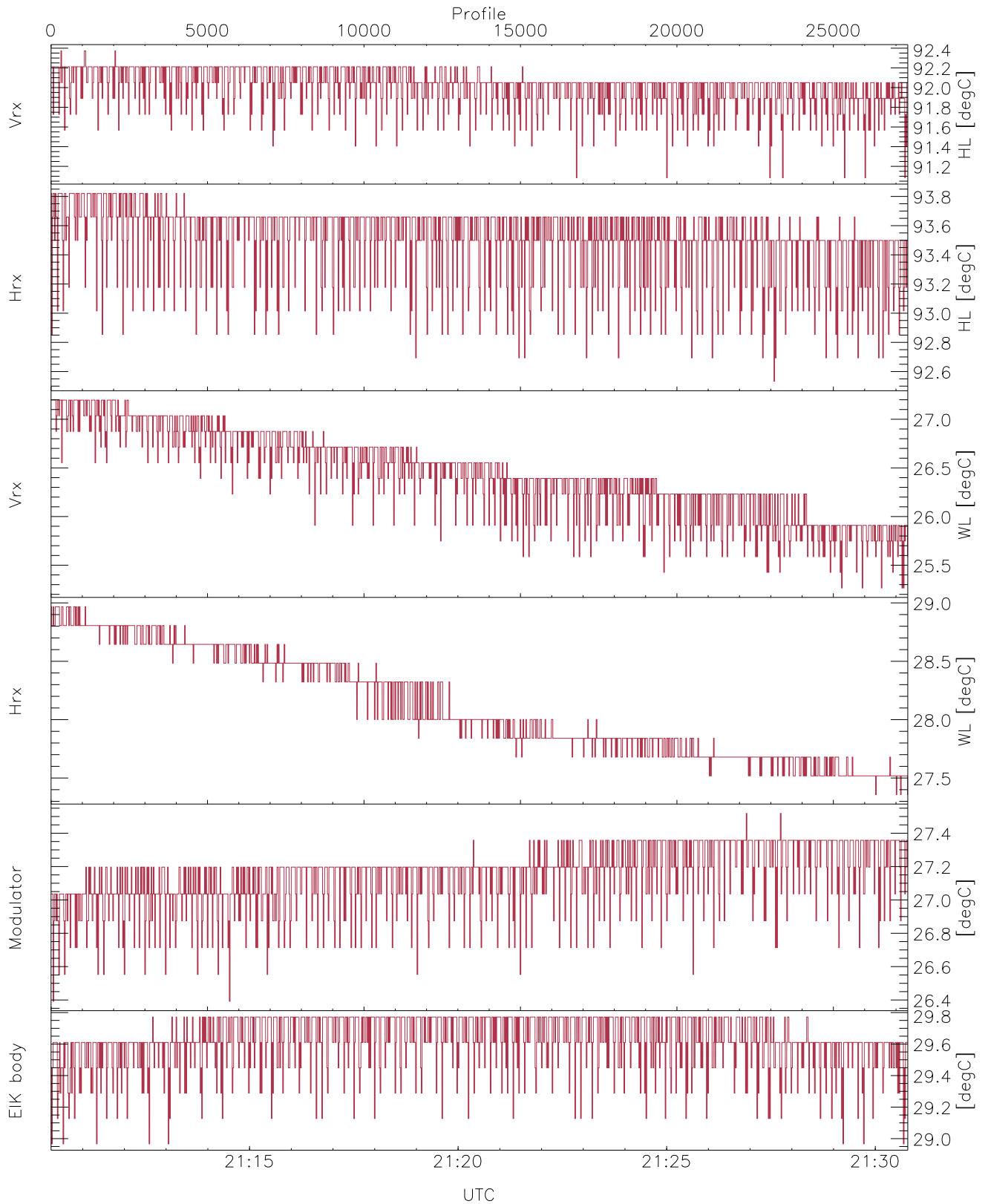


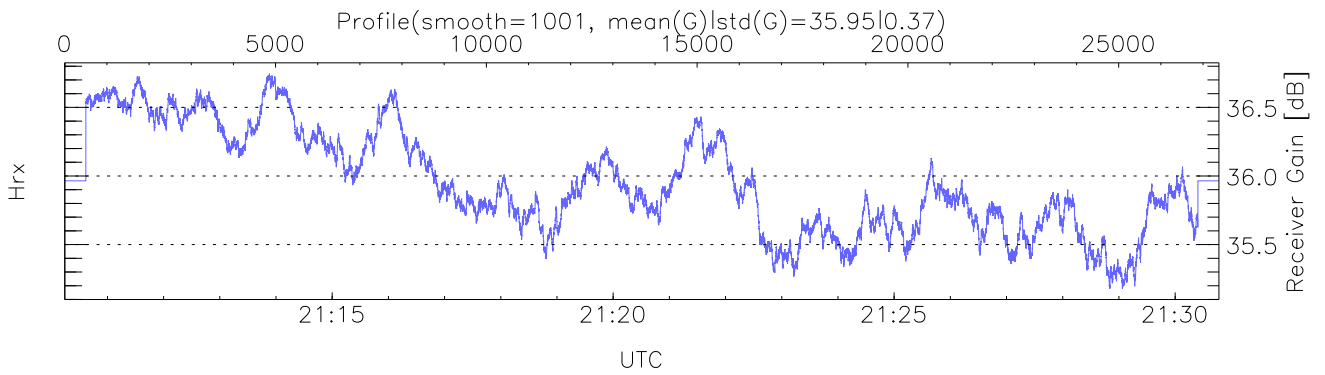
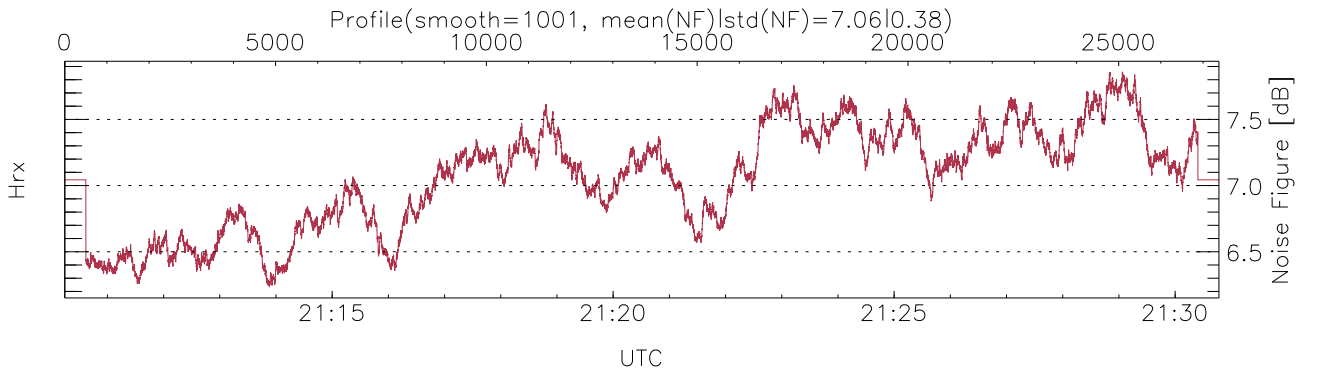
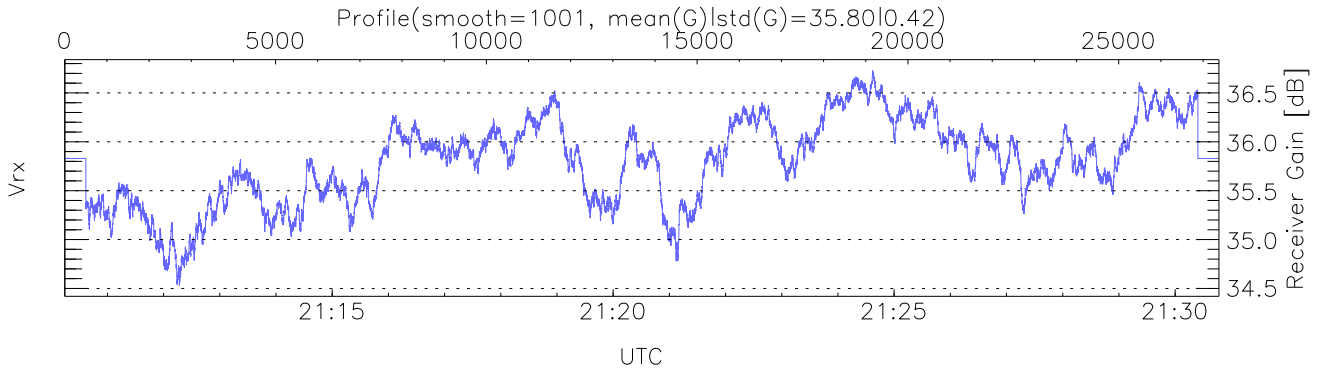
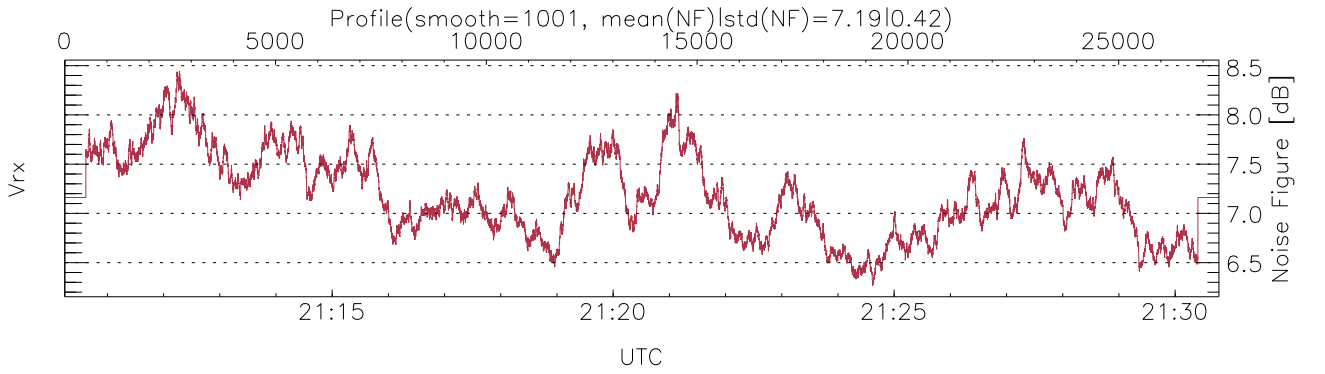
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:10:14-21:30:47, TimeCor: 