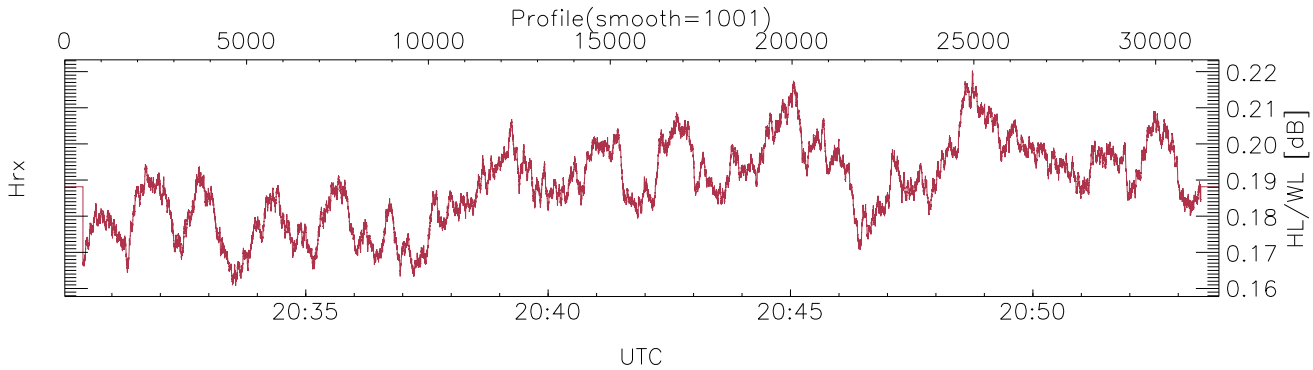


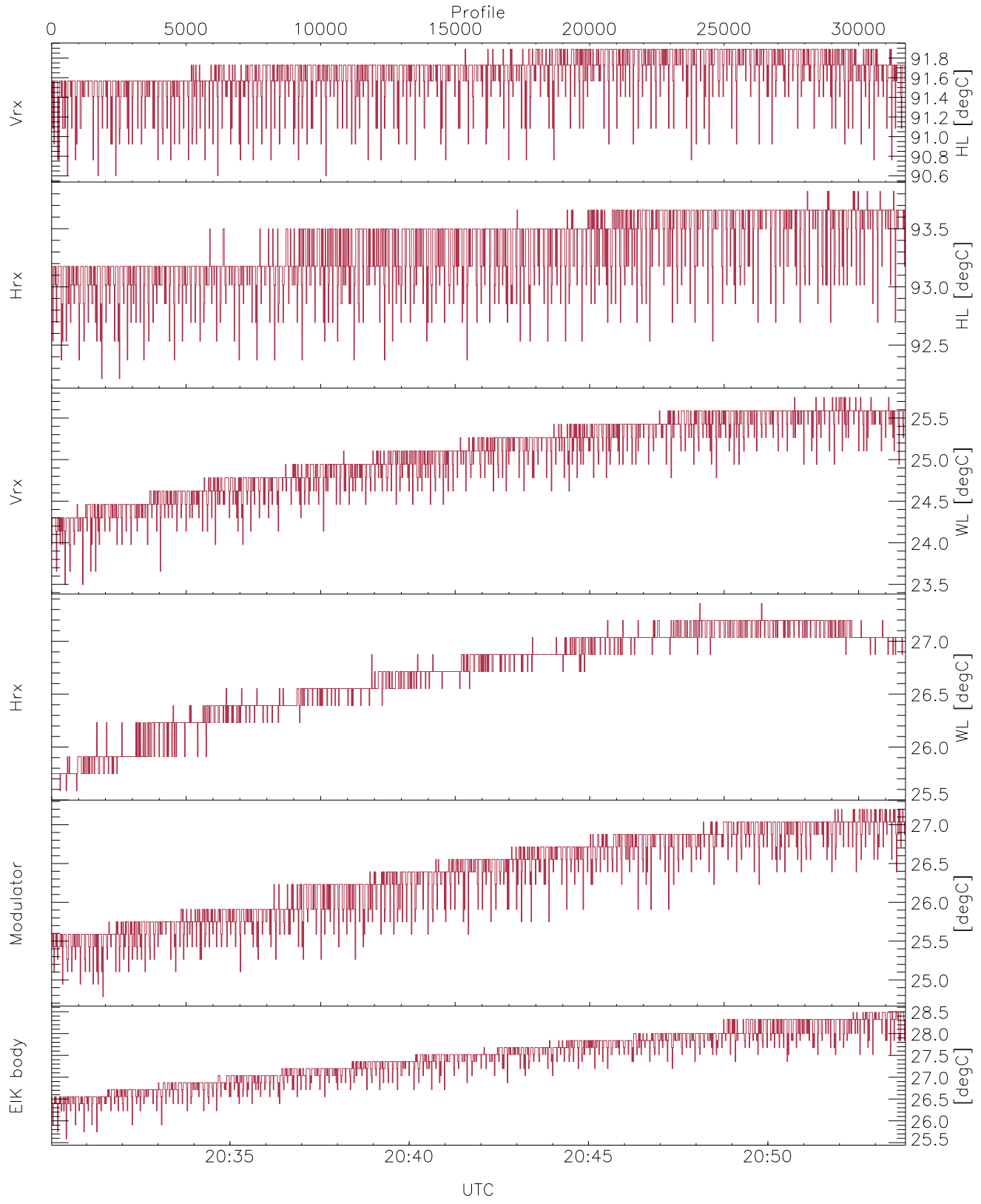






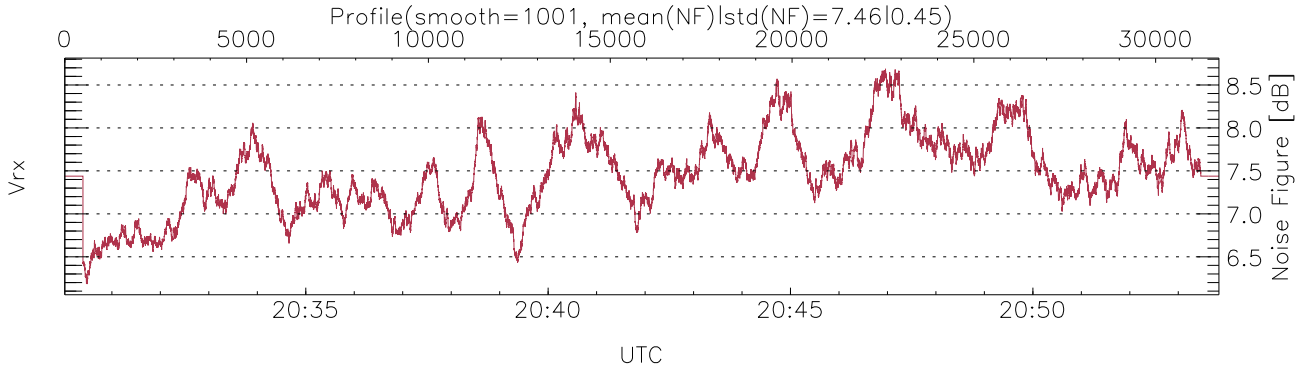
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

