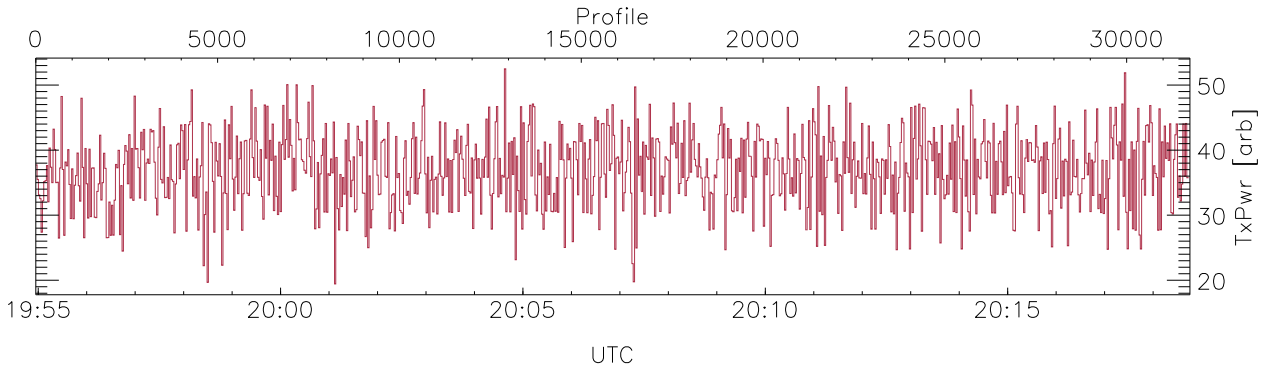
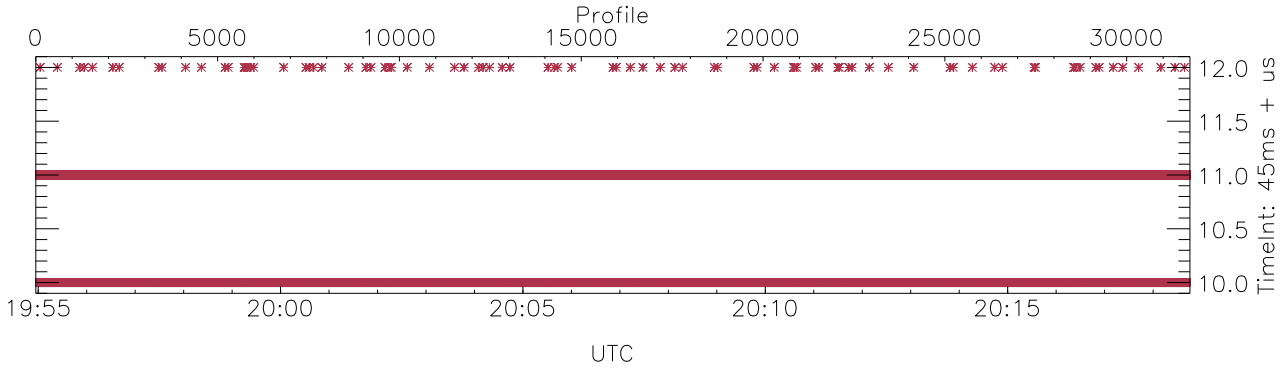
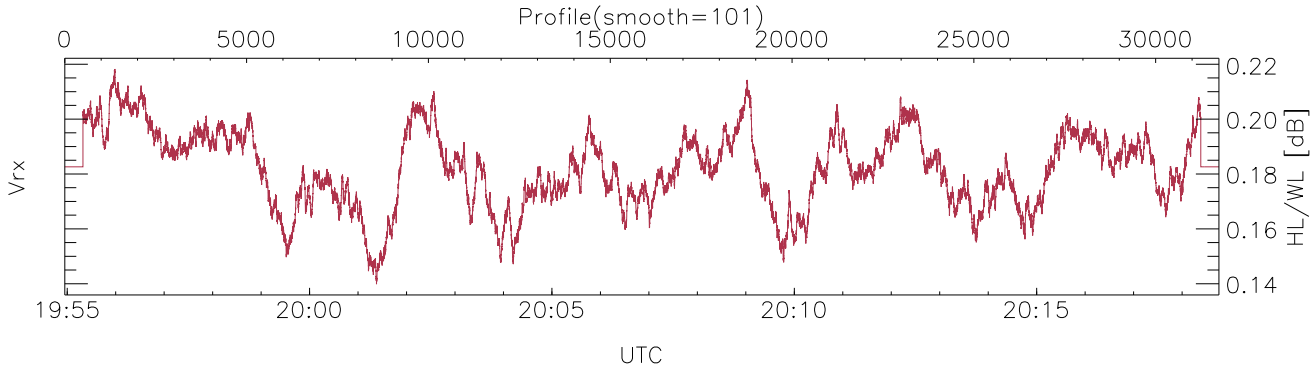
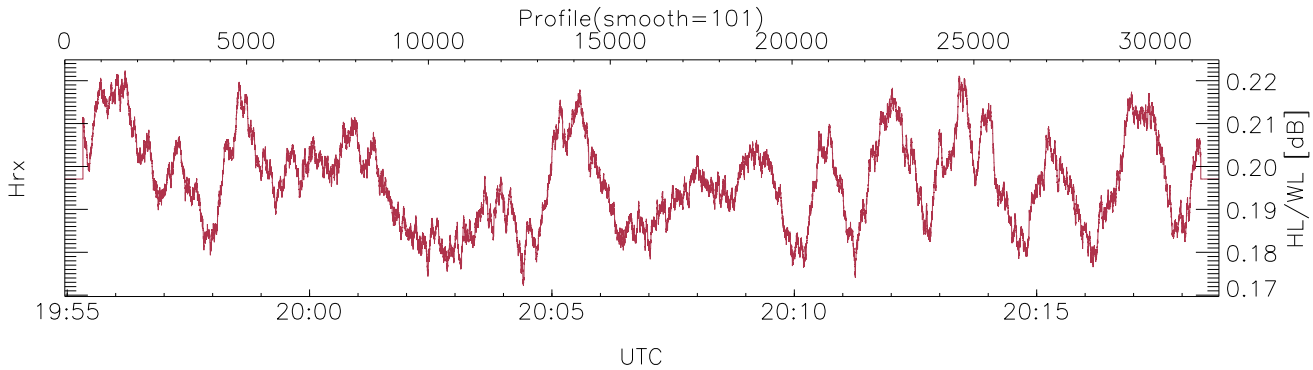