0.00s, Dur: 1232.32s
 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): 27379/27379, 0-27378/21:10:14-21:30:47
 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 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



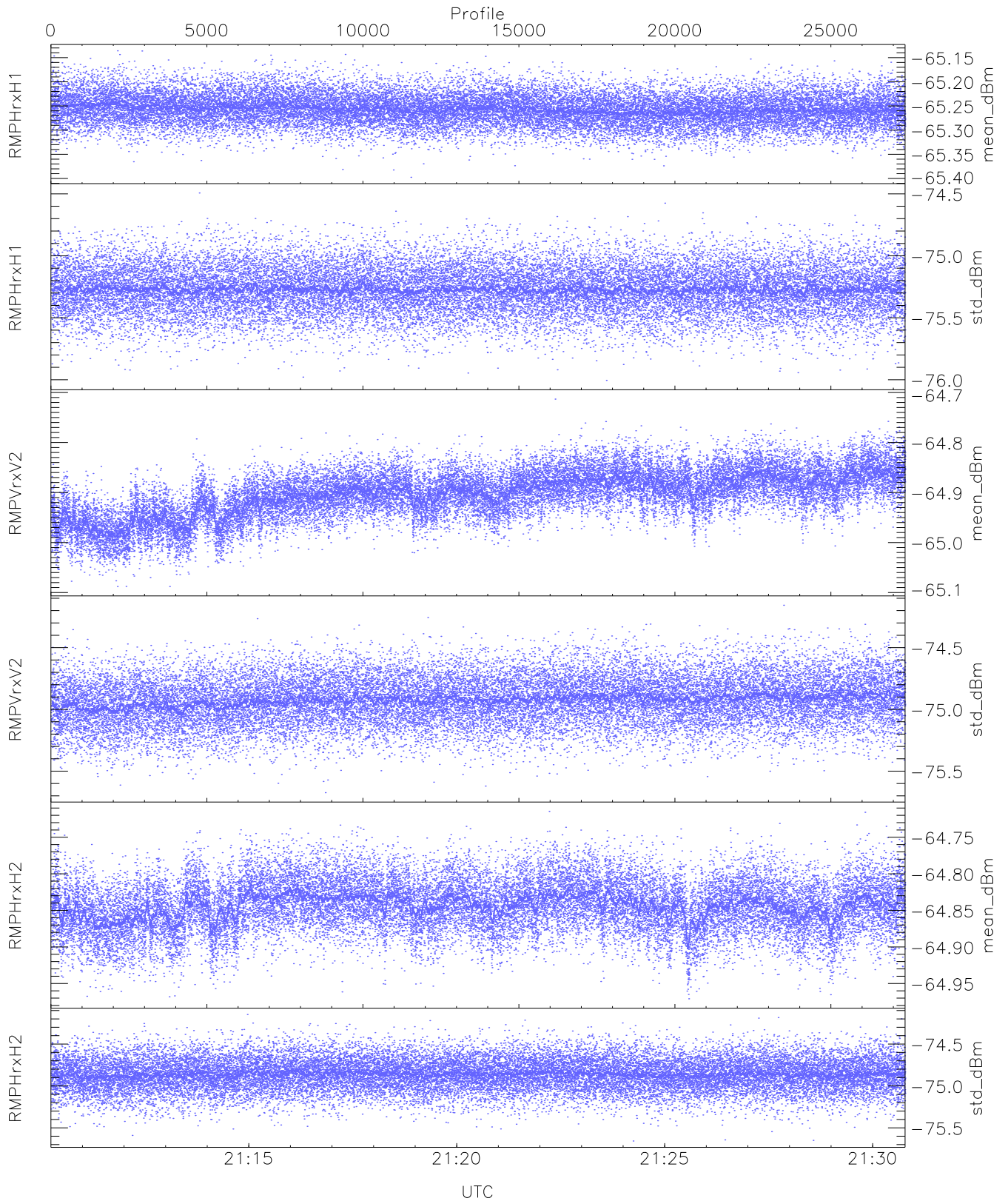
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,26,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,28,27,29
 LOalarm(20,240,2817,14861 MHz): 0,0,46,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