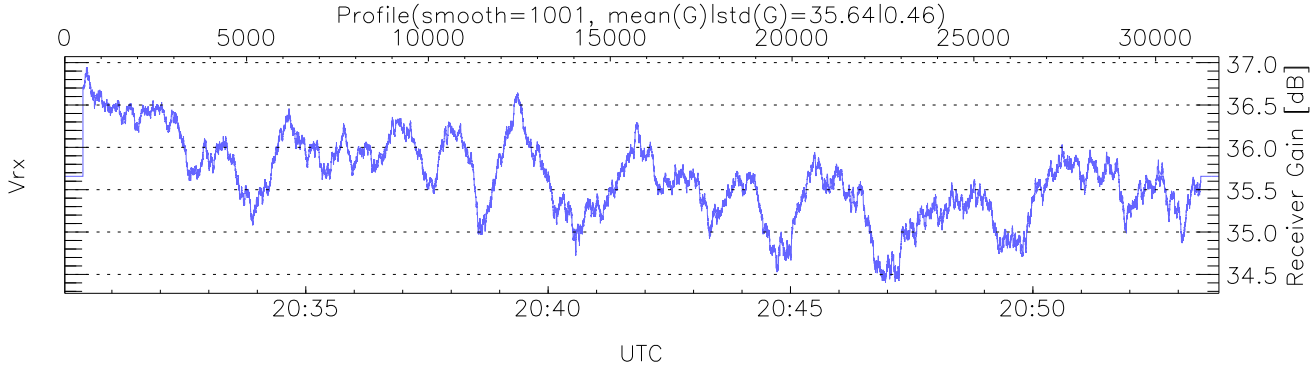
UTC: 20:30:02-20:53:50, TimeCor: 0.00s, Dur: 1428.66s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 31741/31741, 0-31740/20:30:02-20:53:50
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

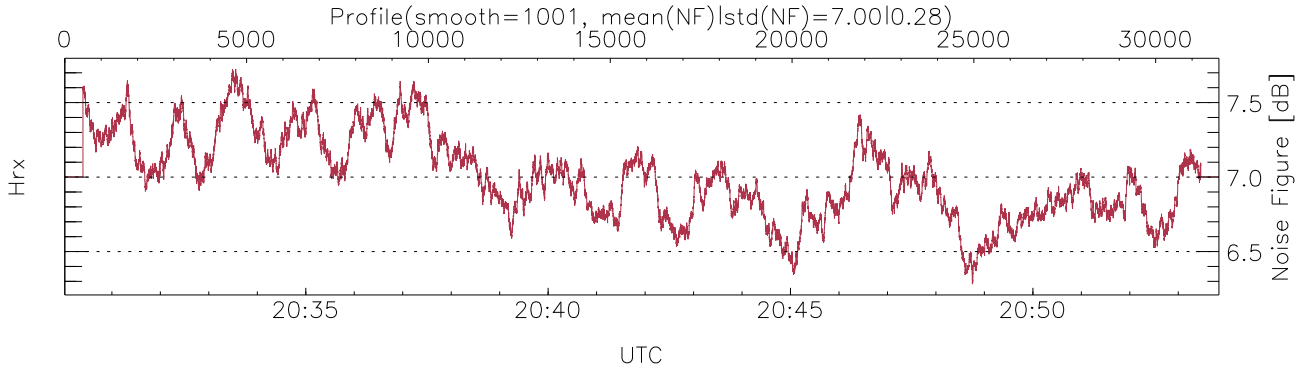


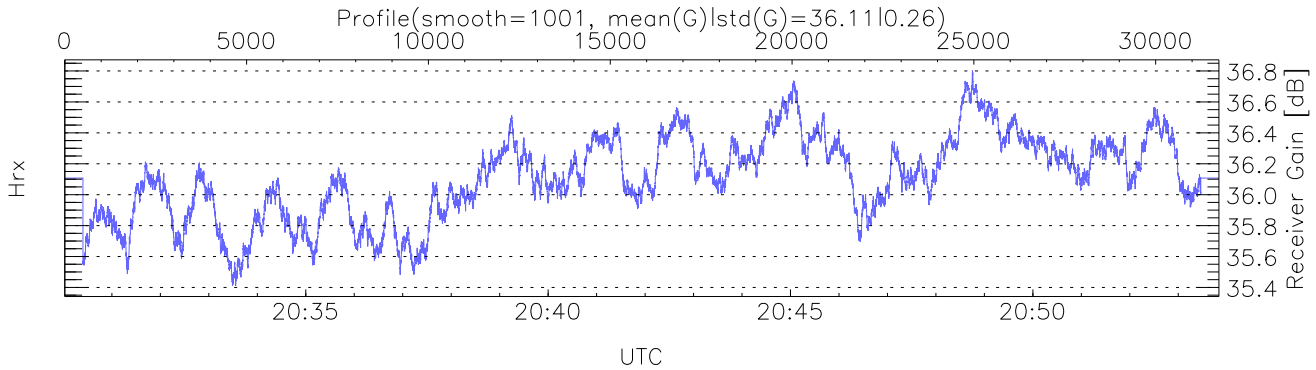
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,27,27,28
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (66,66,66,66,66,66)