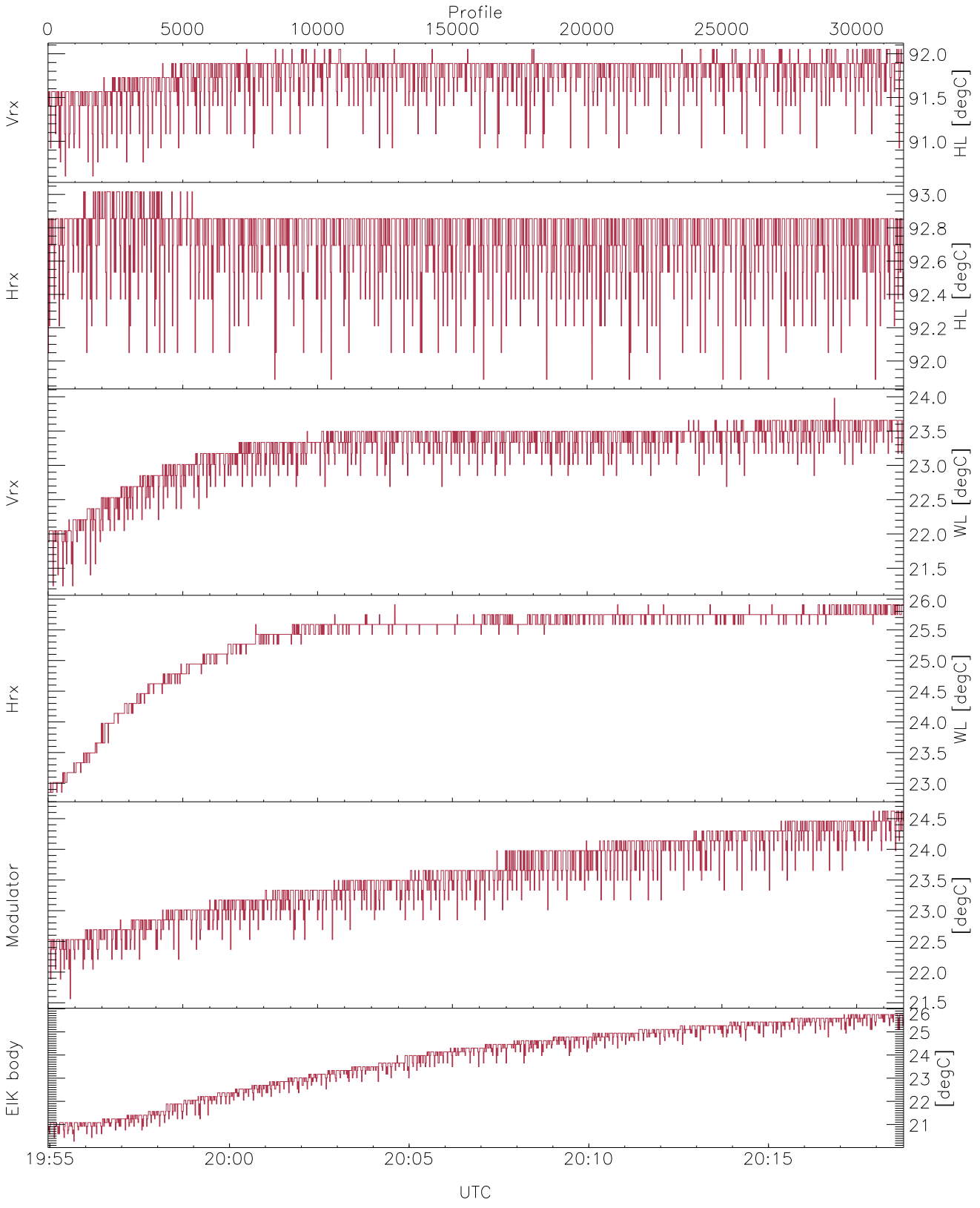






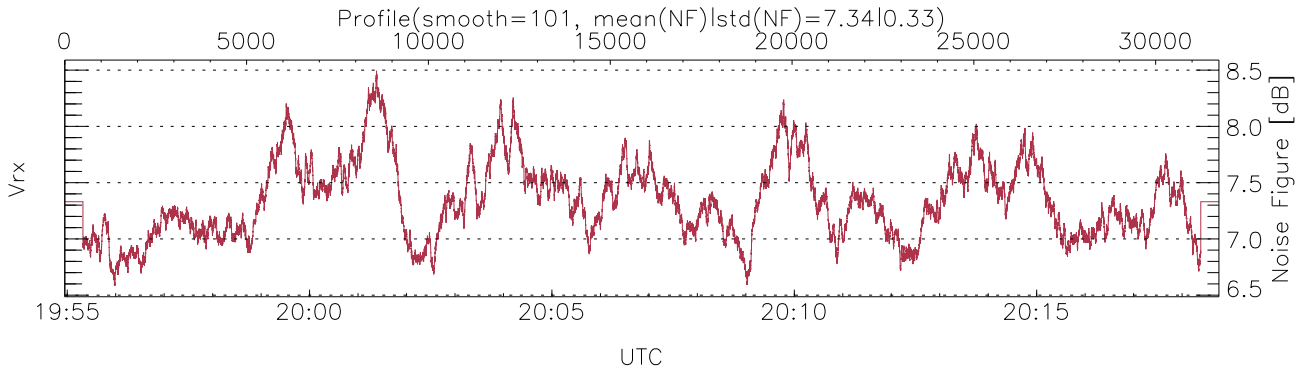
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

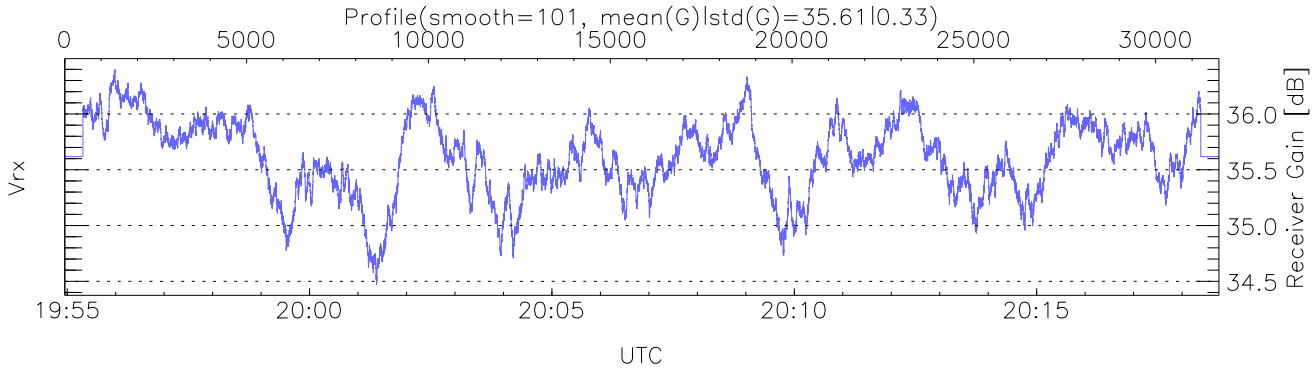
UTC: 19:54:57-20:18:46, TimeCor: 0.00s, Dur: 1428.66s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 31741/31741, 0-31740/19:54:57-20:18:46
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

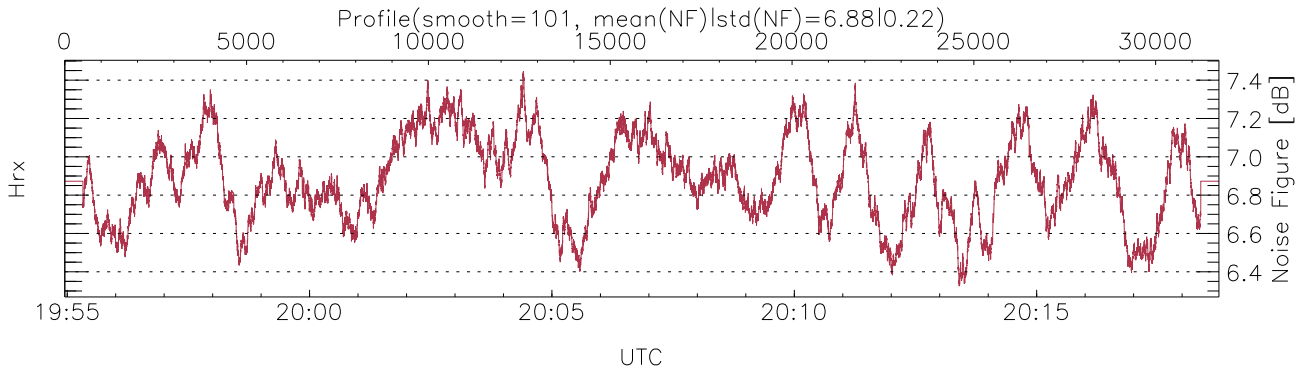


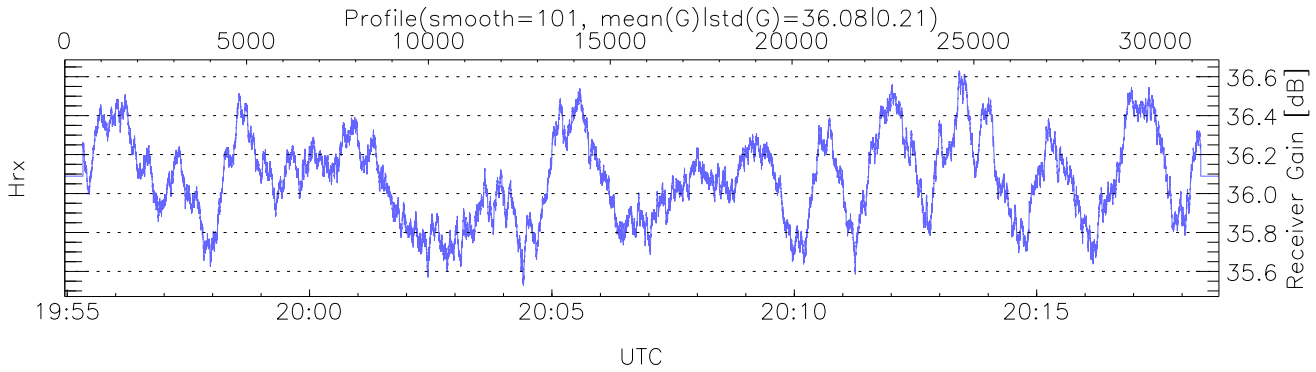
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,22,21,20
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,23,25,24,25
LOalarm(20,240,2817,14861 MHz): 0,0,90,0
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22)