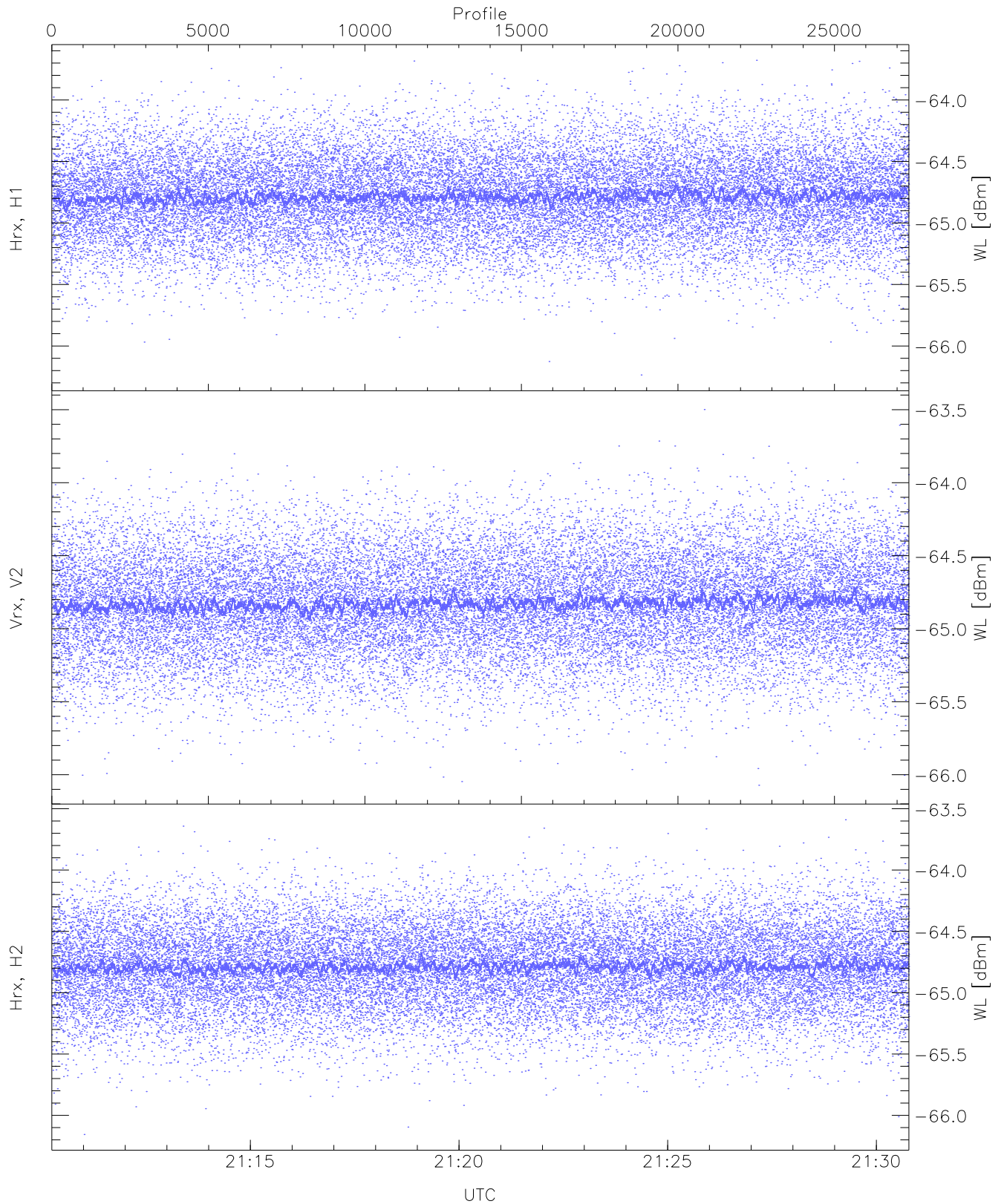
WCR3 CPP Receivers Gain and Noise Figure

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



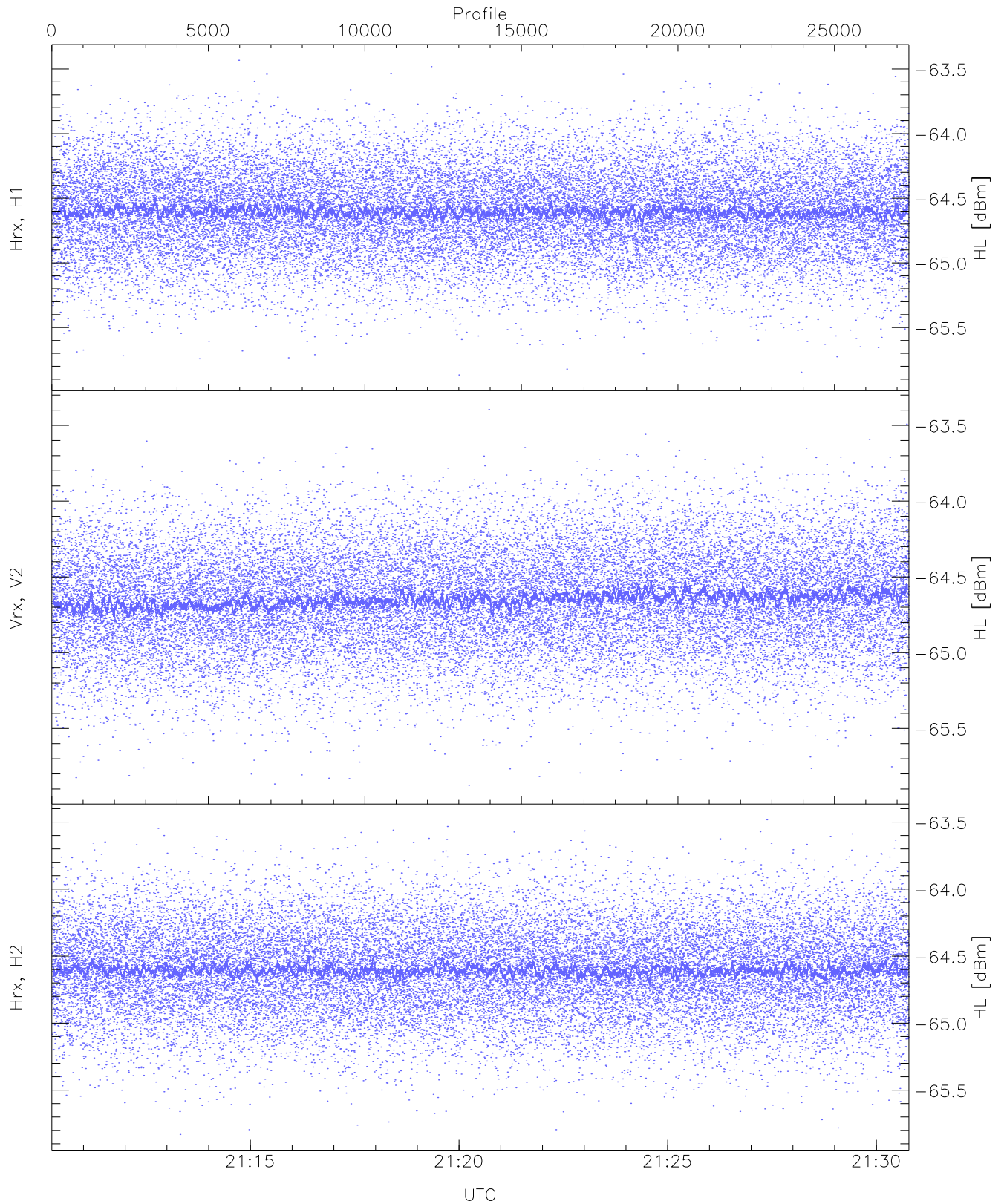
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.40	-65.14	-65.26	-65.26	-86.78
