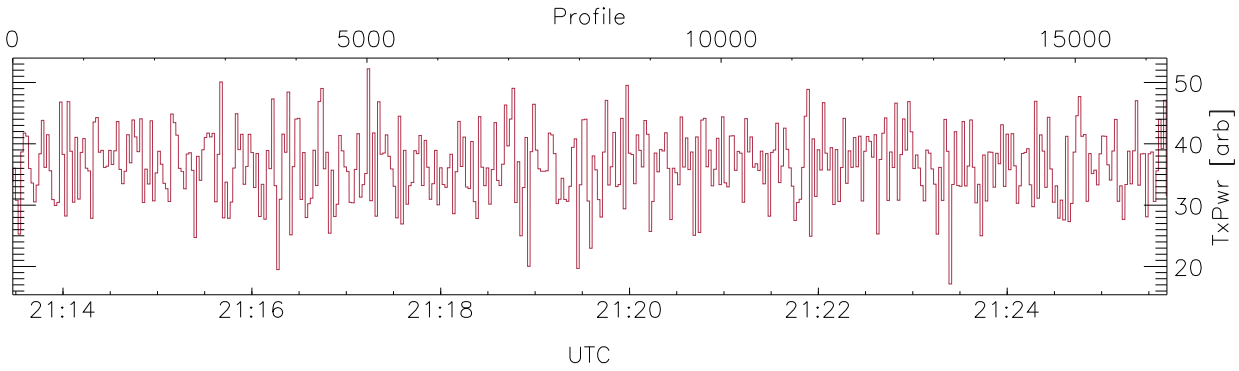
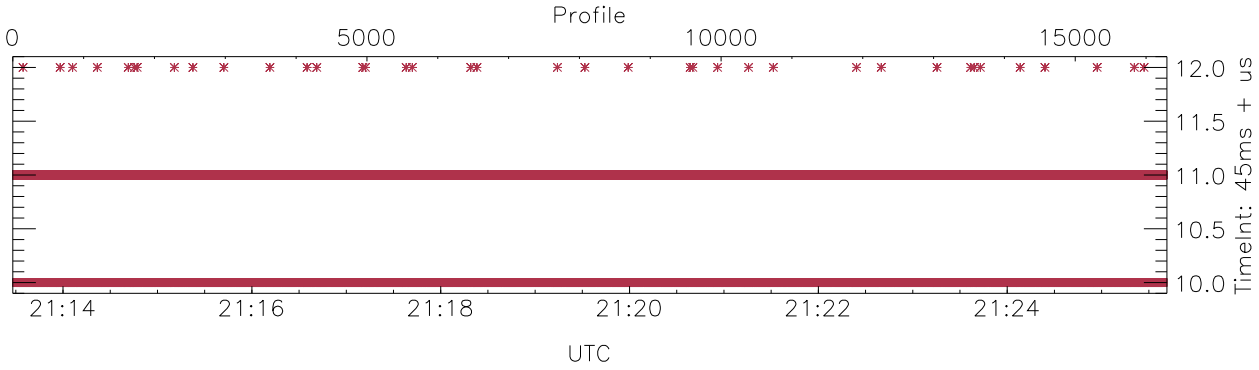
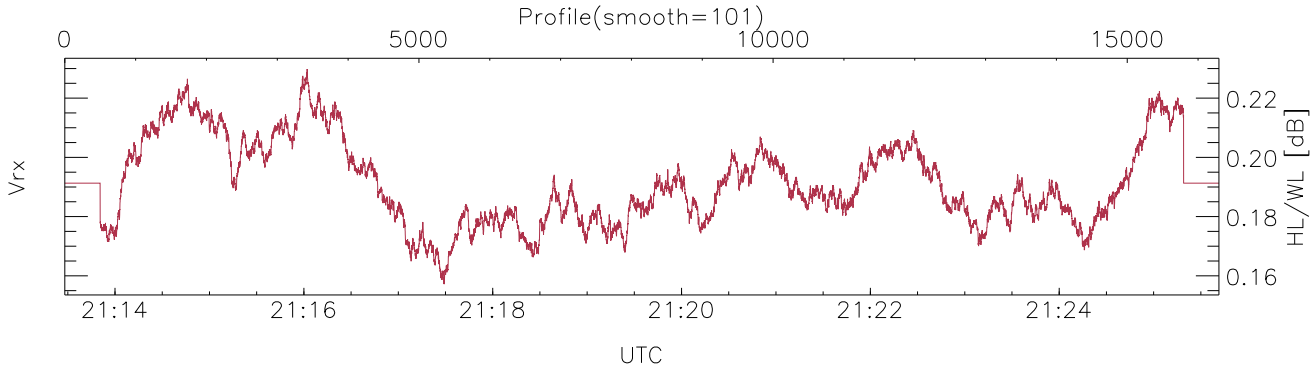
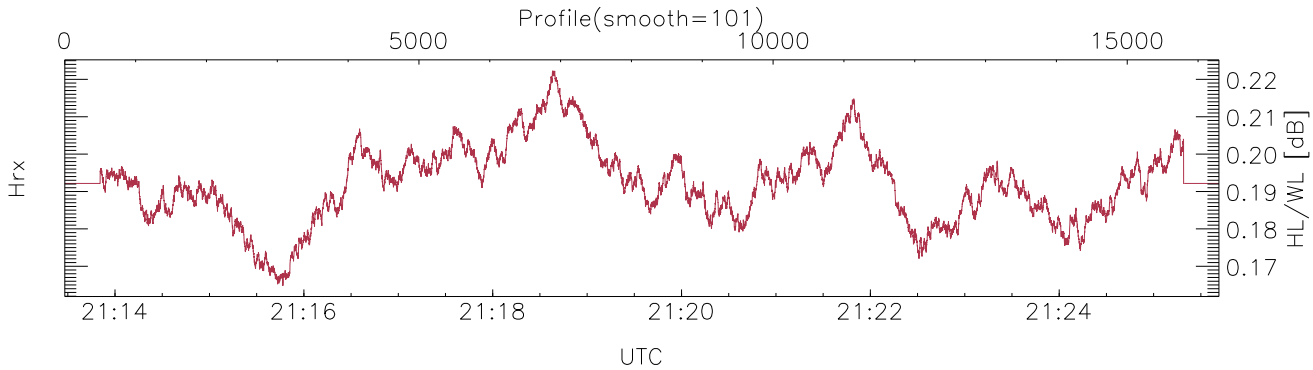