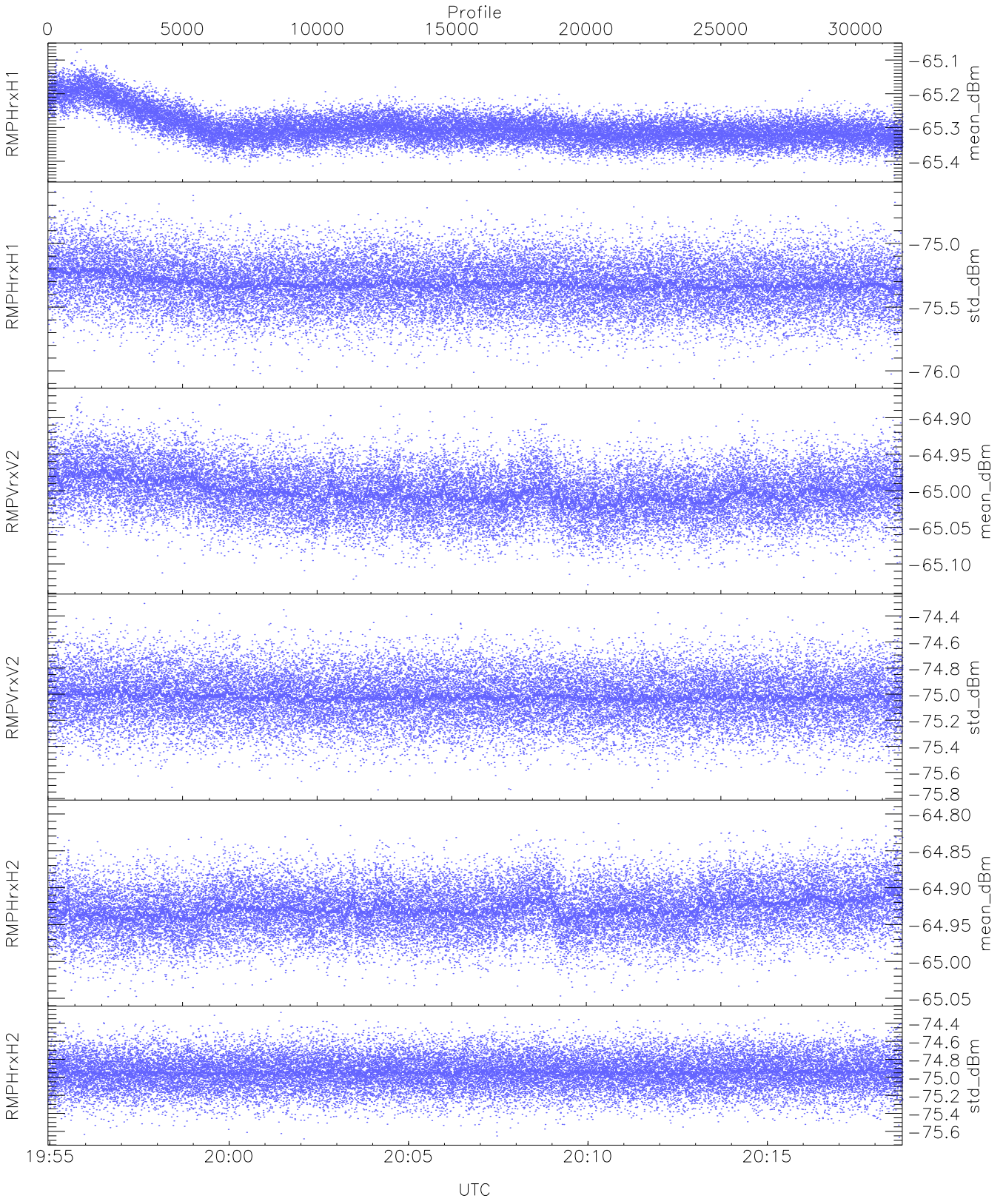






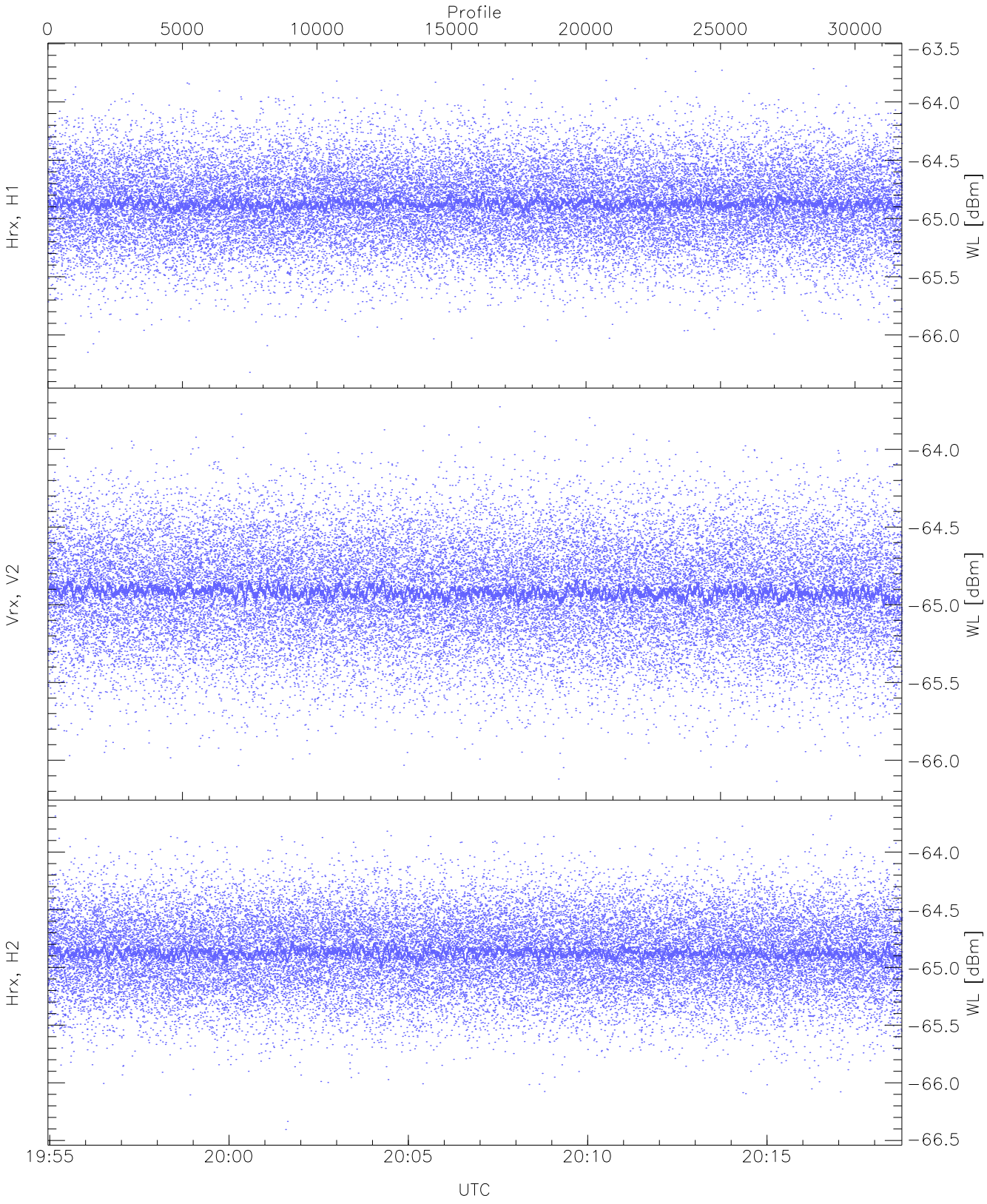
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 17 pixs, 1 gates, 17 profs, 1 prod(s)