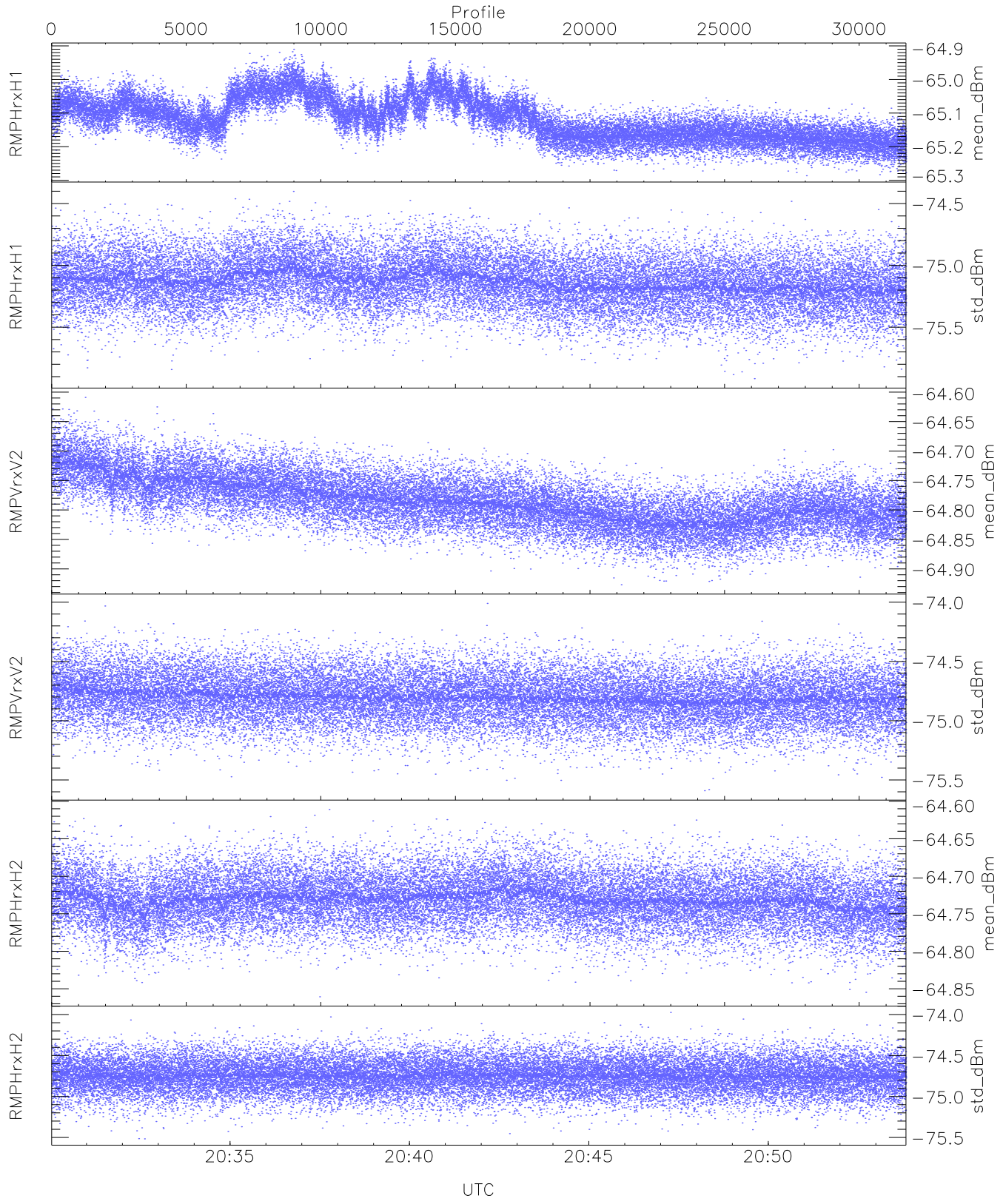






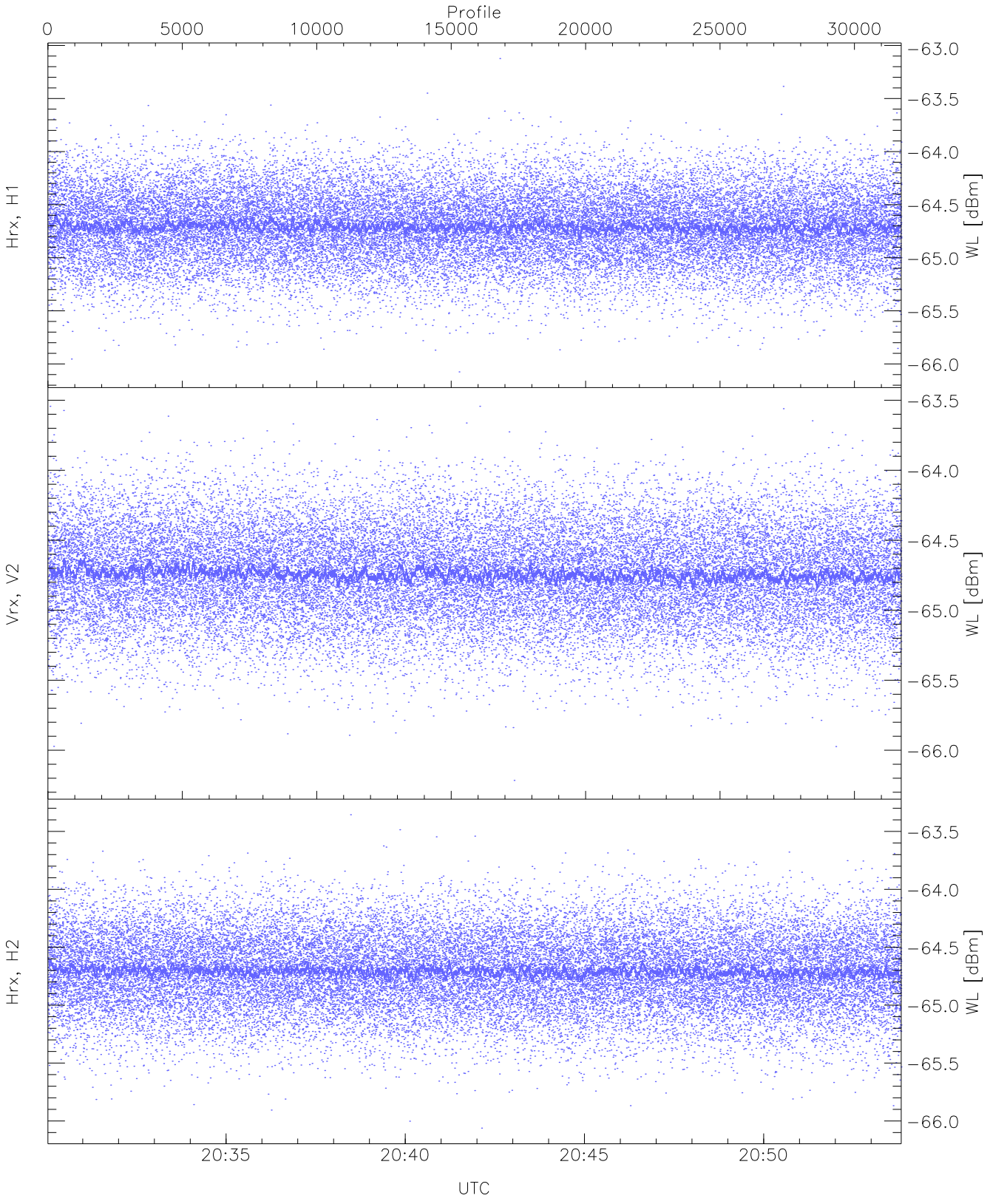
WCR3 CPP Receivers Gain and Noise Figure

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



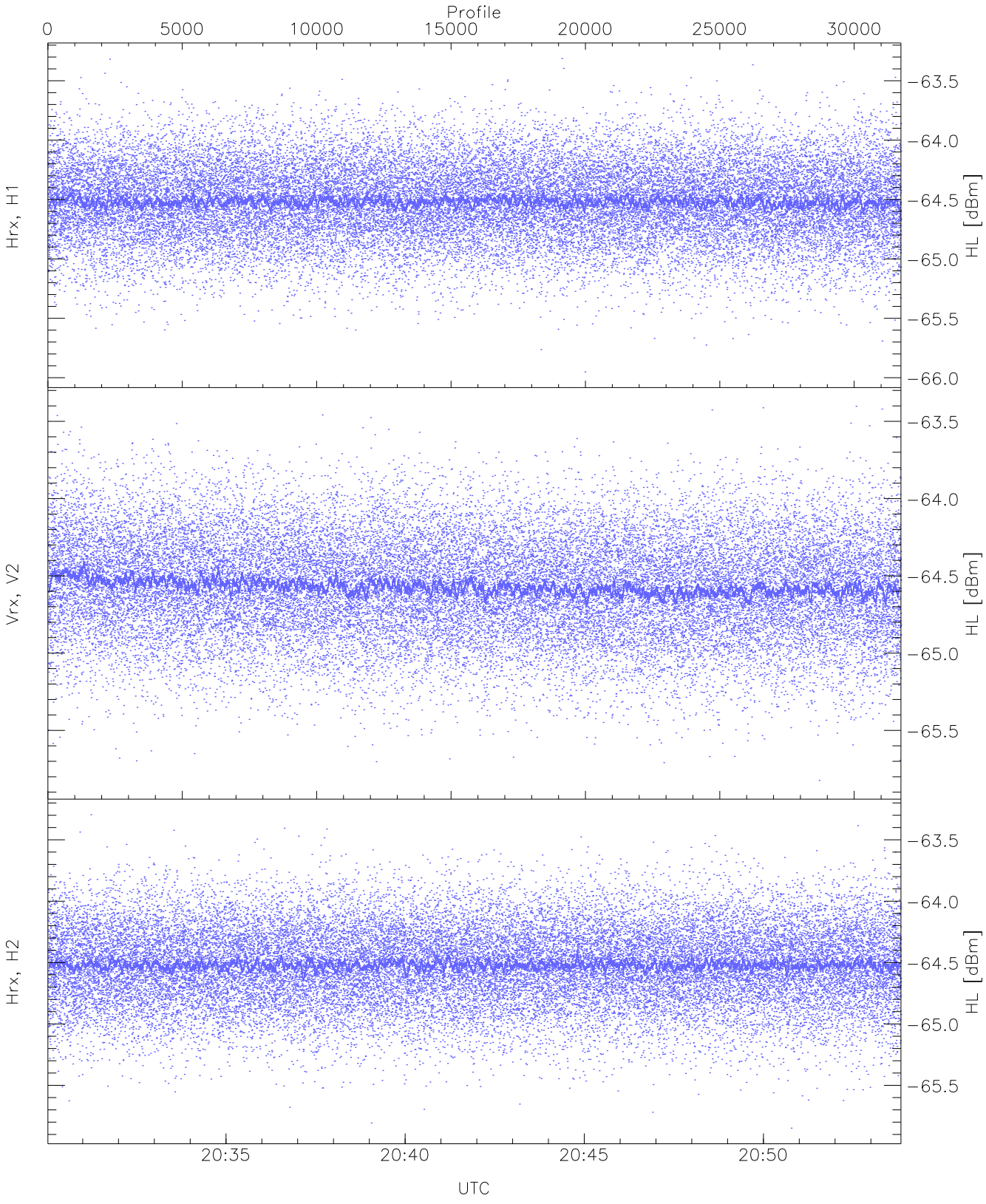
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.29	-64.91	-65.12	-65.12	-83.56
RMPHrxH1(std_dBm)	-75.92	-74.40	-75.13	-75.14	-88.76
RMPVrxV2(mean_dBm)	-64.93	-64.61	-64.79	-64.79	-84.91
RMPVrxV2(std_dBm)	-75.59	-74.01	-74.80	-74.80	-88.53
RMPHrxH2(mean_dBm)	-64.86	-64.61	-64.73	-64.73	-86.24
RMPHrxH2(std_dBm)	-75.52	-73.97	-74.75	-74.75	-88.52