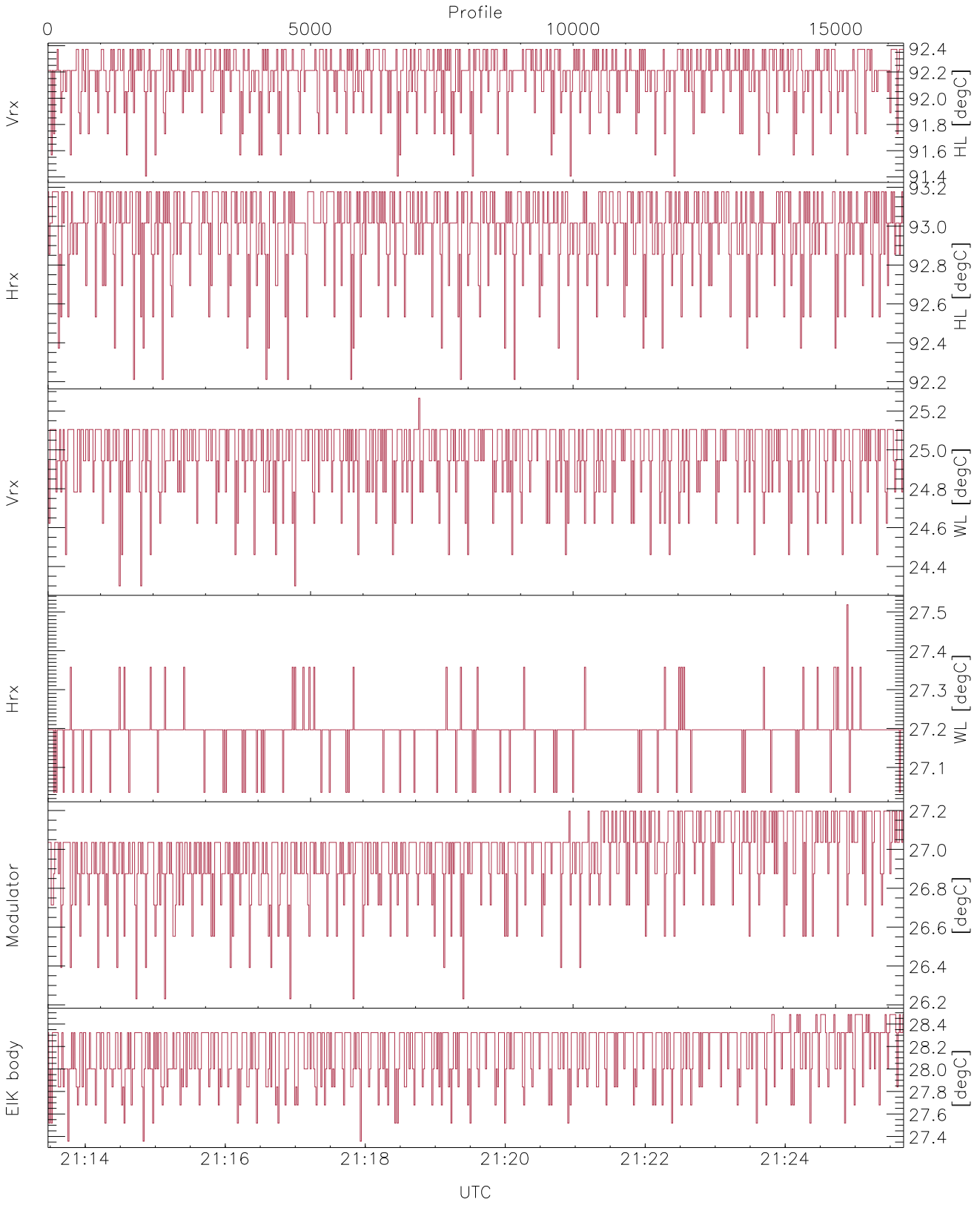






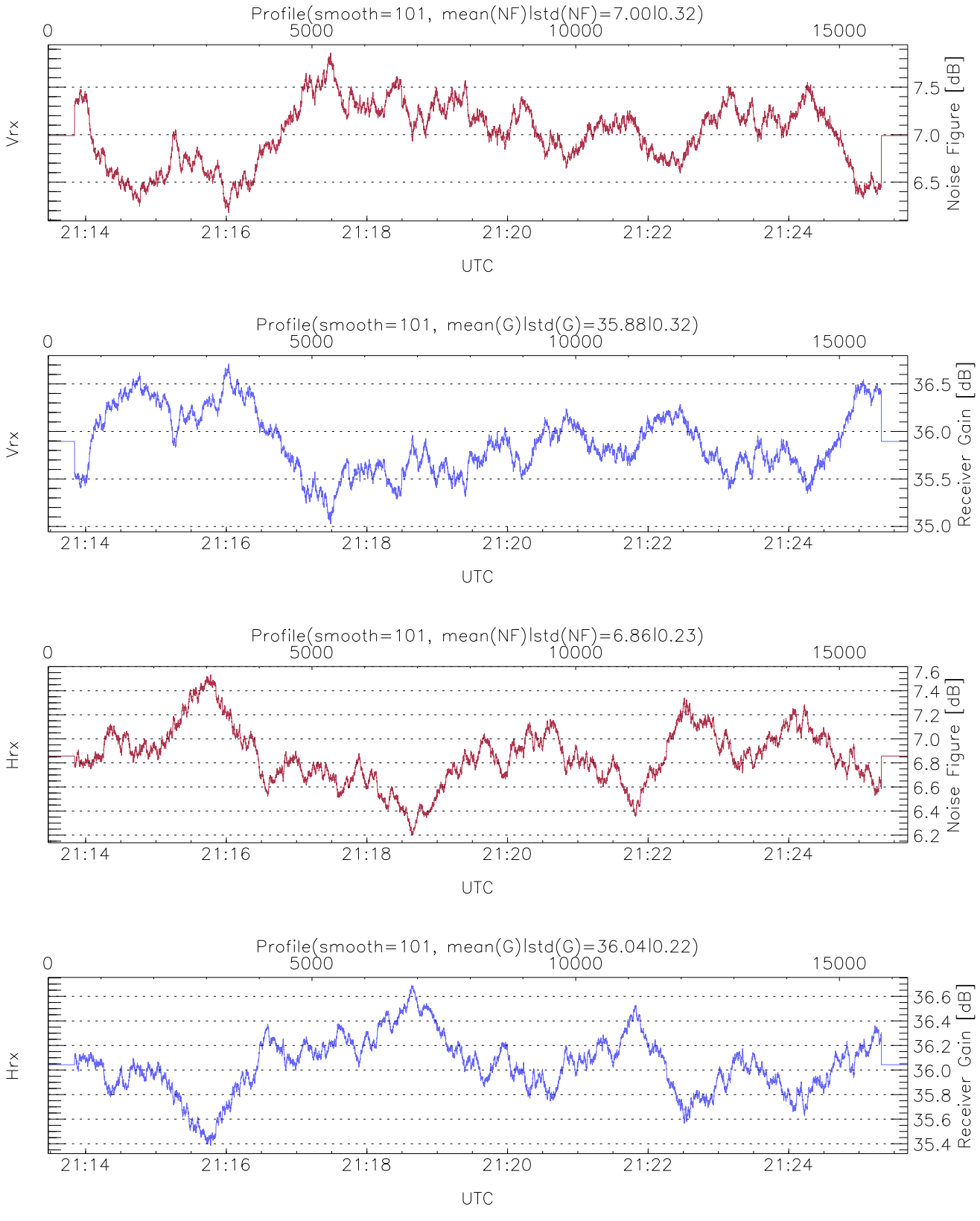
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:13:28-21:25:42, TimeCor: 0.00s, Dur: 733.46s
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): 16296/16296, 0-16295/21:13:28-21:25:42
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