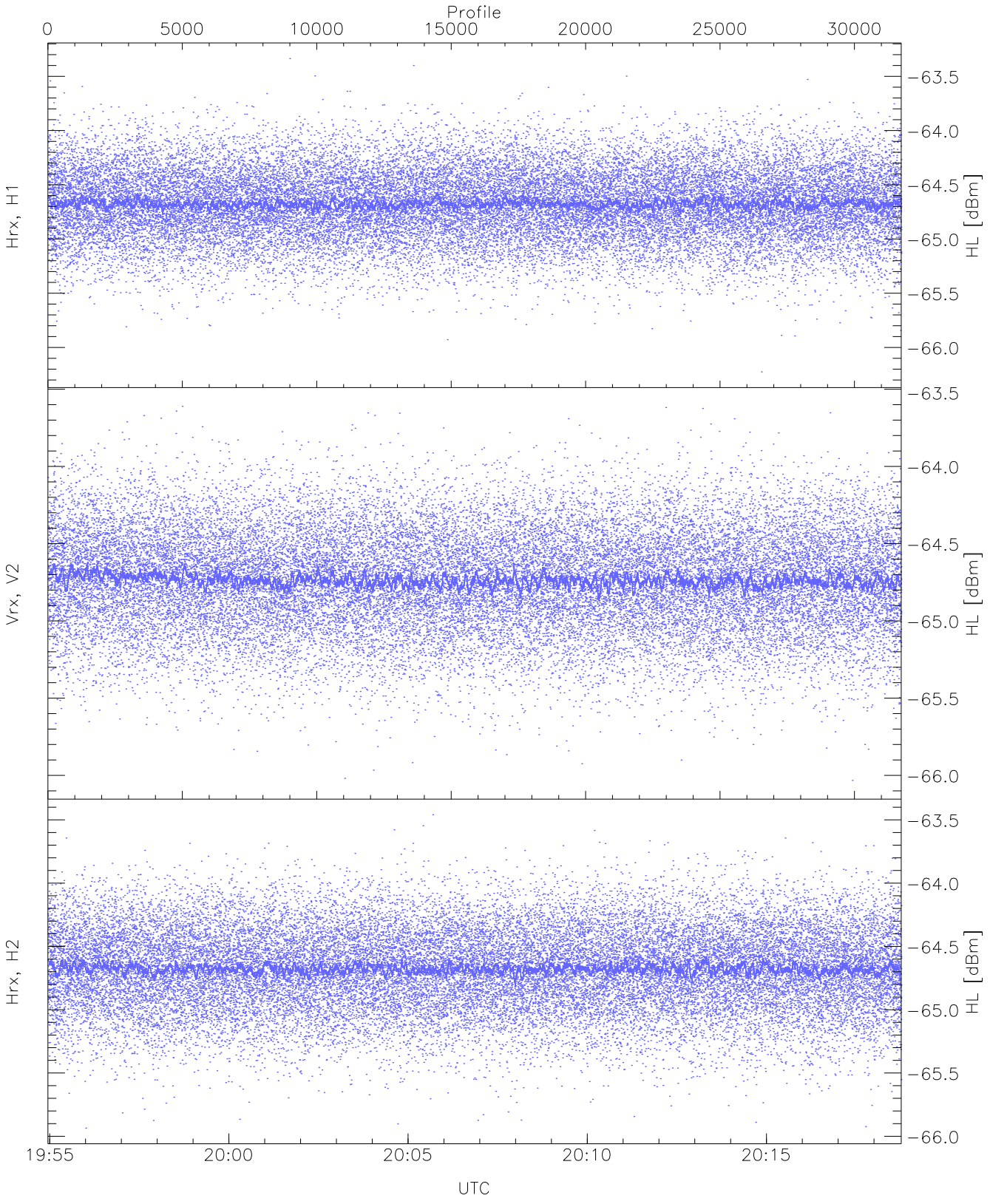
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.07	-65.30	-65.31	-84.94
RMPHrxH1(std_dBm)	-76.06	-74.59	-75.31	-75.32	-89.03
RMPVrxV2(mean_dBm)	-65.13	-64.87	-65.00	-65.00	-86.27
RMPVrxV2(std_dBm)	-75.74	-74.30	-75.02	-75.02	-88.82
RMPHrxH2(mean_dBm)	-65.05	-64.79	-64.93	-64.93	-86.37
RMPHrxH2(std_dBm)	-75.68	-74.28	-74.94	-74.95	-88.74



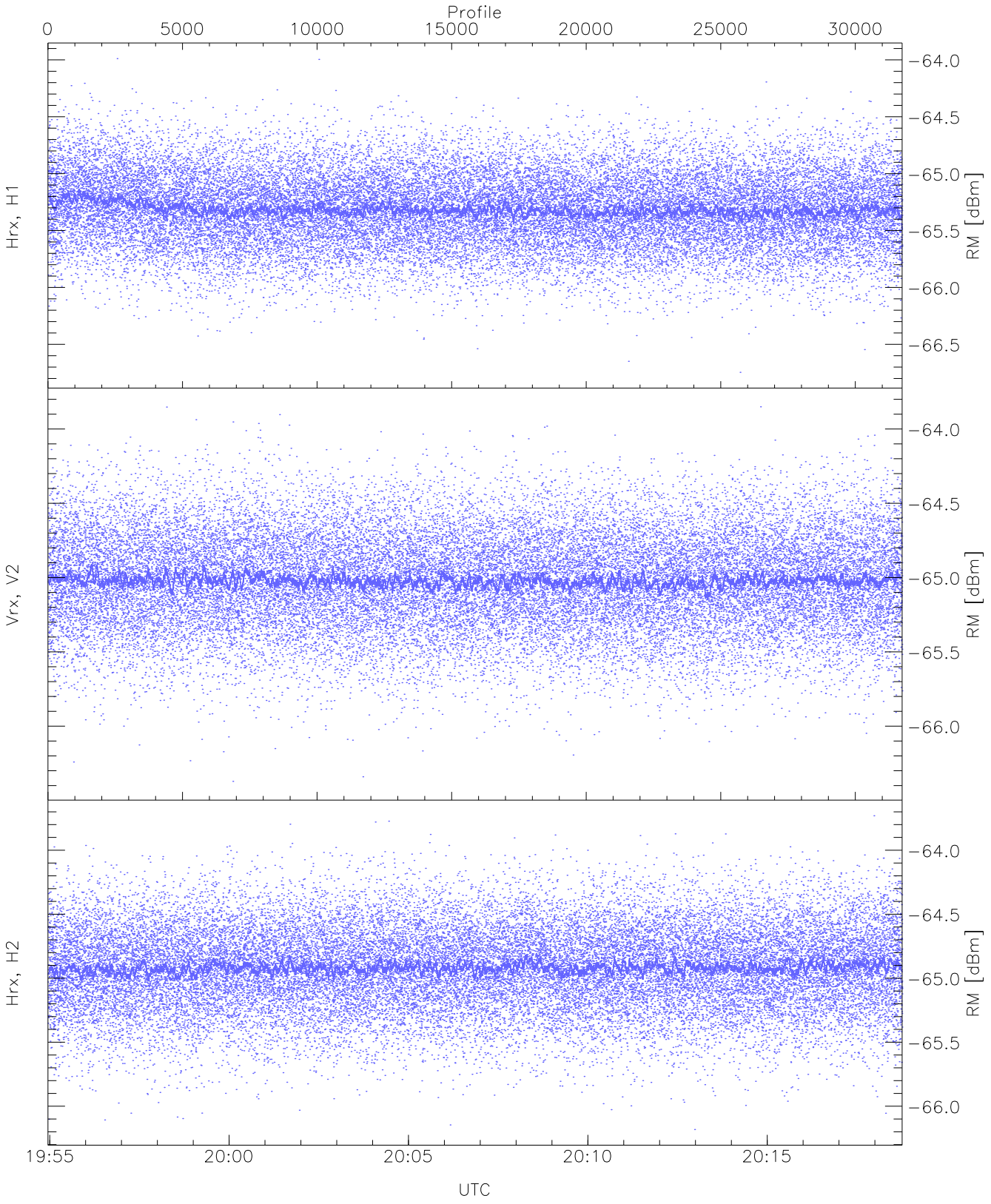
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.32	-63.63	-64.87	-64.88	-76.37
Vrx, V2(WL [dBm])	-66.14	-63.73	-64.91	-64.92	-76.43
Hrx, H2(WL [dBm])	-66.40	-63.69	-64.87	-64.87	-76.36