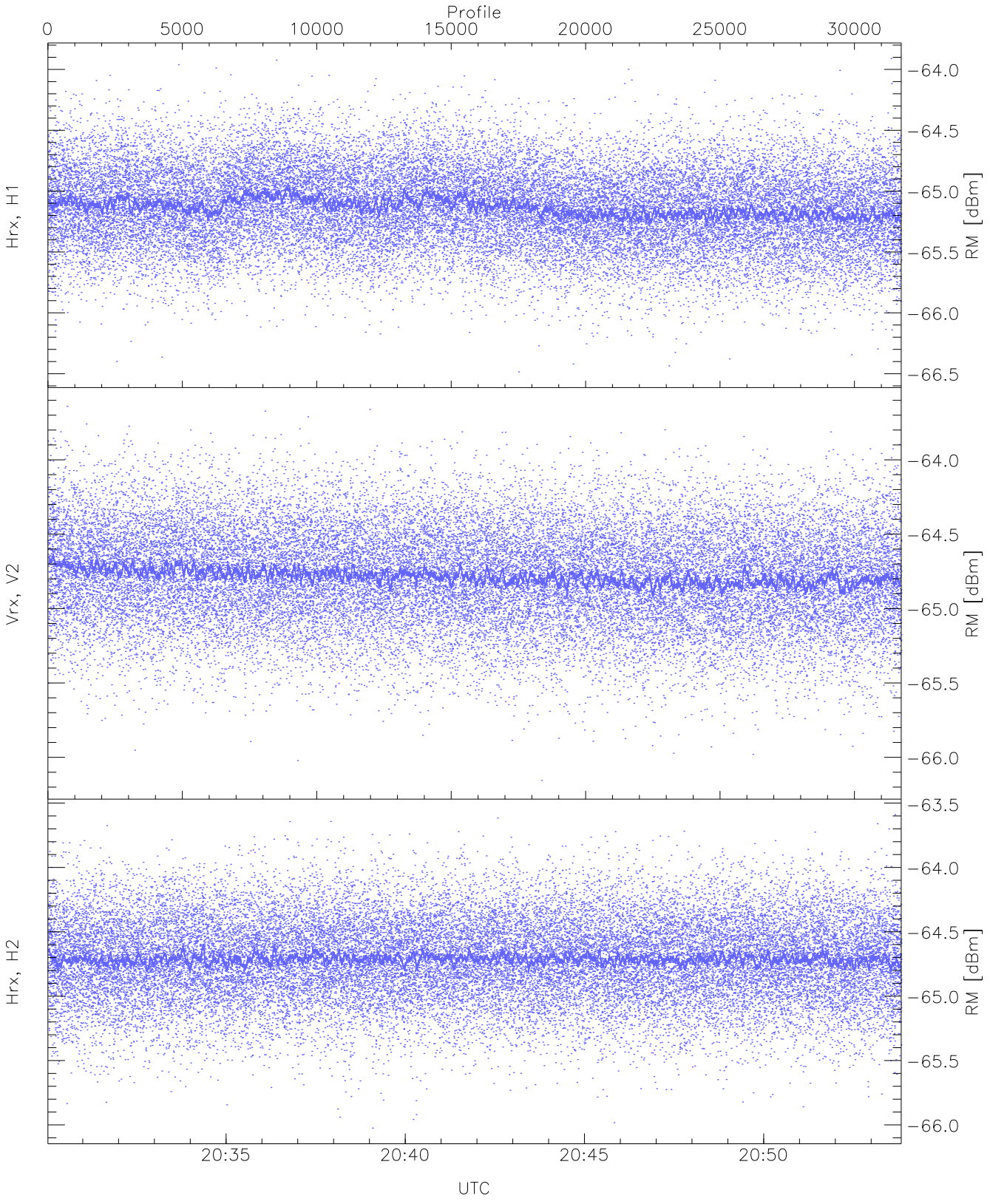
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.08	-63.12	-64.70	-64.71	-76.15
Vrx, V2(WL [dBm])	-66.22	-63.54	-64.74	-64.74	-76.23
Hrx, H2(WL [dBm])	-66.06	-63.36	-64.70	-64.71	-76.21