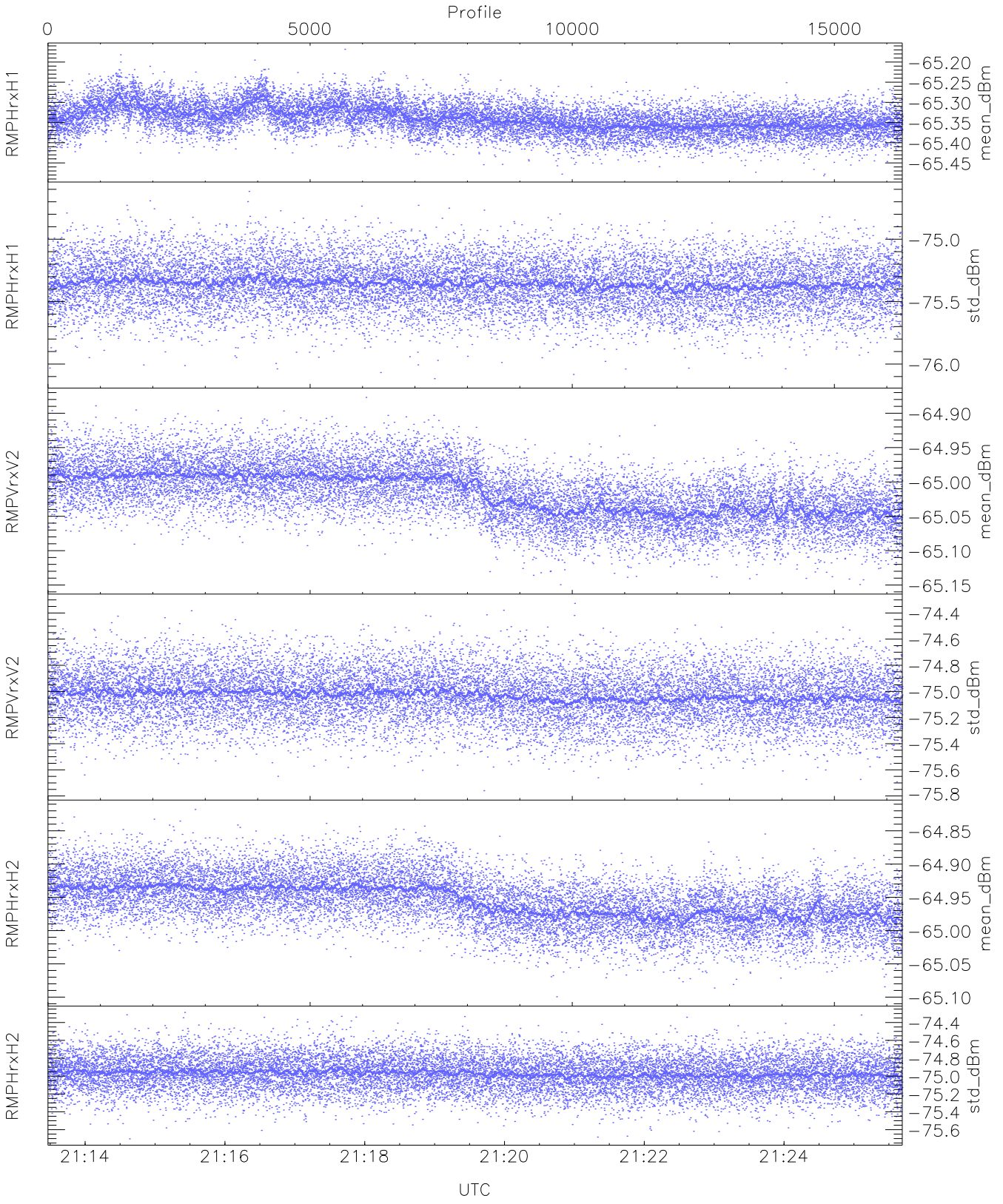
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,26,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,27,28
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
BodyCurr,DeckF (24,24)



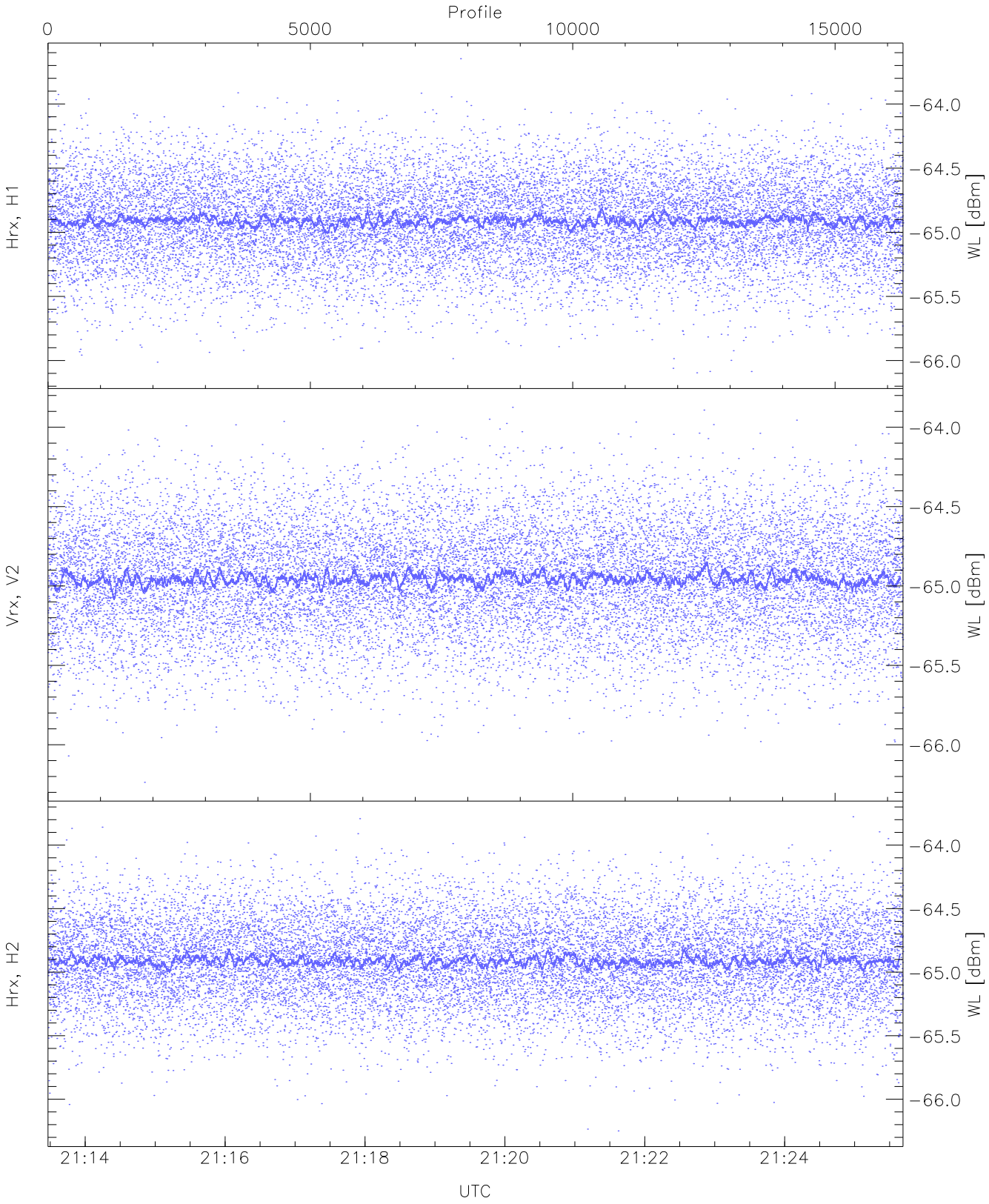
WCR3 CPP Receivers Gain and Noise Figure