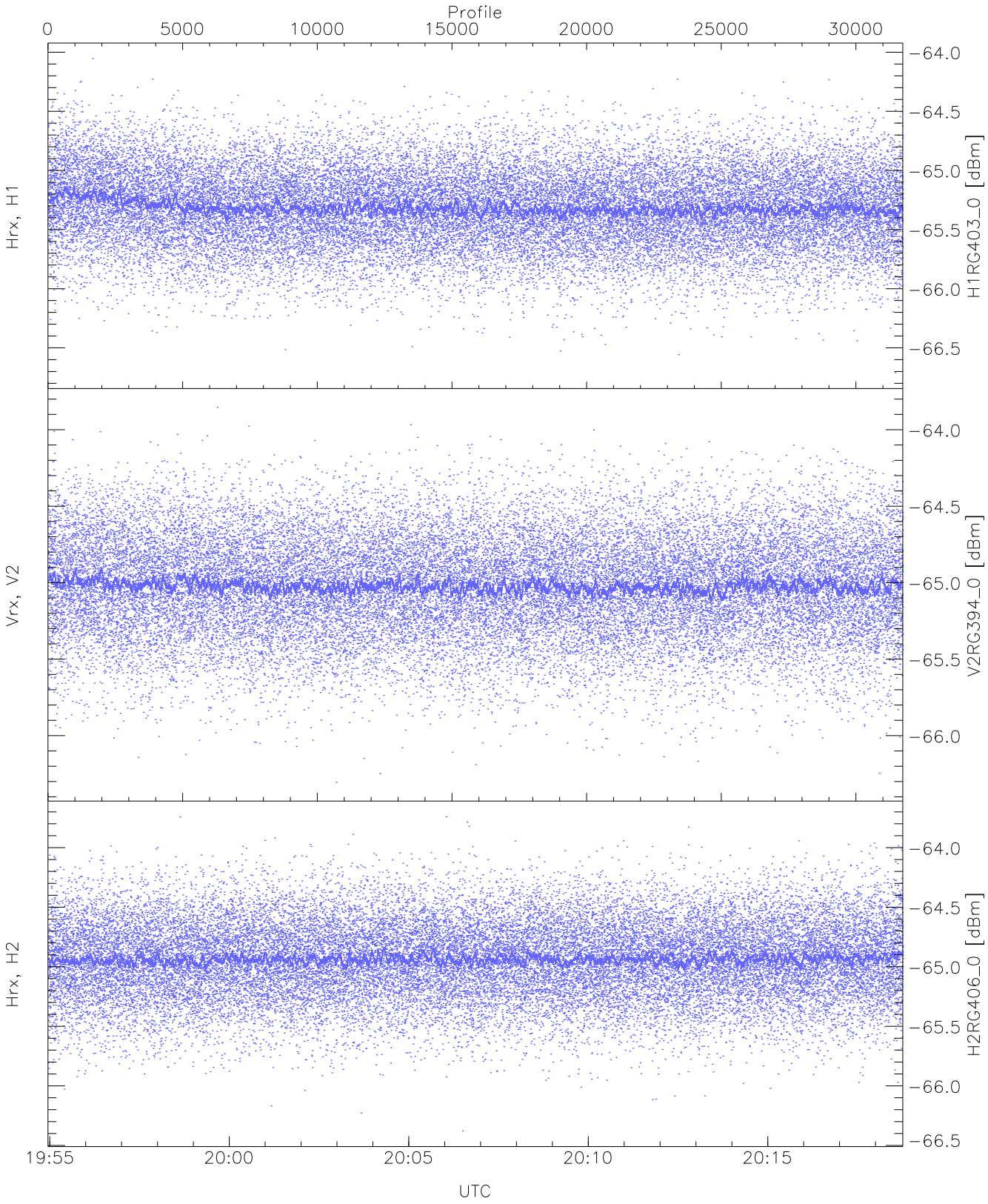
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.23	-63.34	-64.67	-64.68	-76.17
Vrx, V2(HL [dBm])	-66.03	-63.61	-64.73	-64.74	-76.26
Hrx, H2(HL [dBm])	-65.94	-63.46	-64.67	-64.68	-76.17



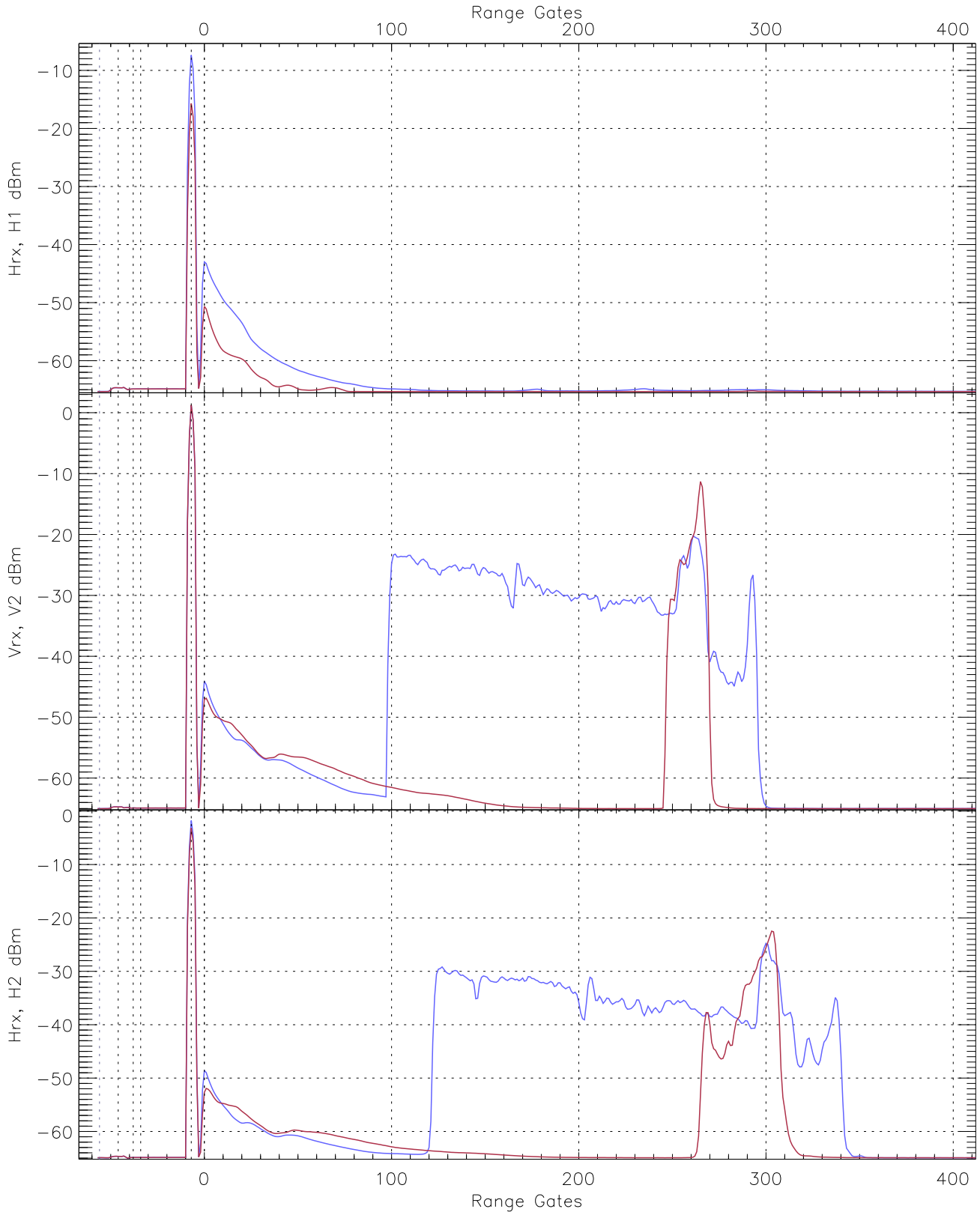
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.75	-63.99	-65.31	-65.31	-76.81
Vrx, V2(RM [dBm])	-66.37	-63.85	-65.01	-65.02	-76.55
Hrx, H2(RM [dBm])	-66.18	-63.73	-64.91	-64.92	-76.41