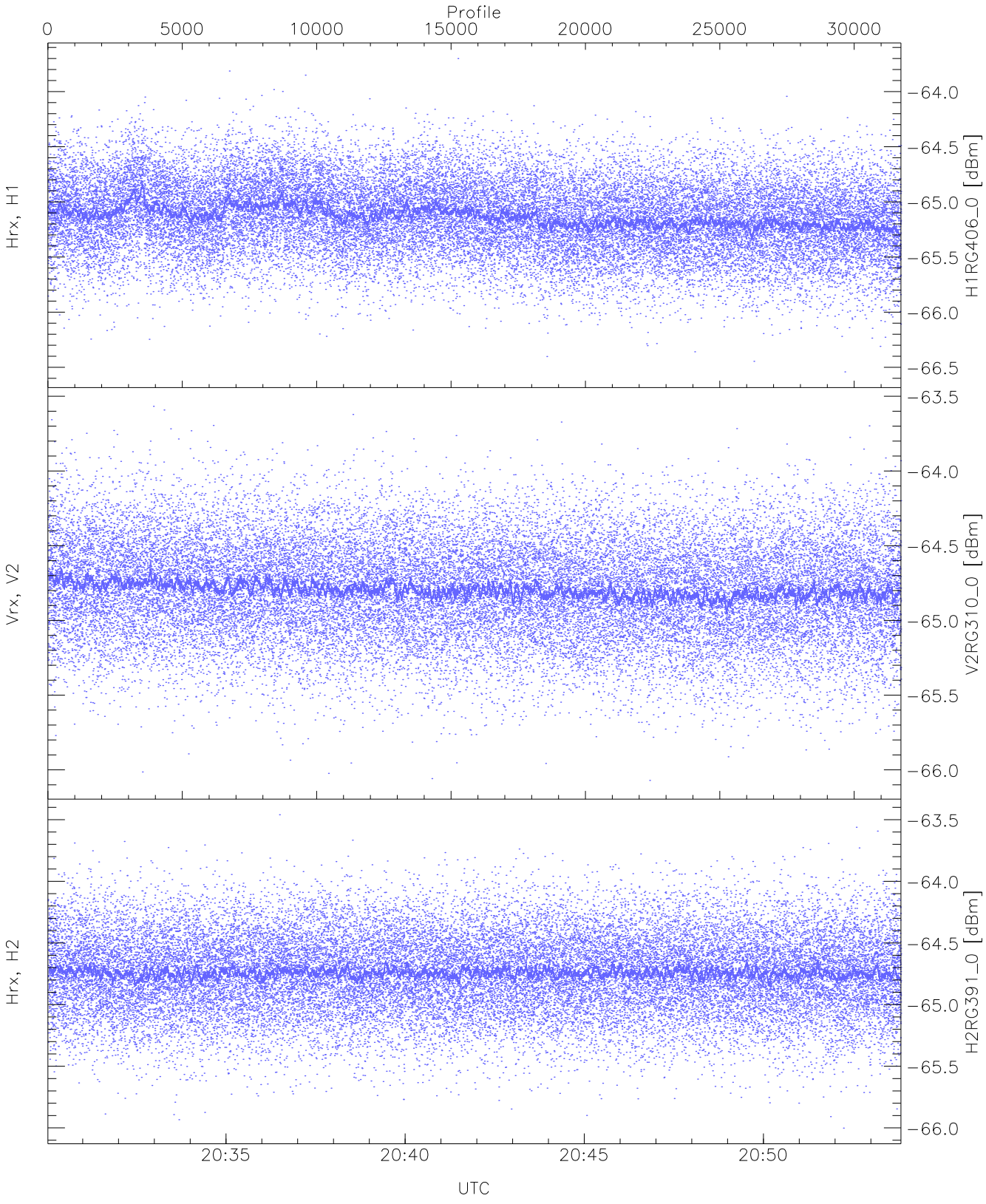
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.95	-63.31	-64.51	-64.52	-76.01
Vrx, V2(HL [dBm])	-65.82	-63.40	-64.56	-64.57	-76.05
Hrx, H2(HL [dBm])	-65.85	-63.30	-64.51	-64.52	-76.05



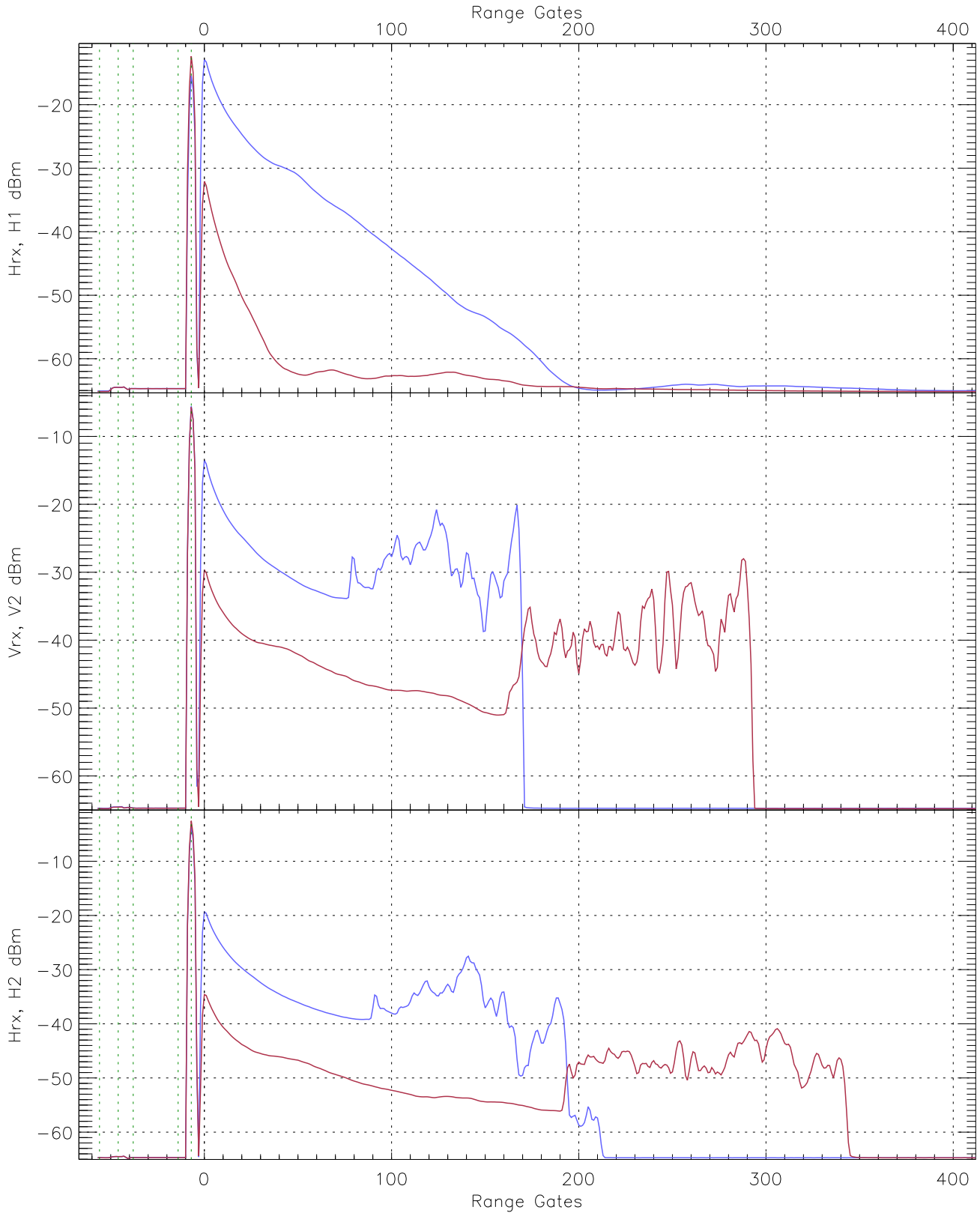
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.49	-63.91	-65.13	-65.13	-76.54
Vrx, V2(RM [dBm])	-66.16	-63.64	-64.78	-64.78	-76.25
Hrx, H2(RM [dBm])	-66.02	-63.59	-64.70	-64.71	-76.22