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



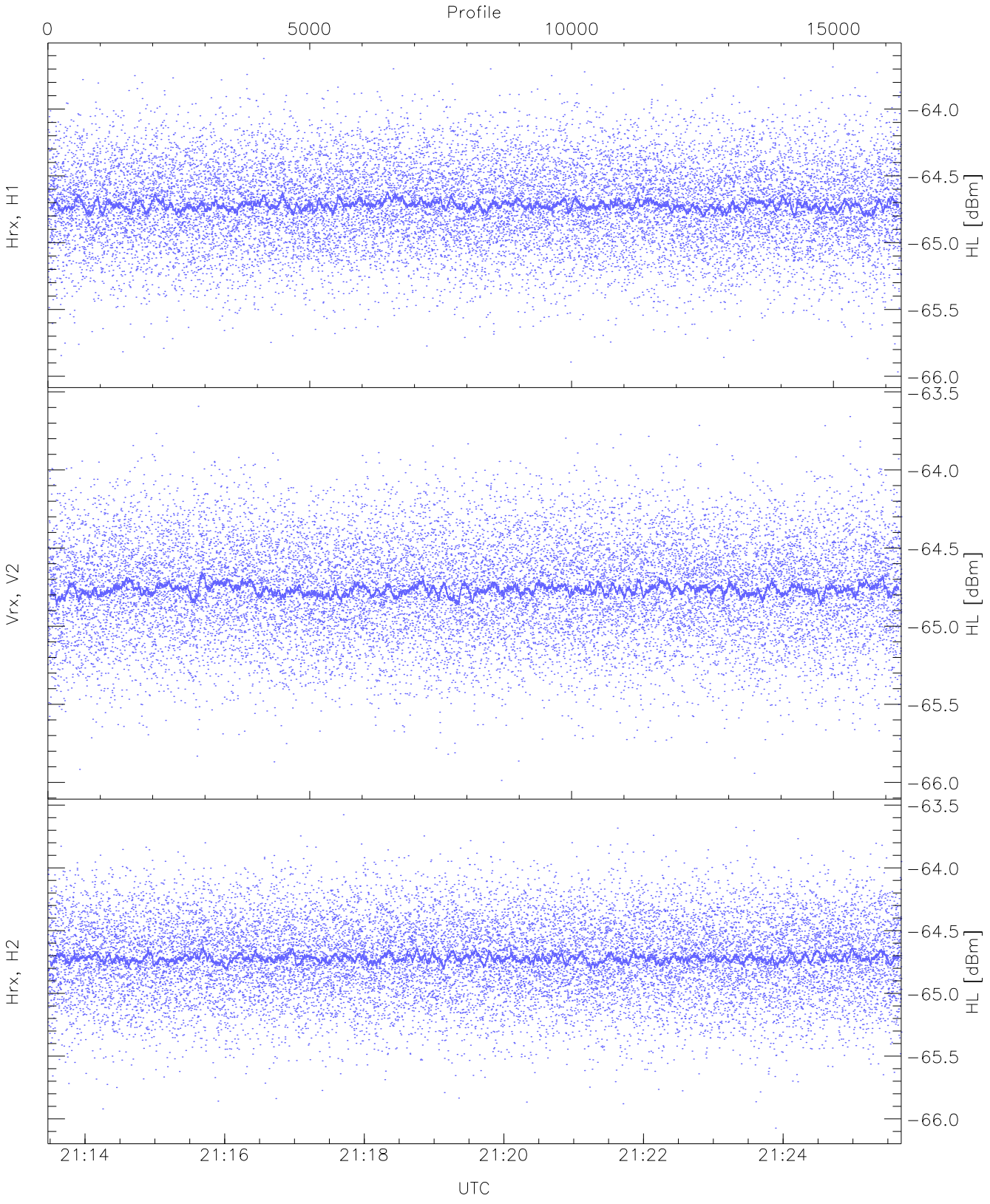
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.17	-65.34	-65.34	-86.09
RMPHrxH1(std_dBm)	-76.12	-74.62	-75.35	-75.36	-89.10
RMPVrxV2(mean_dBm)	-65.15	-64.88	-65.02	-65.02	-85.44
RMPVrxV2(std_dBm)	-75.76	-74.33	-75.03	-75.03	-88.79
RMPHrxH2(mean_dBm)	-65.10	-64.82	-64.96	-64.96	-85.72
RMPHrxH2(std_dBm)	-75.70	-74.29	-74.97	-74.97	-88.76



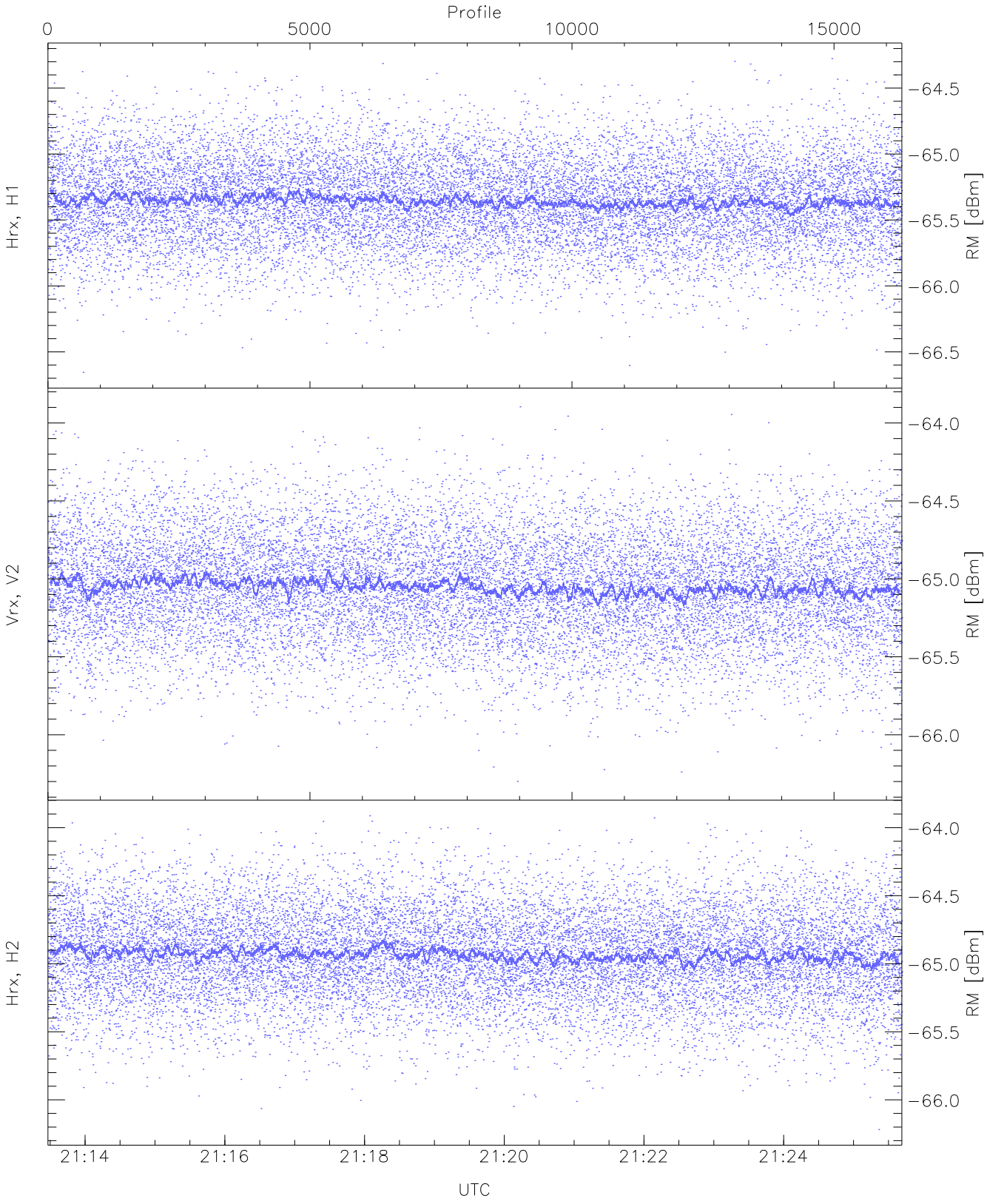
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.10	-63.65	-64.90	-64.91	-76.45
Vrx, V2(WL [dBm])	-66.24	-63.87	-64.95	-64.95	-76.49
Hrx, H2(WL [dBm])	-66.25	-63.78	-64.90	-64.91	-76.46