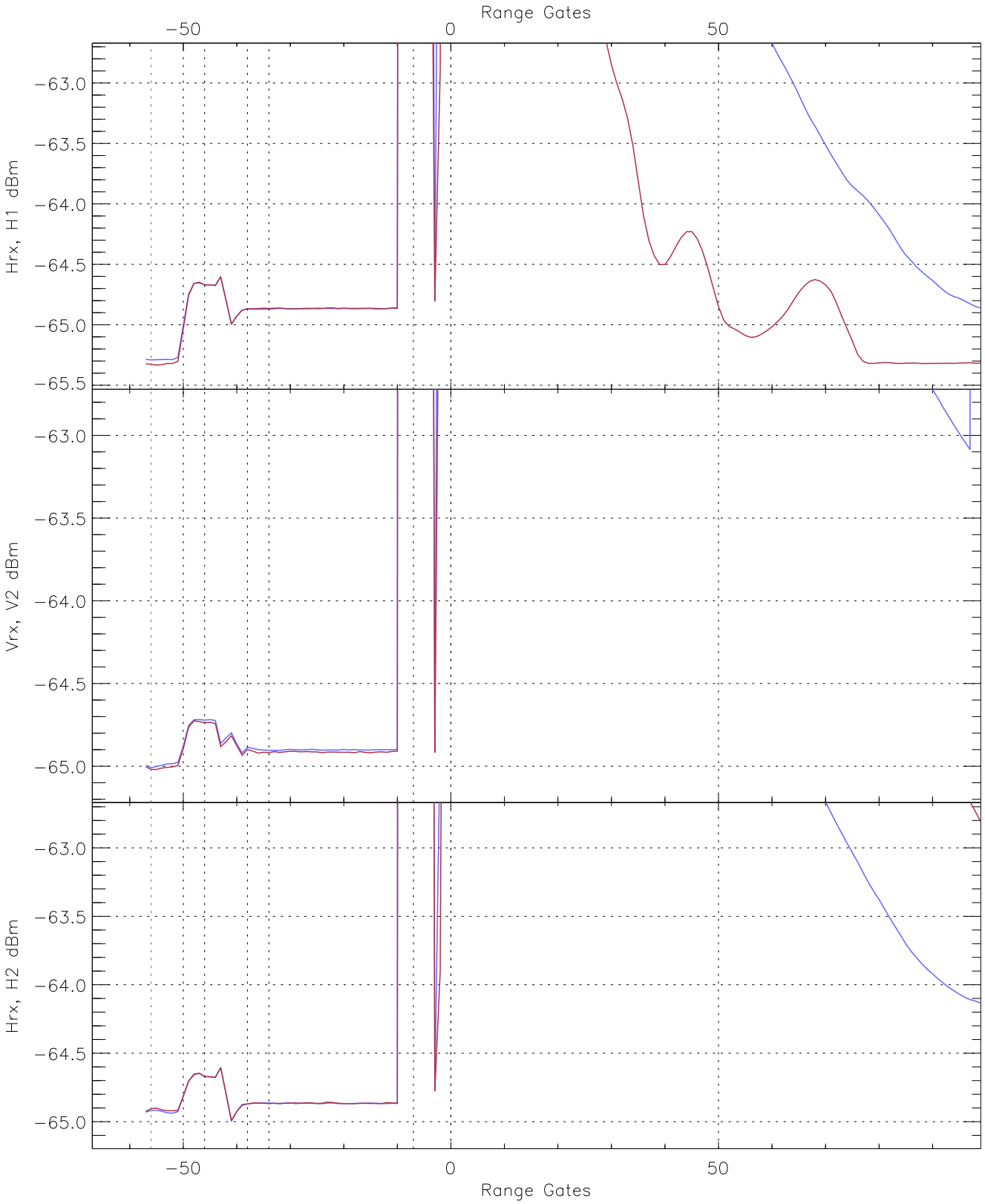


WCR3 CPP "Best" estimate Receivers Noise Power

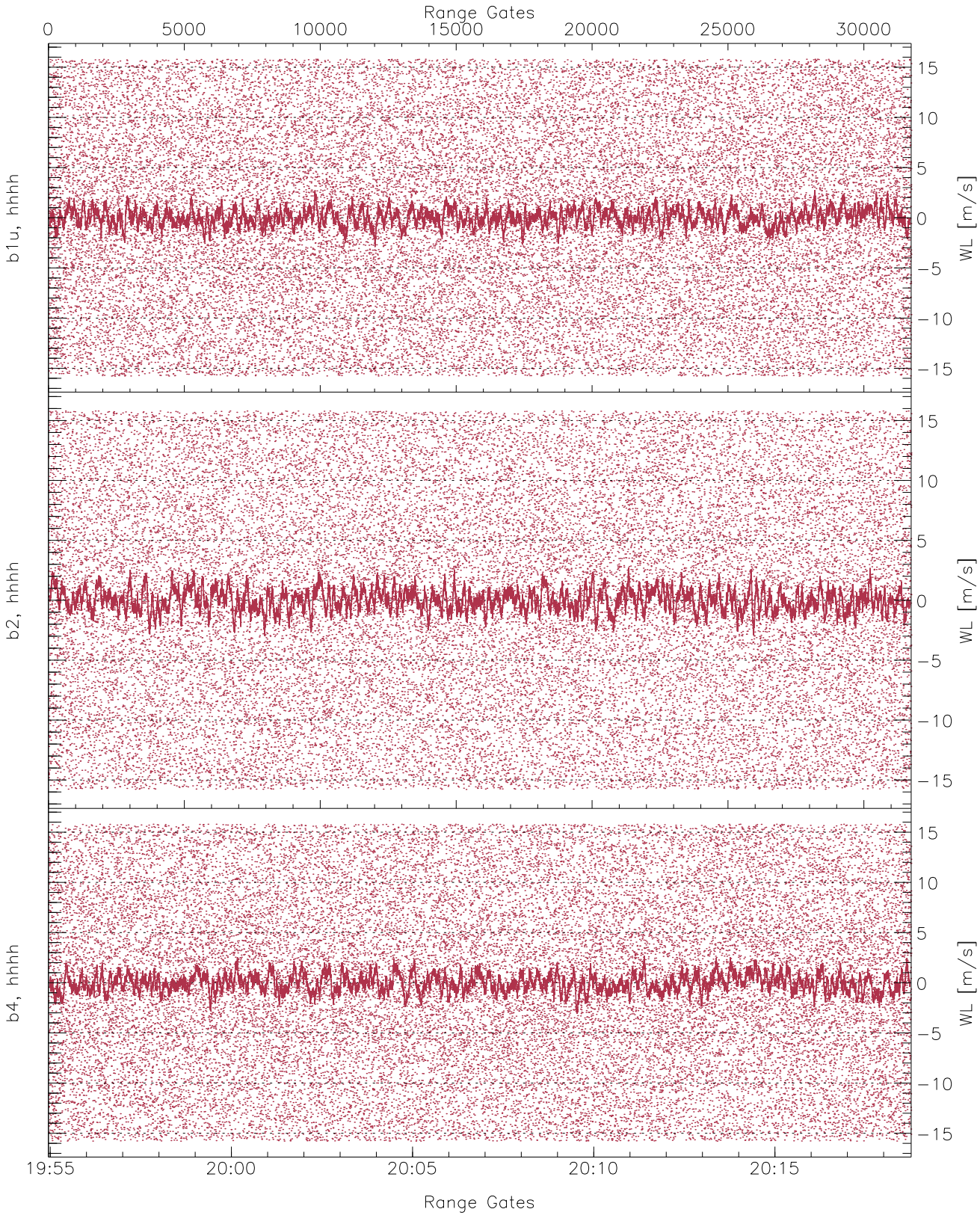
	Min	Max	Mean	Median	StDev
H1RG403_0 [dBm]	-66.71	-64.06	-65.31	-65.32	-76.78
V2RG394_0 [dBm]	-66.31	-63.85	-65.01	-65.02	-76.53
H2RG406_0 [dBm]	-66.38	-63.74	-64.93	-64.94	-76.42