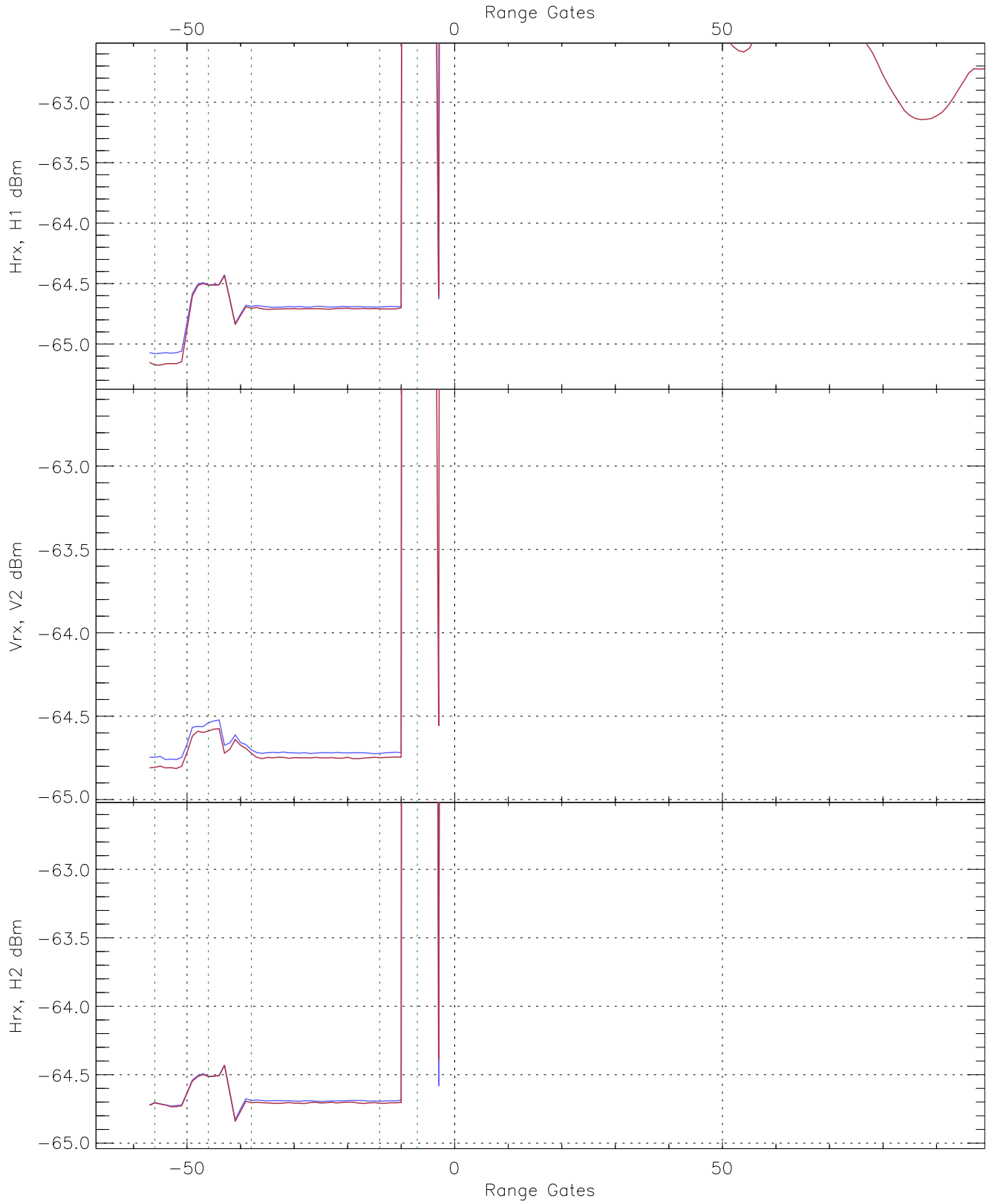


WCR3 CPP "Best" estimate Receivers Noise Power

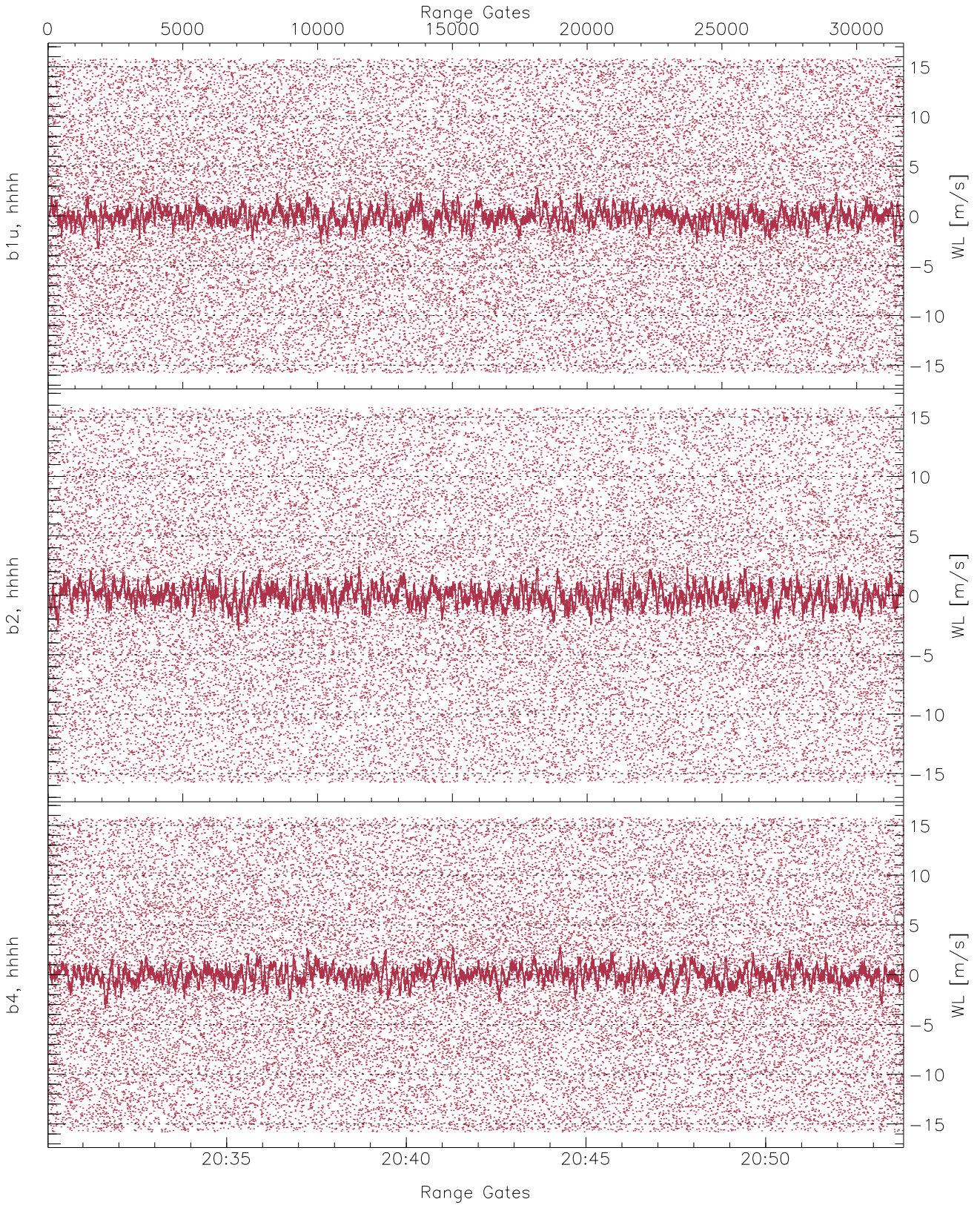
	Min	Max	Mean	Median	StDev
H1RG406_0 [dBm]	-66.54	-63.70	-65.13	-65.13	-76.48
V2RG310_0 [dBm]	-66.07	-63.57	-64.79	-64.80	-76.27
H2RG391_0 [dBm]	-66.00	-63.46	-64.74	-64.74	-76.23