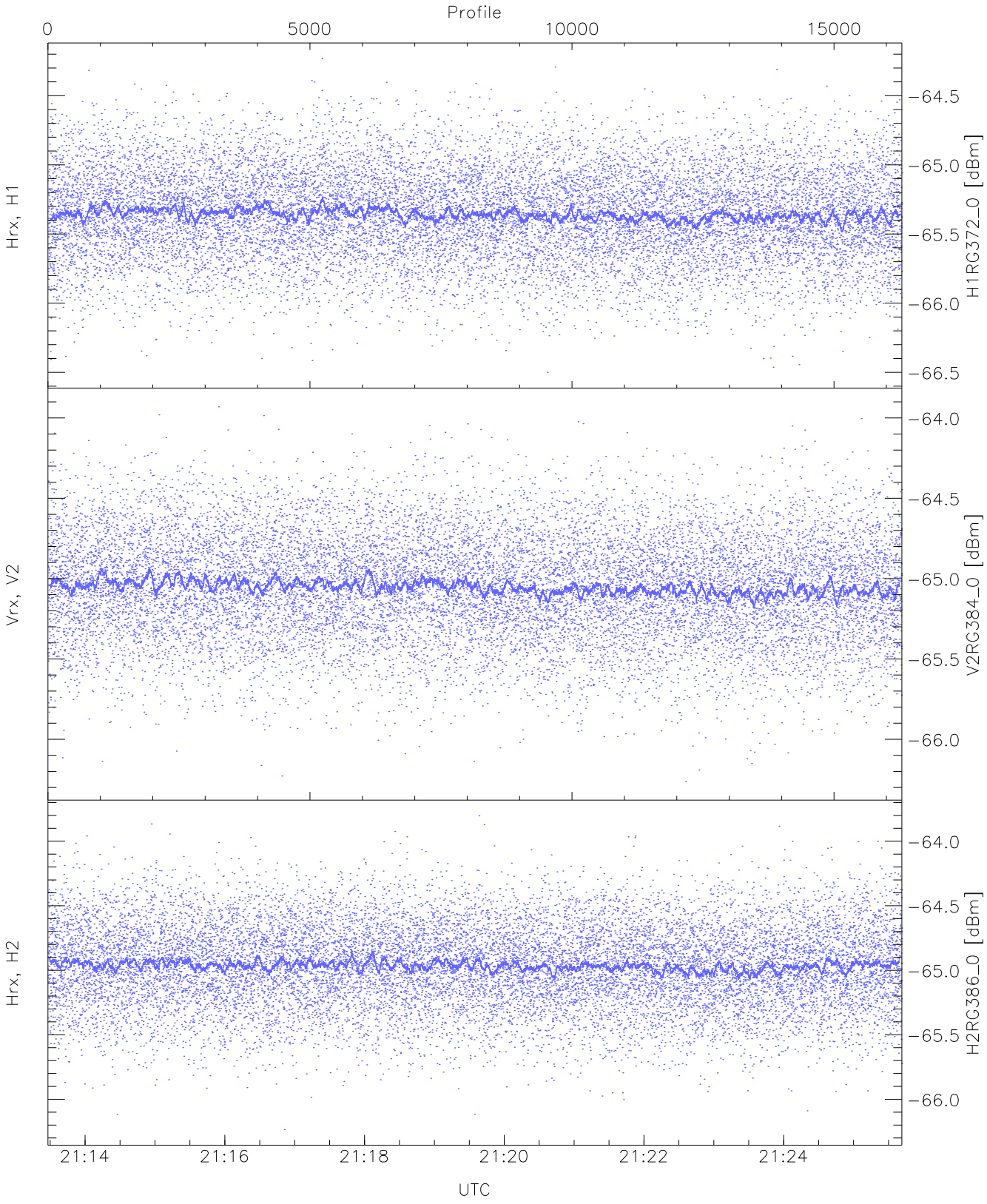
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.97	-63.62	-64.71	-64.72	-76.22
Vrx, V2(HL [dBm])	-65.99	-63.59	-64.76	-64.76	-76.28
Hrx, H2(HL [dBm])	-66.07	-63.58	-64.71	-64.72	-76.18



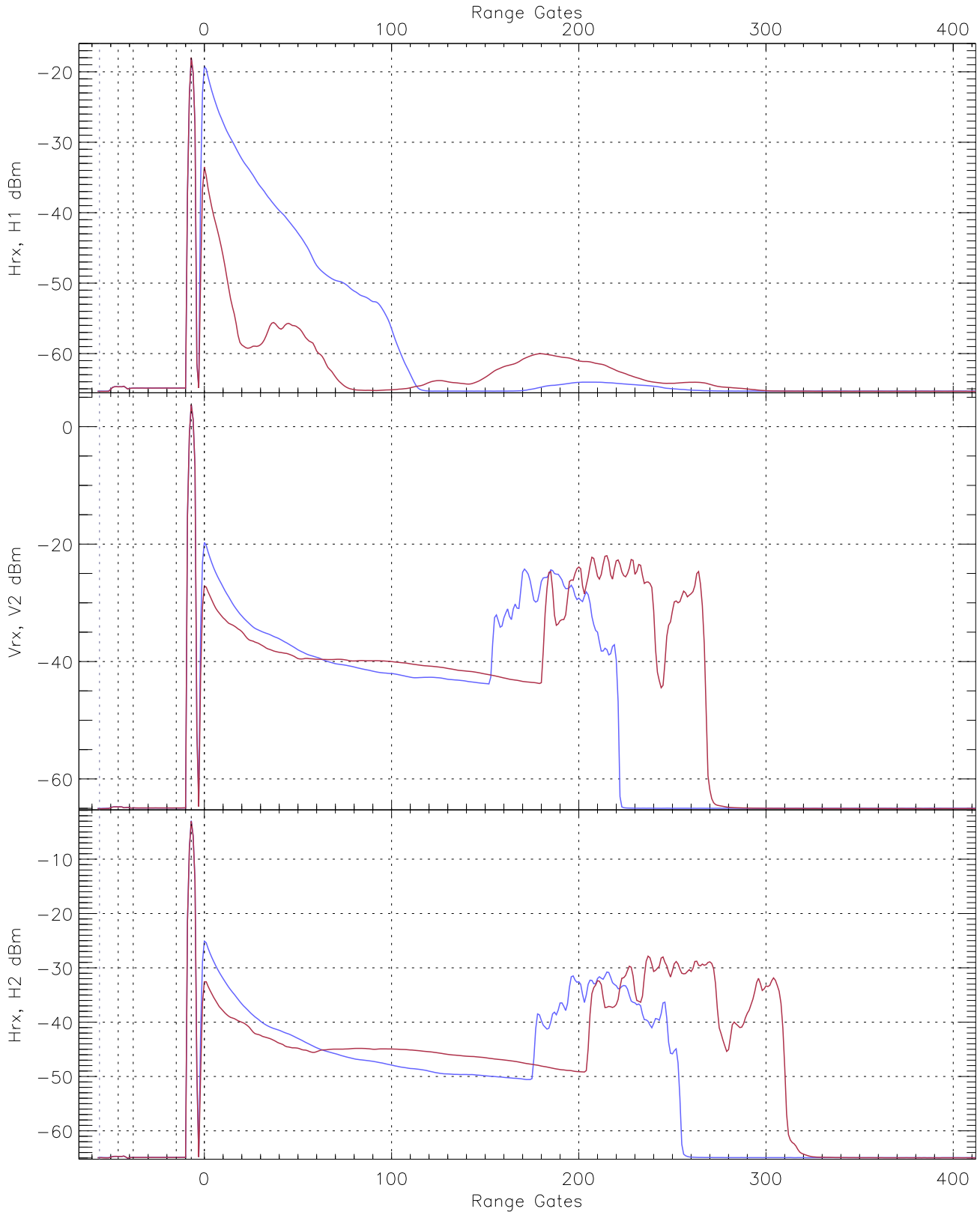
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.66	-64.28	-65.35	-65.36	-76.88
Vrx, V2(RM [dBm])	-66.30	-63.90	-65.04	-65.05	-76.53
Hrx, H2(RM [dBm])	-66.22	-63.91	-64.93	-64.94	-76.45