RMPHrxH1(std_dBm)	-76.01	-74.49	-75.27	-75.27	-89.09
RMPVrxV2(mean_dBm)	-65.09	-64.71	-64.90	-64.90	-84.53
RMPVrxV2(std_dBm)	-75.67	-74.16	-74.92	-74.93	-88.67
RMPHrxH2(mean_dBm)	-64.97	-64.71	-64.84	-64.84	-85.92
RMPHrxH2(std_dBm)	-75.66	-74.15	-74.86	-74.86	-88.62



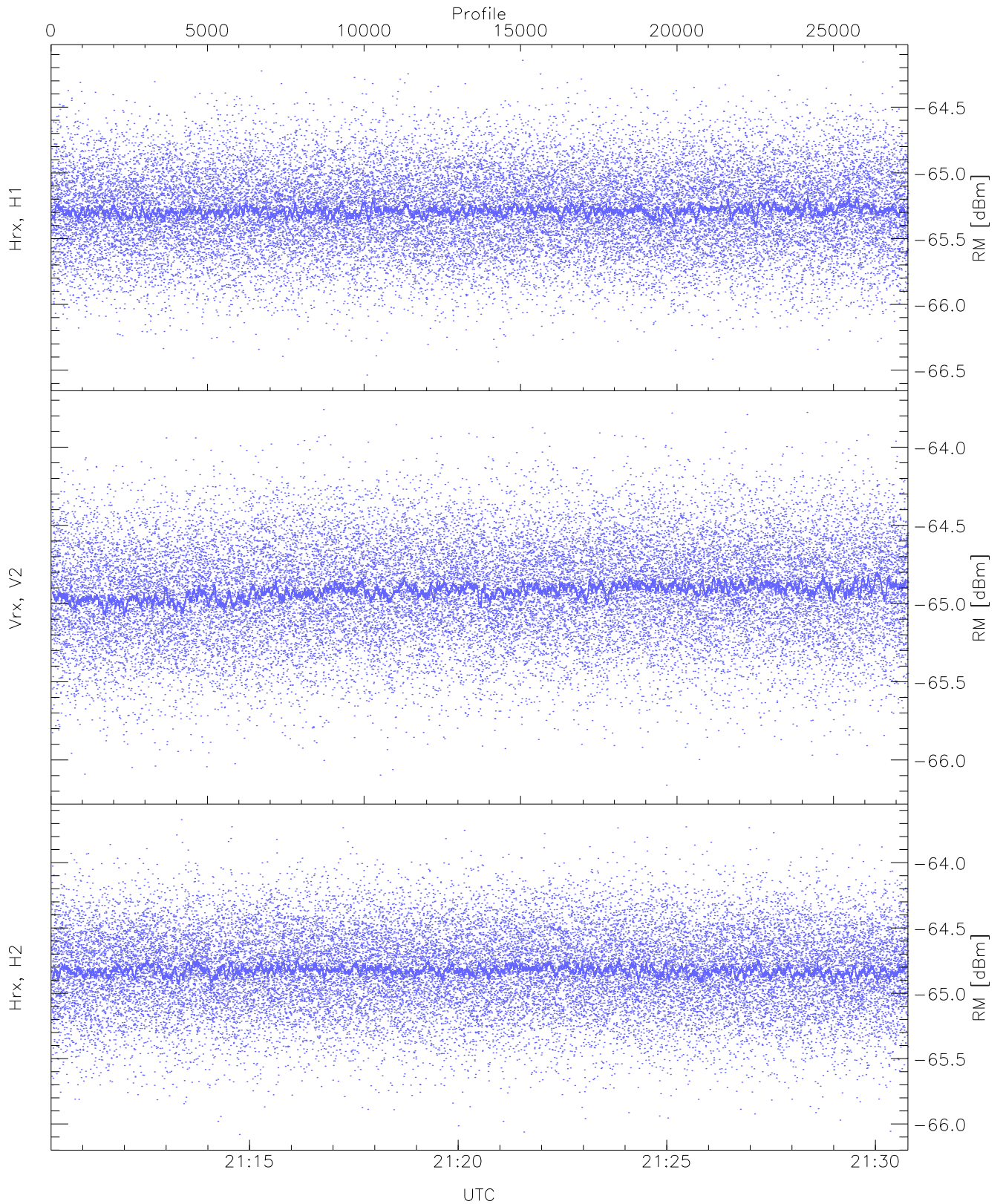
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.68	-64.78	-64.79	-76.27
Vrx, V2 (WL [dBm])	-66.07	-63.50	-64.82	-64.83	-76.32
Hrx, H2 (WL [dBm])	-66.16	-63.59	-64.78	-64.79	-76.29



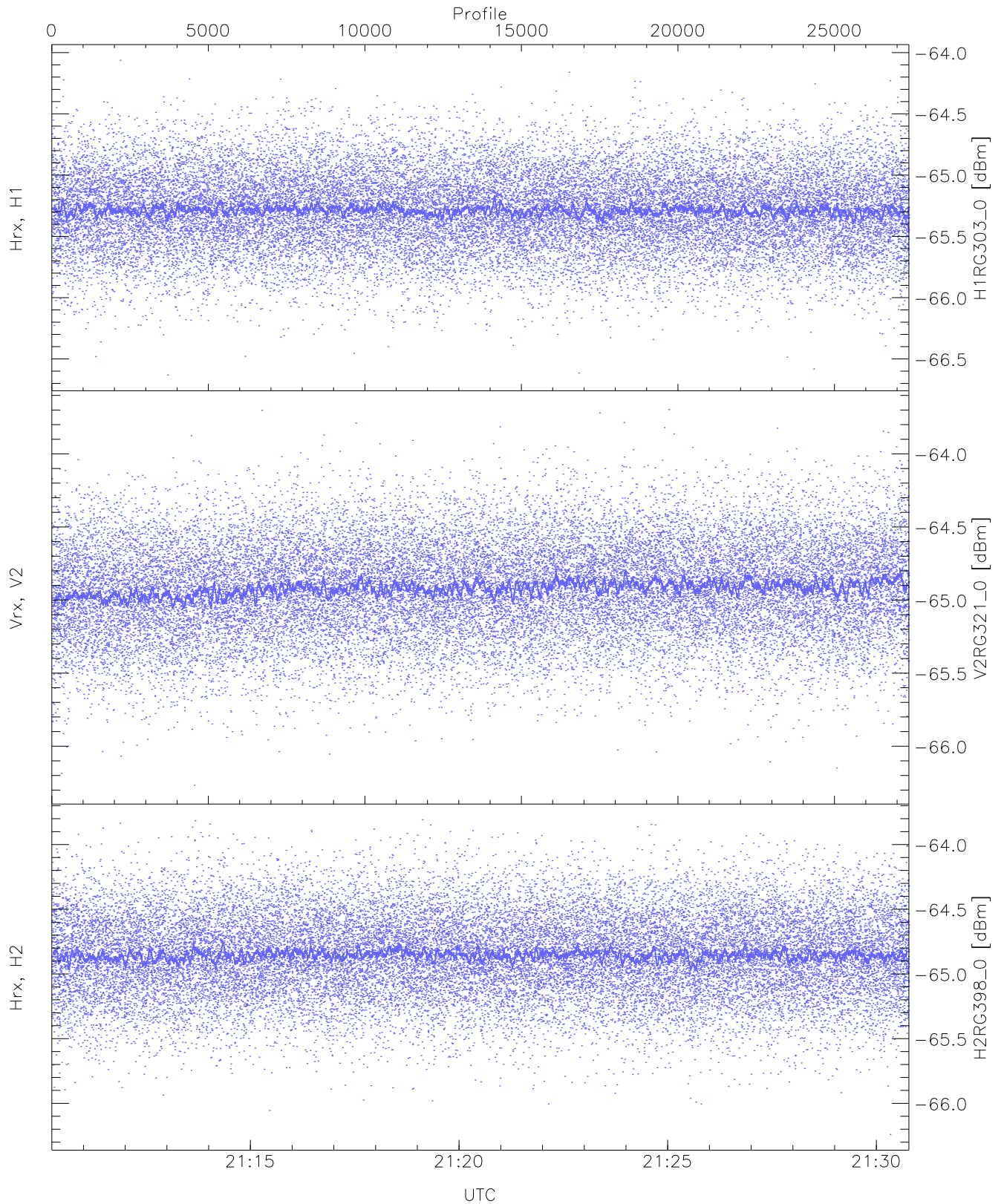