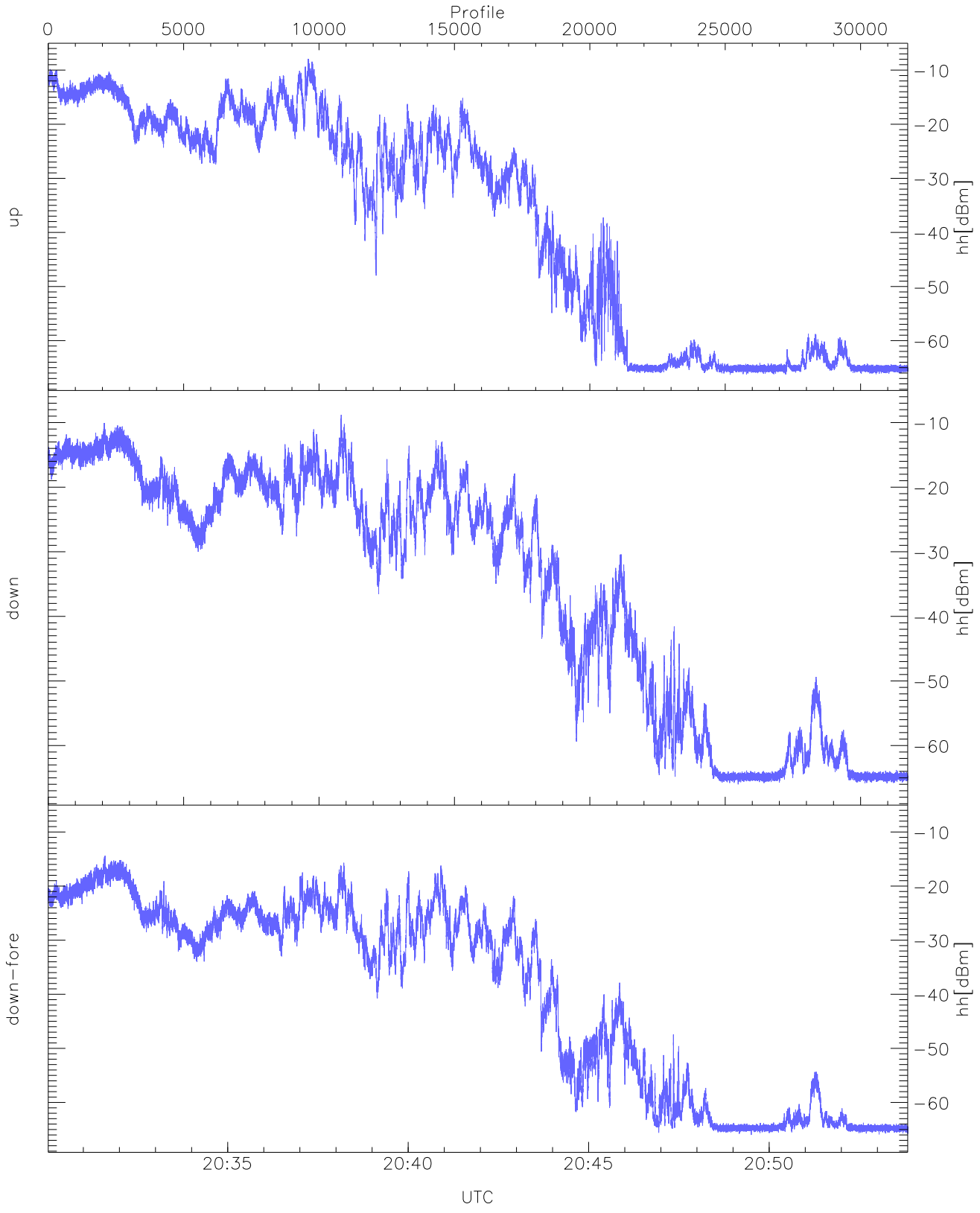
WCR3 CPP Averaged Received power for all recorded gates
blue: 203002-204156, 15871 profiles averaged
red: 204156-205350, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 203002-204156, 15871 profiles averaged
red: 204156-205350, 15871 profiles averaged