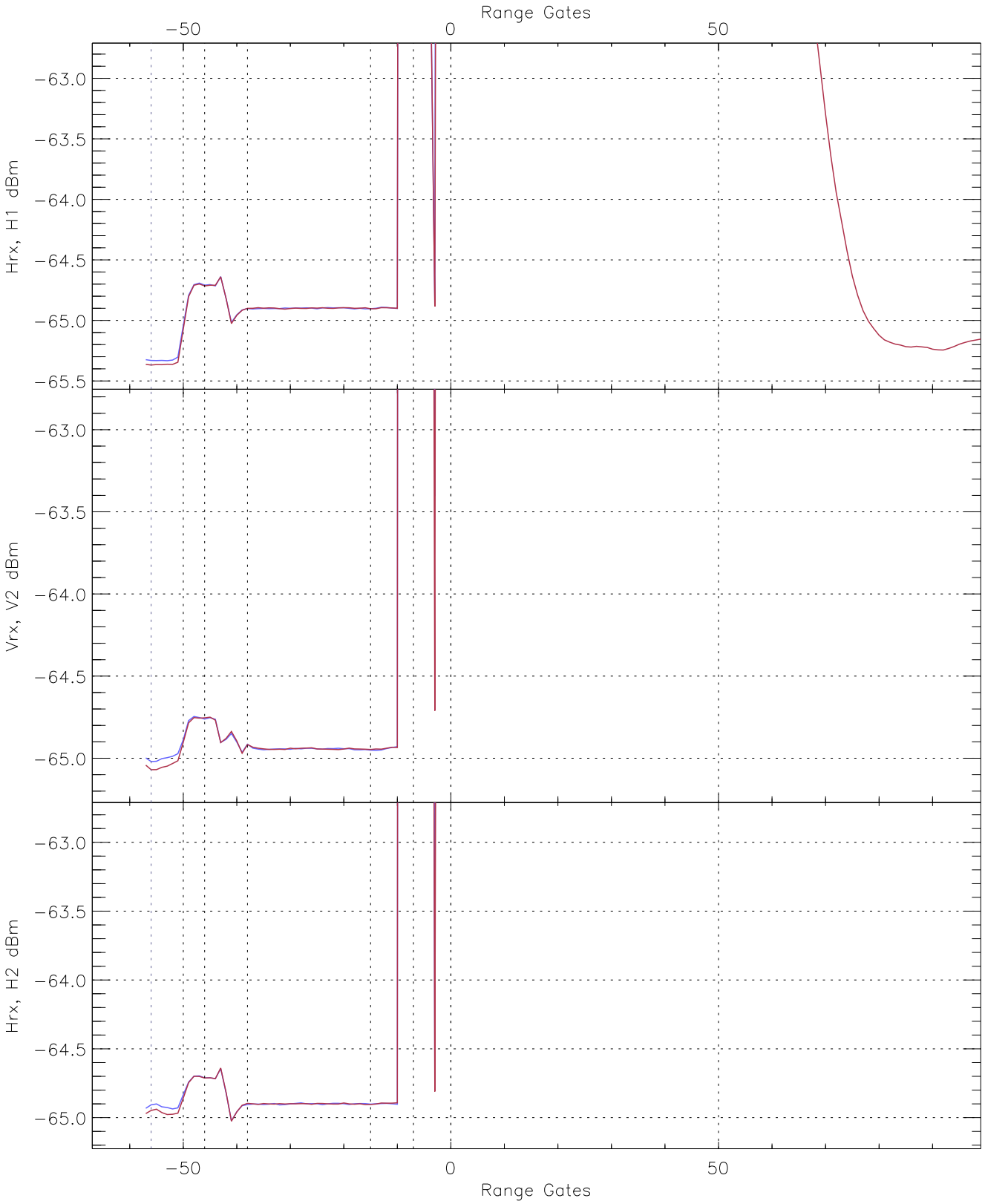


WCR3 CPP "Best" estimate Receivers Noise Power

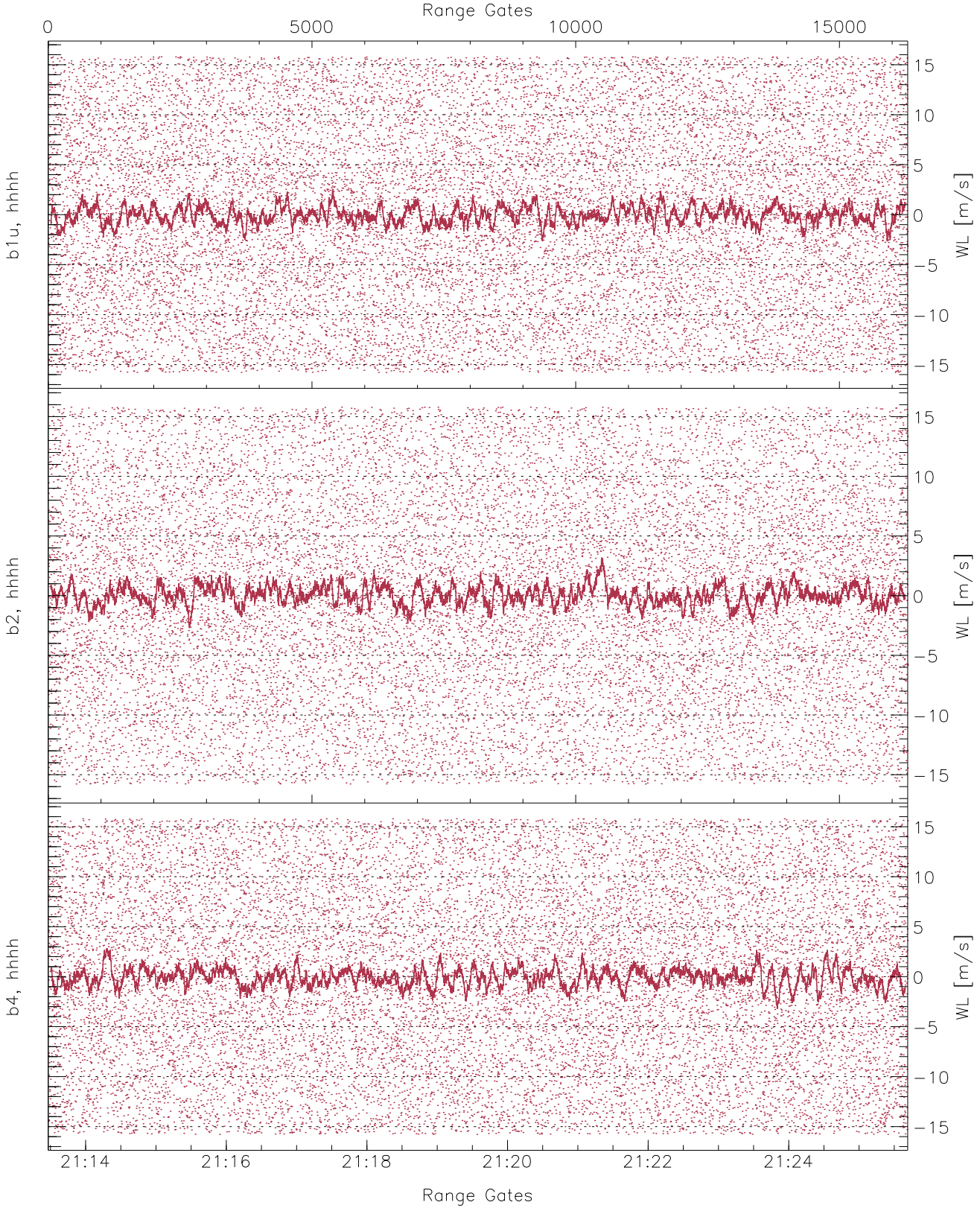
	Min	Max	Mean	Median	StDev
H1RG372_0 [dBm]	-66.50	-64.23	-65.35	-65.36	-76.82
V2RG384_0 [dBm]	-66.26	-63.93	-65.04	-65.05	-76.54
H2RG386_0 [dBm]	-66.23	-63.80	-64.96	-64.96	-76.45