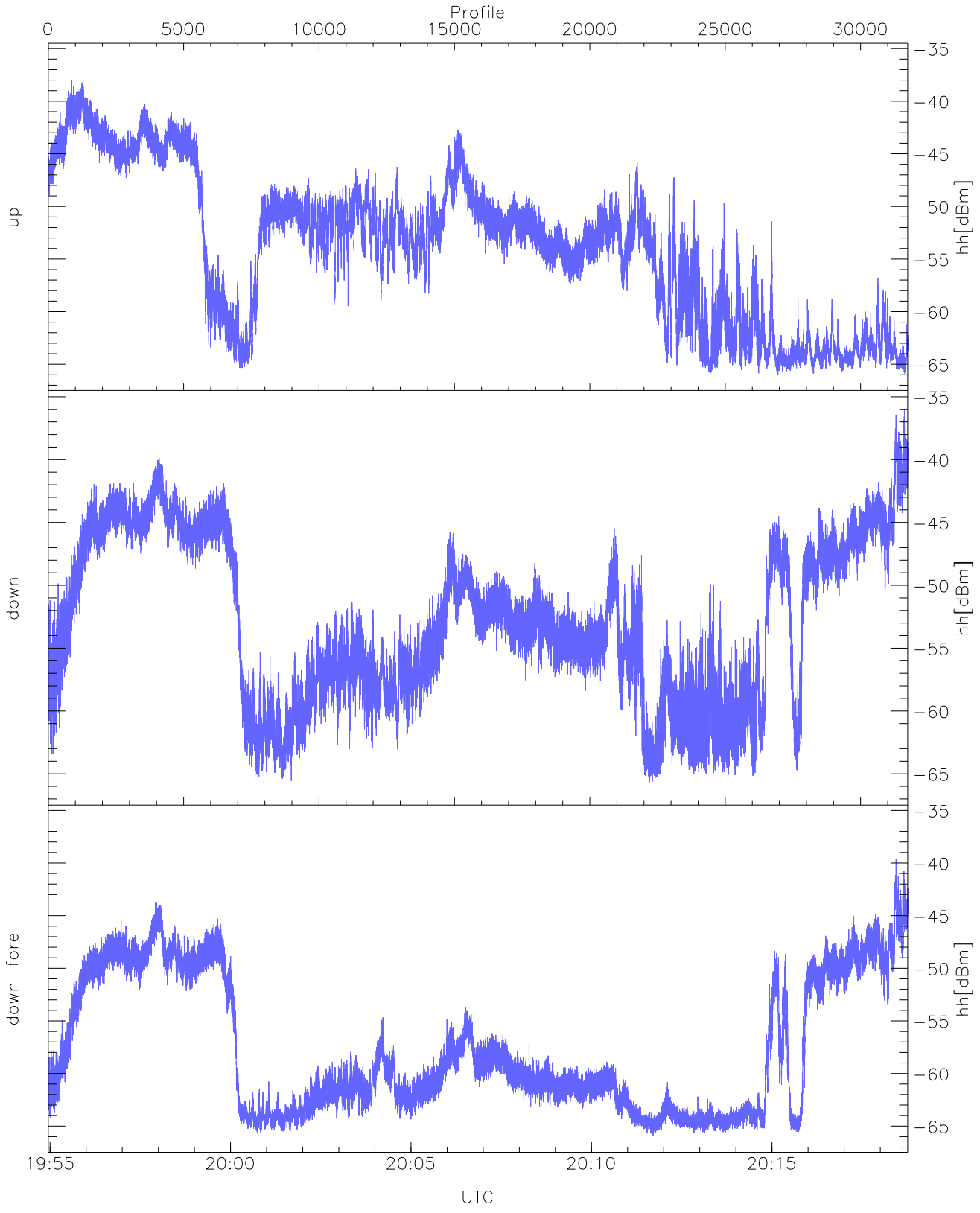
WCR3 CPP Averaged Received power for all recorded gates
blue: 195457-200651, 15871 profiles averaged
red: 200651-201846, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 195457-200651, 15871 profiles averaged
red: 200651-201846, 15871 profiles averaged