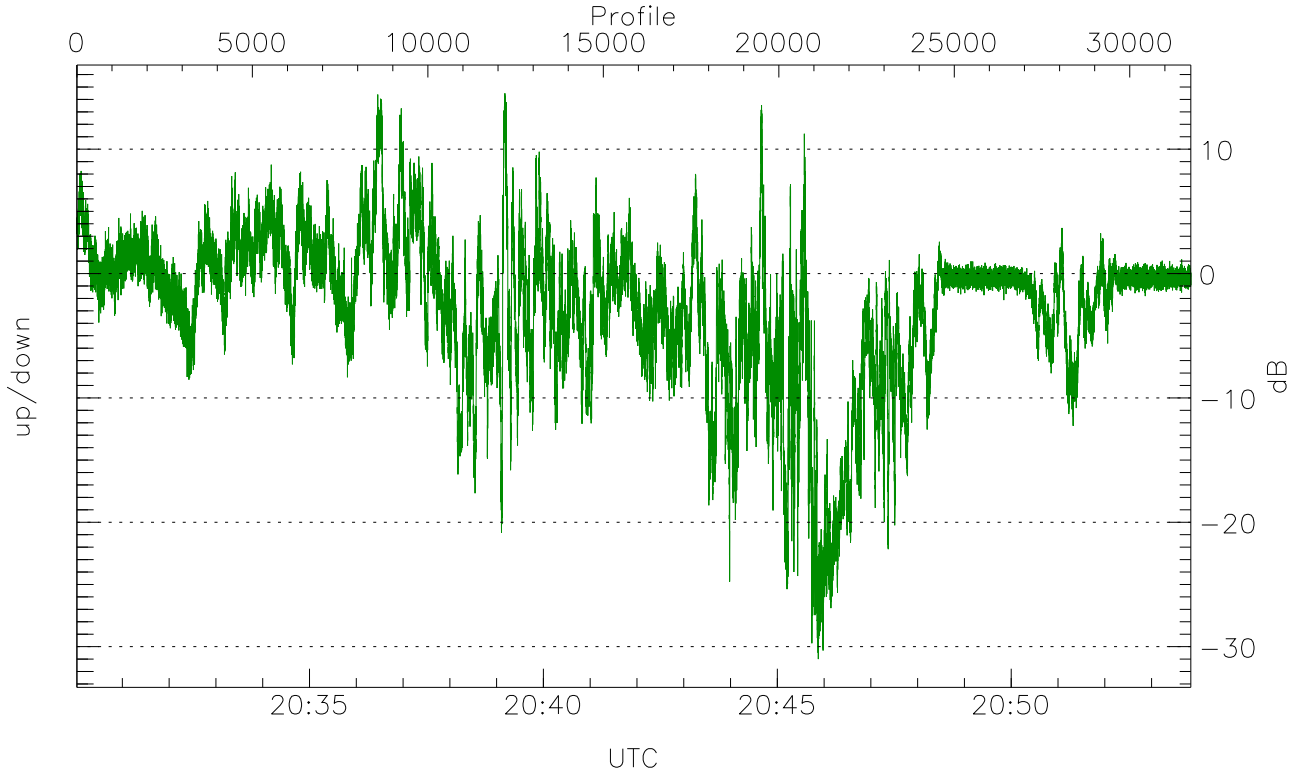


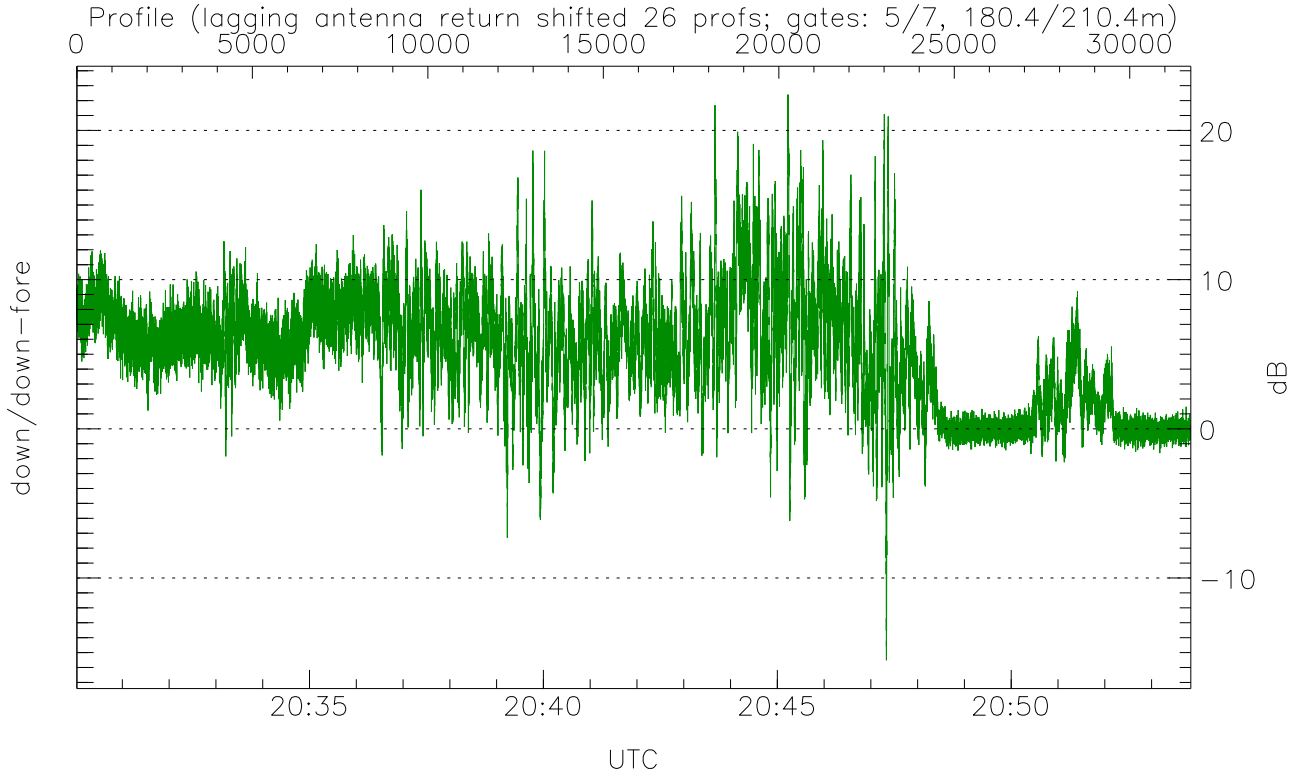
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

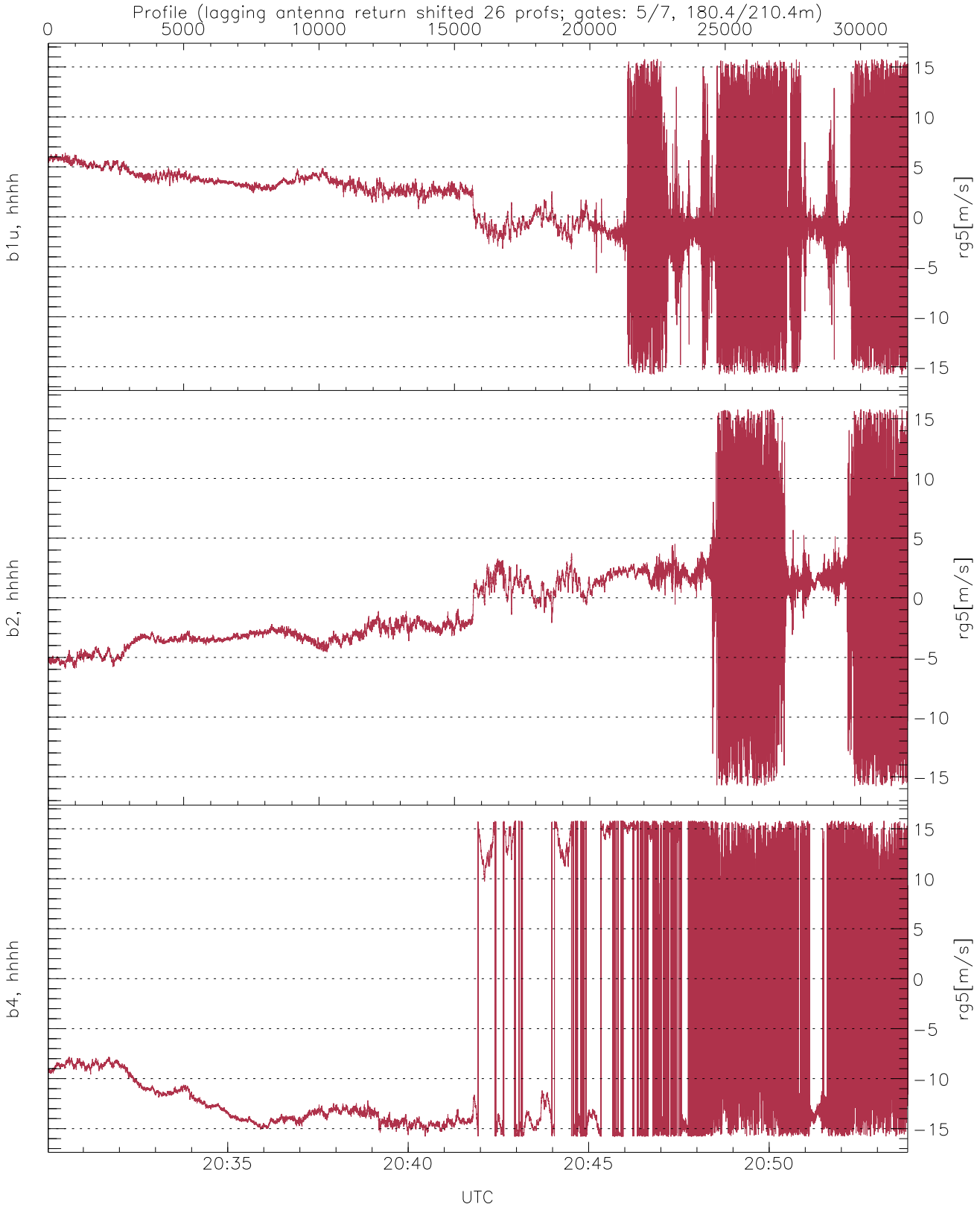
	Min	Max	Mean
up(hh[dBm])	-66.30	-7.95	-20.02
down(hh[dBm])	-66.01	-8.81	-20.64
down-fore(hh[dBm])	-65.99	-14.40	-25.86





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

	Min	Max	Mean
up/down(dB)	-31.00	14.49	-2.65
down/down-fore(dB)	-15.52	22.41	5.15



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.77	1.47	4.55
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.11	4.07
b4, hhhh(rg5[m/s])	-15.79	15.79	-7.42	10.42