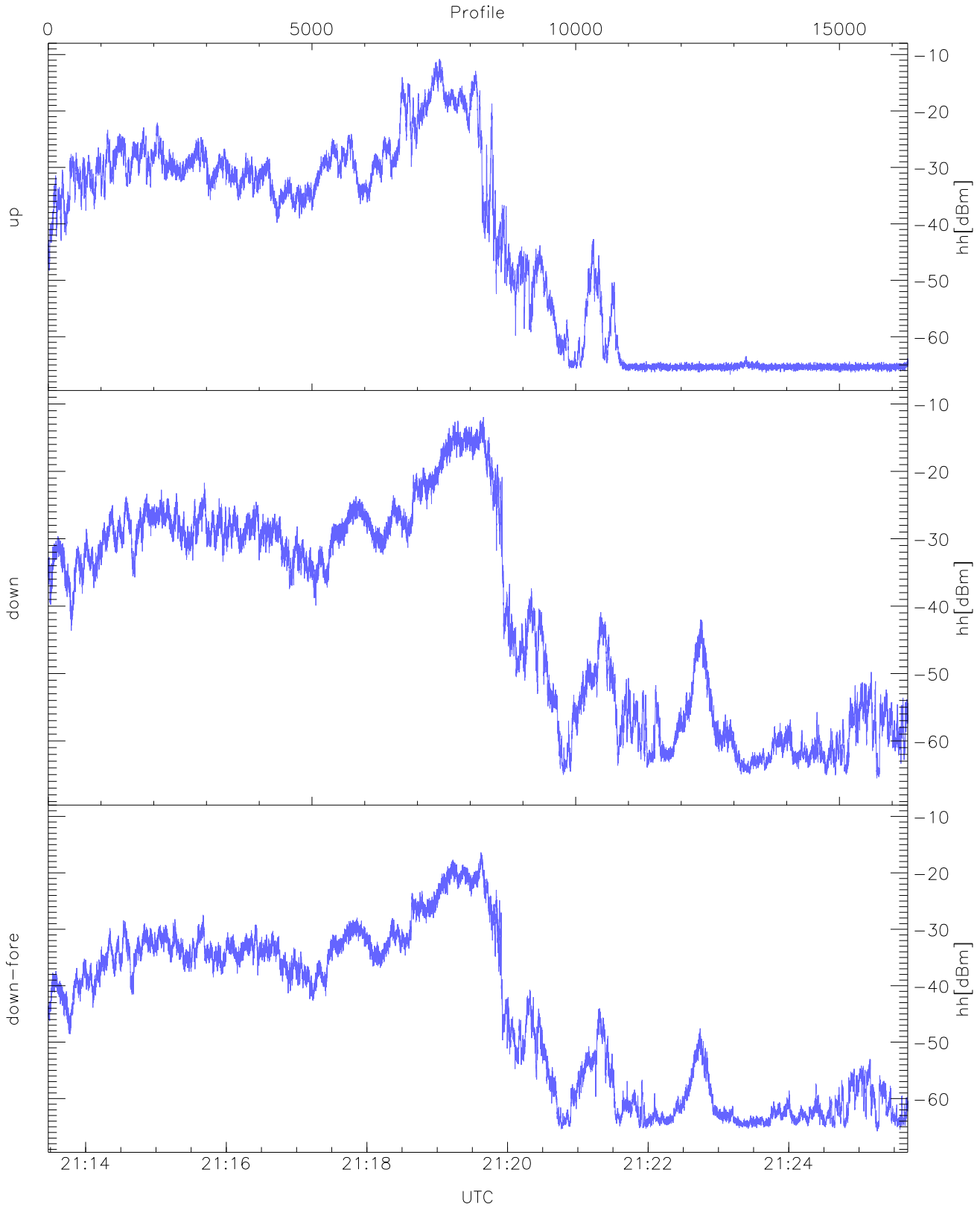
WCR3 CPP Averaged Received power for all recorded gates
blue: 211328-211935, 8149 profiles averaged
red: 211935-212542, 8148 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 211328-211935, 8149 profiles averaged
red: 211935-212542, 8148 profiles averaged