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.87	-63.43	-64.60	-64.61	-76.13
Vrx, V2 (HL [dBm])	-65.88	-63.40	-64.64	-64.65	-76.16
Hrx, H2 (HL [dBm])	-65.83	-63.48	-64.60	-64.61	-76.12



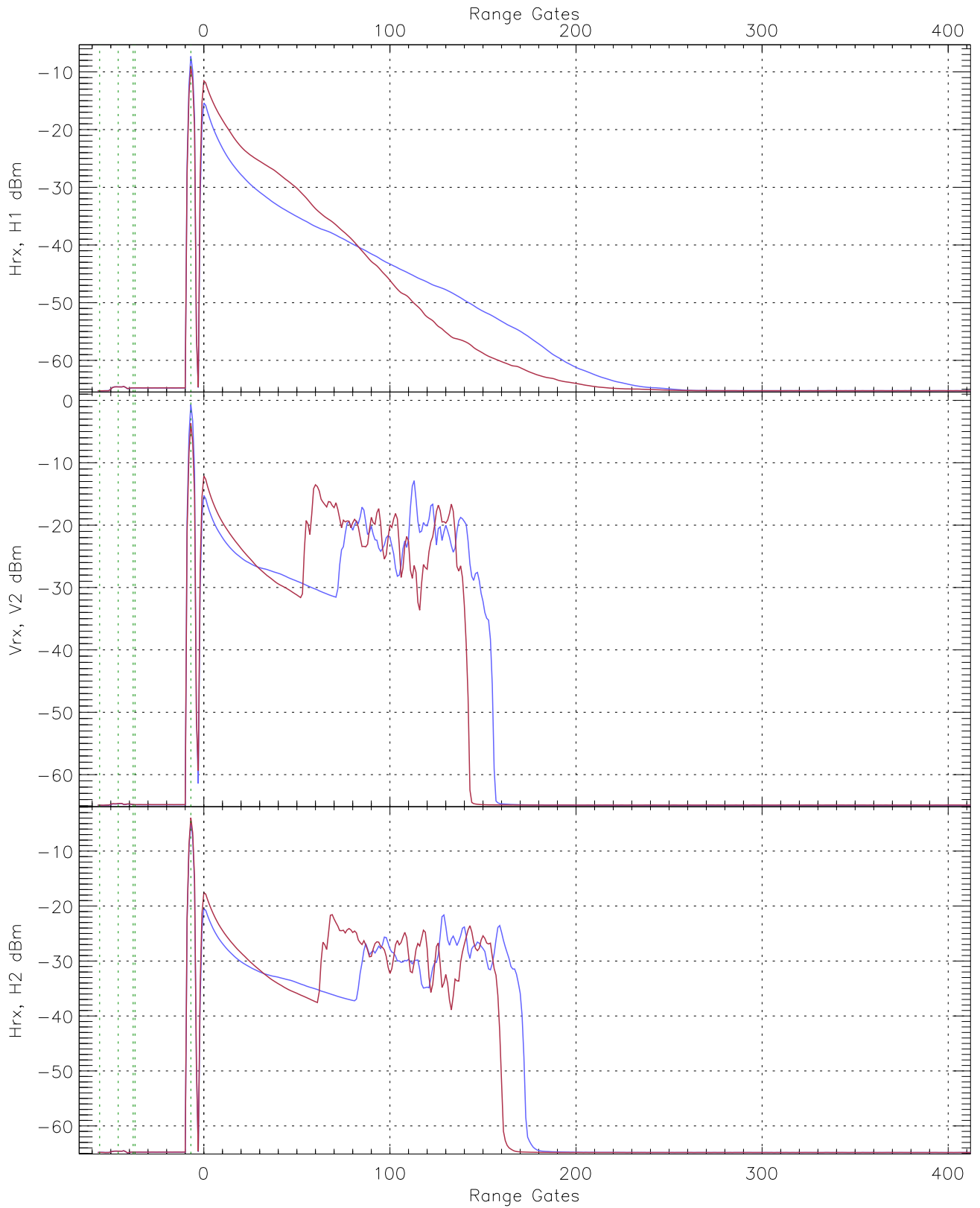