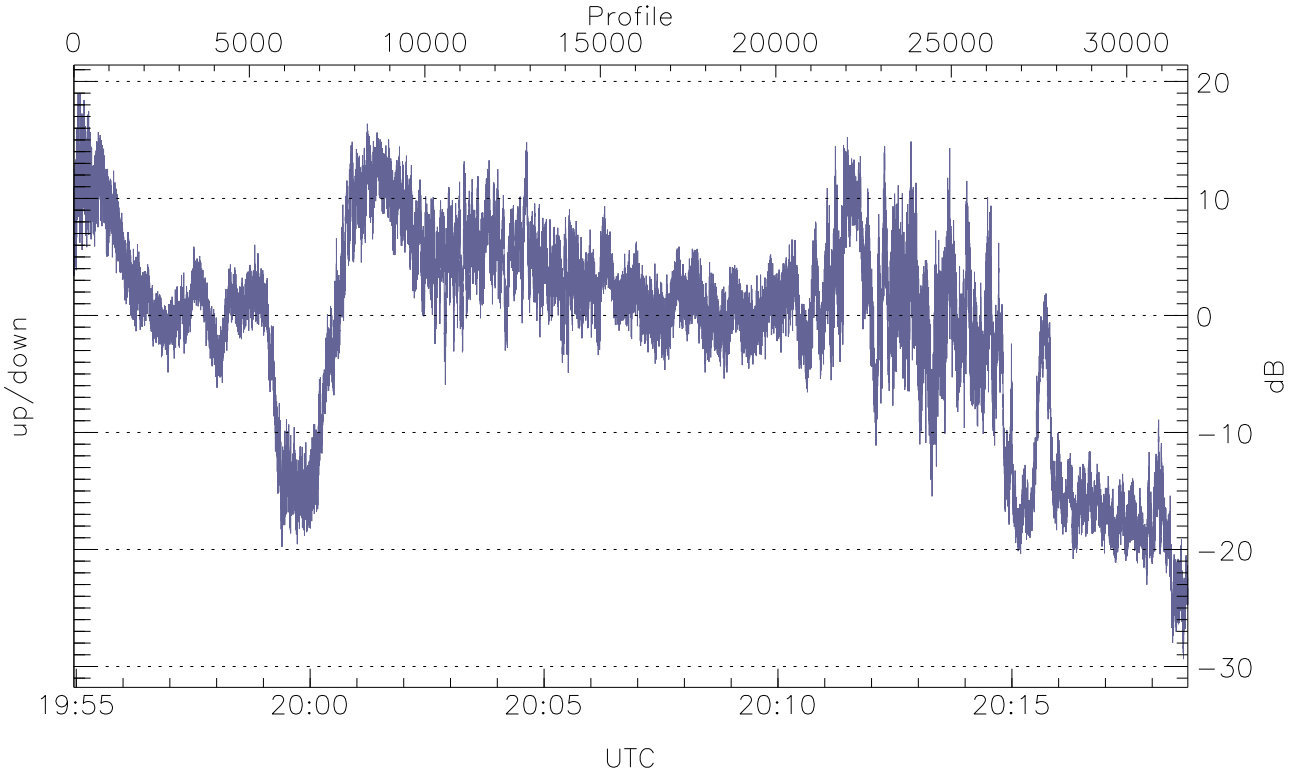


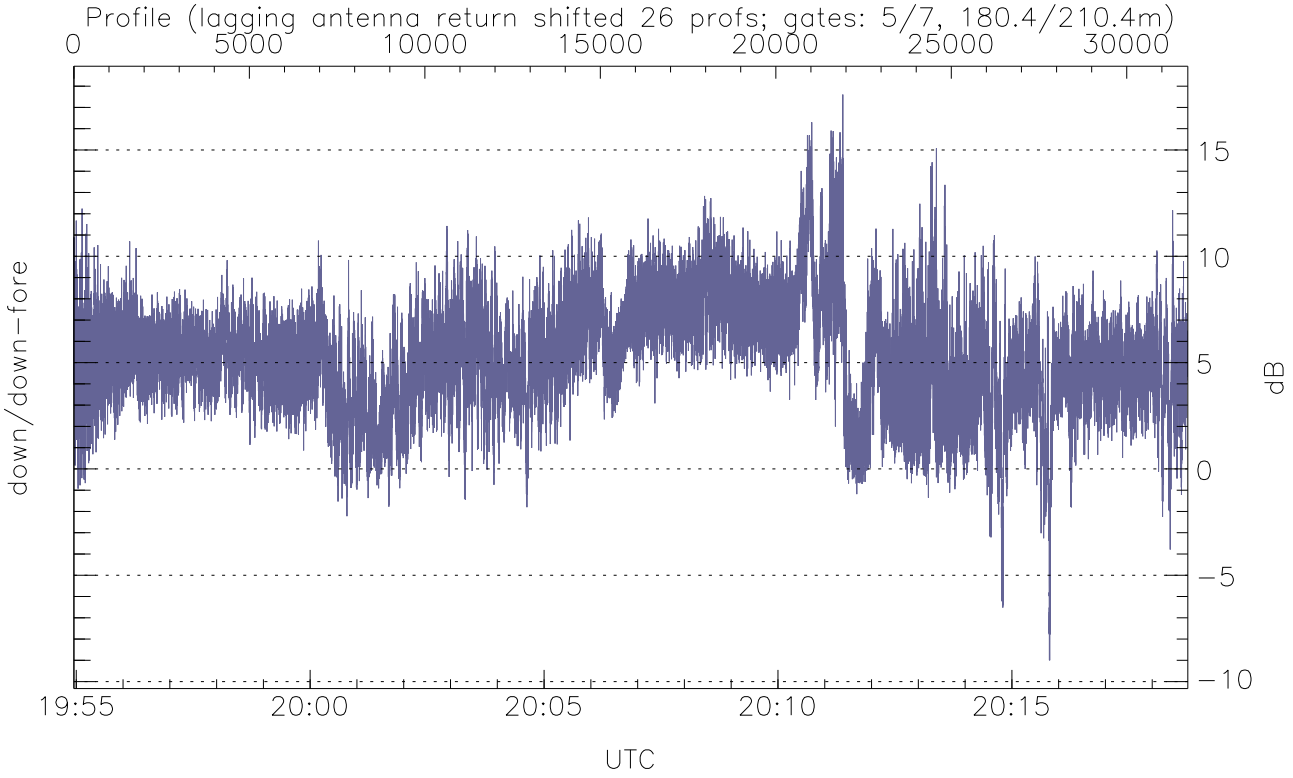
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

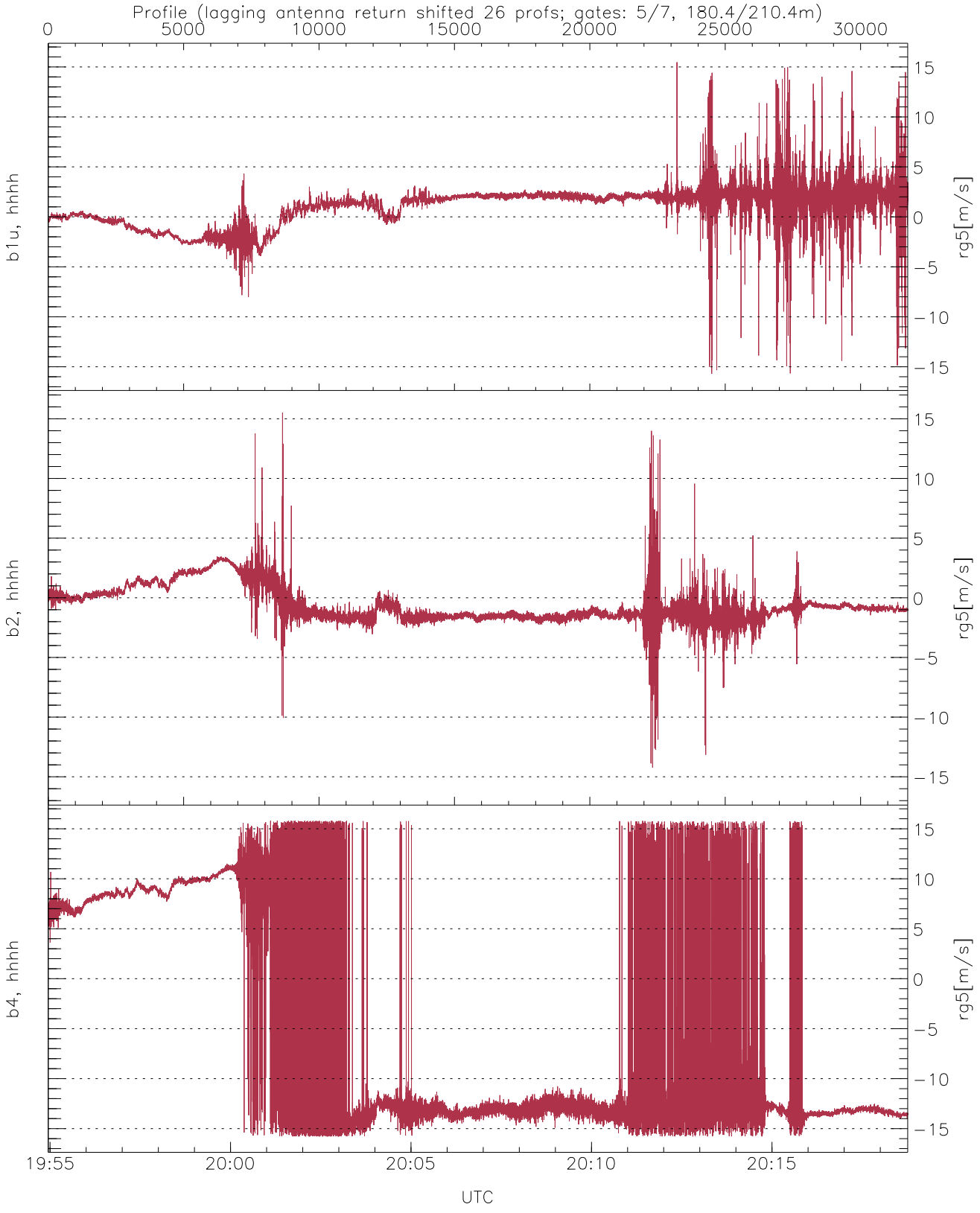
	Min	Max	Mean
up(hh[dBm])	-65.99	-37.97	-49.04
down(hh[dBm])	-65.66	-35.99	-48.85
down-fore(hh[dBm])	-65.86	-39.65	-53.02





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

	Min	Max	Mean
up/down(dB)	-29.37	18.99	-0.95
down/down-fore(dB)	-9.00	17.61	5.27



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.70	15.48	0.95	1.91
b2, hhhh(rg5[m/s])	-14.23	15.52	-0.60	1.46
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.41	10.90