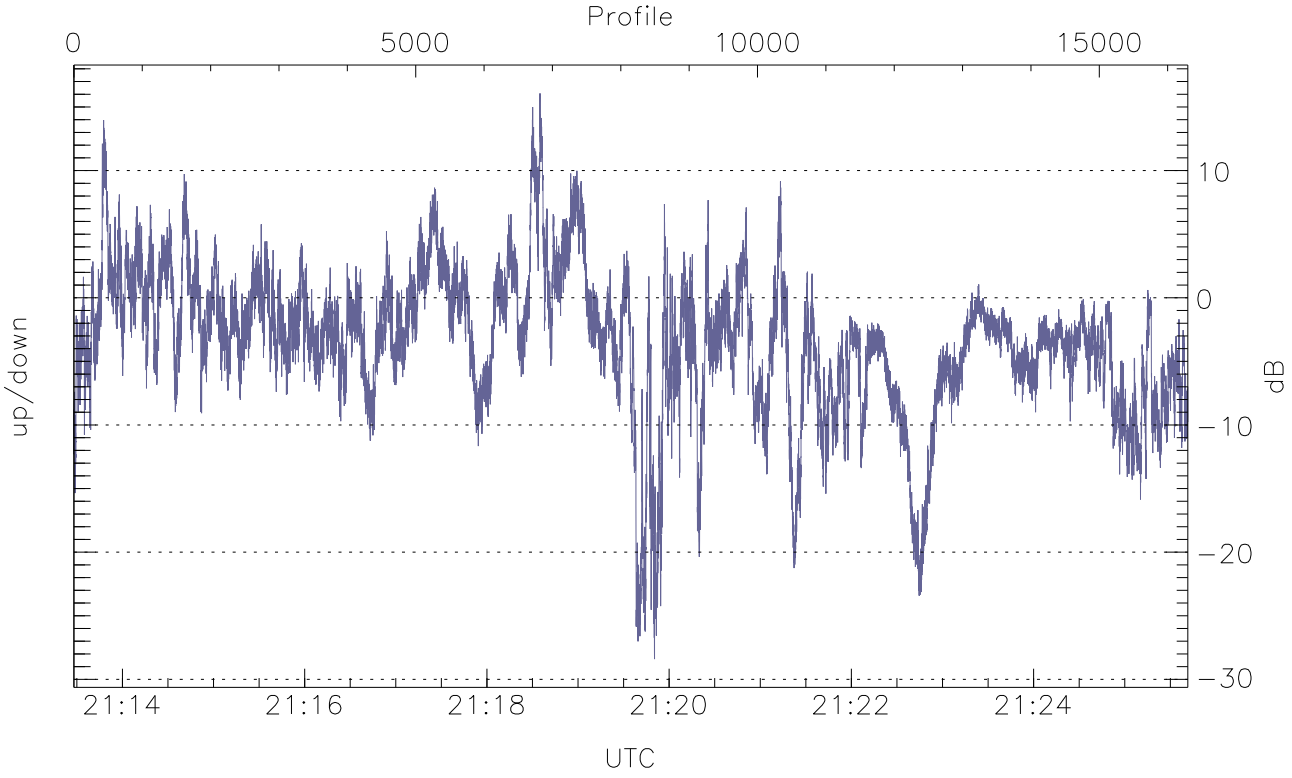


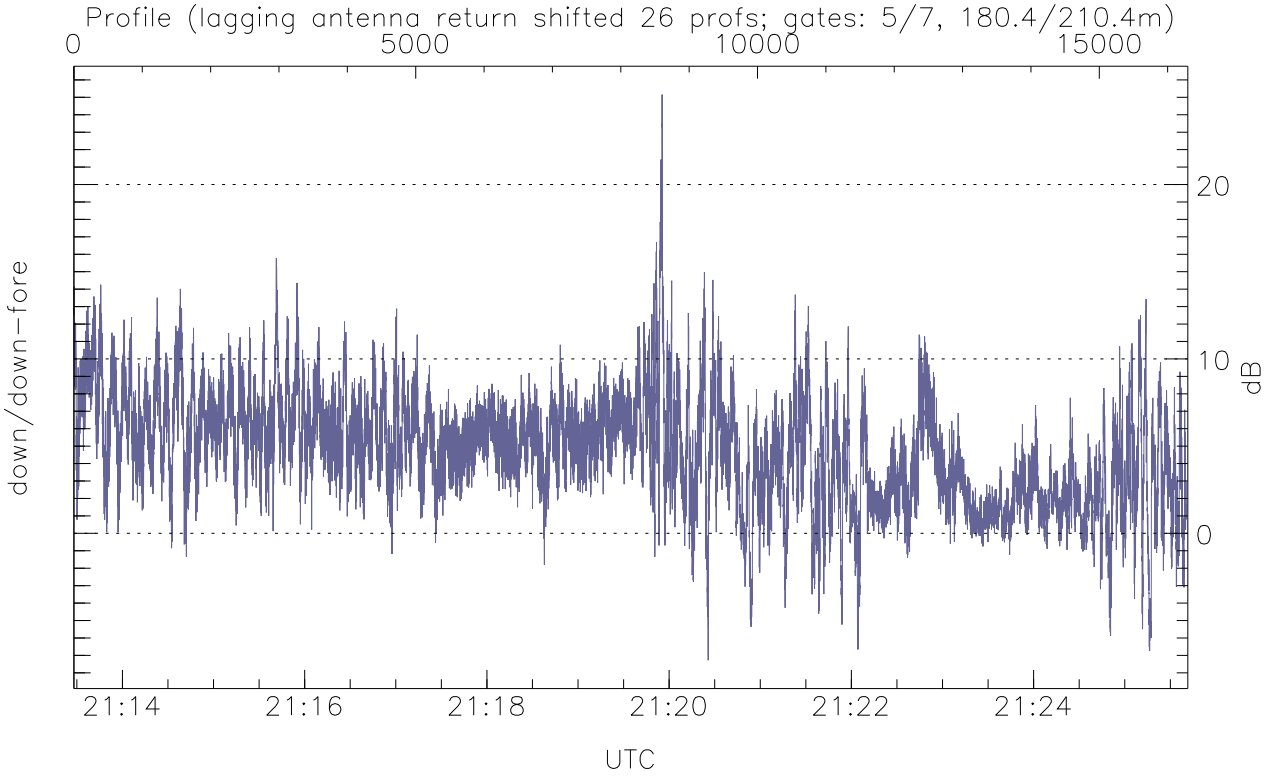
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

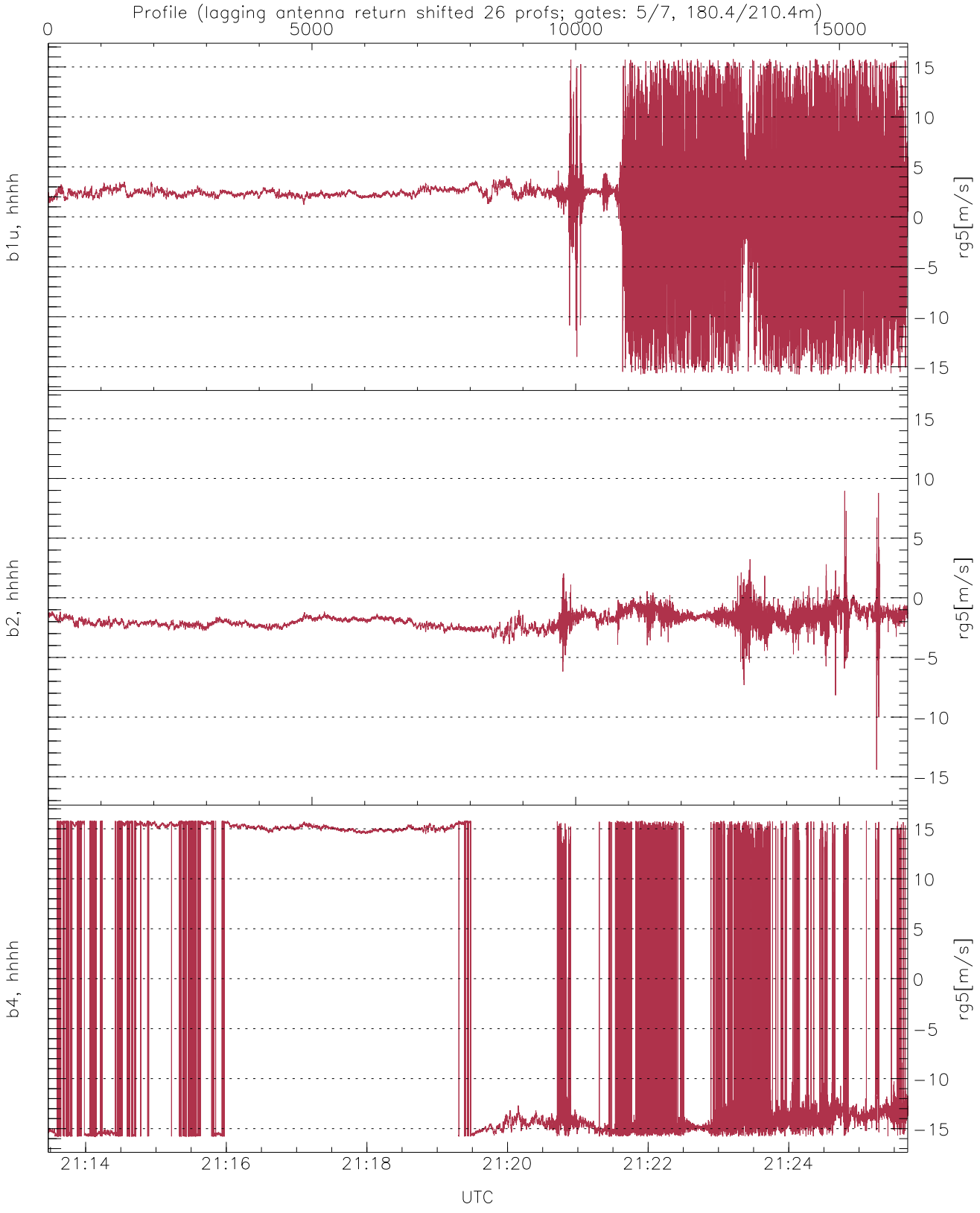
	Min	Max	Mean
up(hh[dBm])	-66.73	-10.79	-26.52
down(hh[dBm])	-65.55	-11.94	-26.13
down-fore(hh[dBm])	-65.79	-16.37	-30.98





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

	Min	Max	Mean
up/down(dB)	-28.40	16.08	-3.51
down/down-fore(dB)	-7.28	25.16	4.78



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	1.73	4.96
b2, hhhh(rg5[m/s])	-14.40	8.94	-1.89	0.69
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.01	14.71