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.54	-64.14	-65.28	-65.29	-76.77
Vrx, V2(RM [dBm])	-66.16	-63.76	-64.91	-64.92	-76.39
Hrx, H2(RM [dBm])	-66.08	-63.67	-64.82	-64.82	-76.30

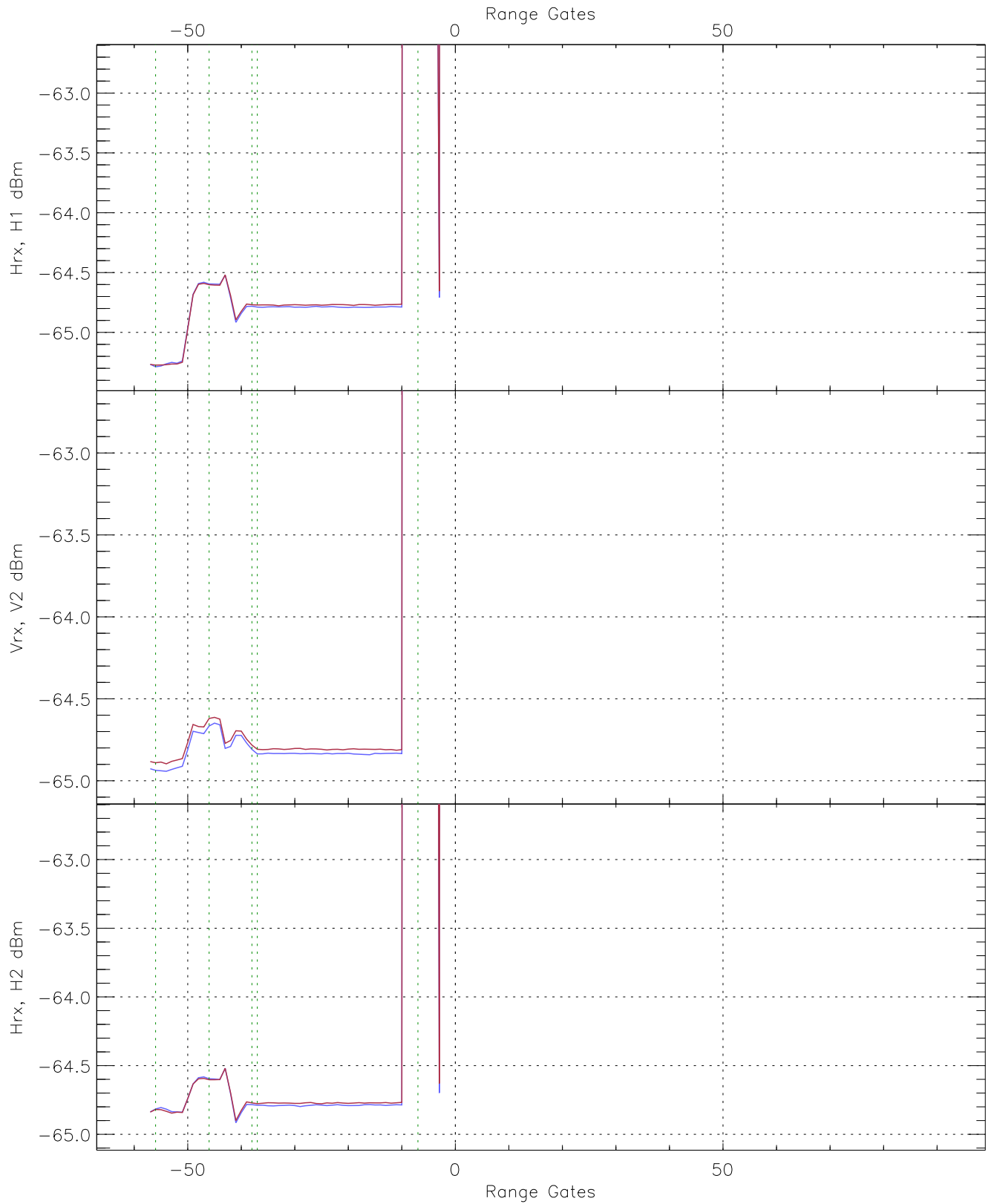


WCR3 CPP "Best" estimate Receivers Noise Power

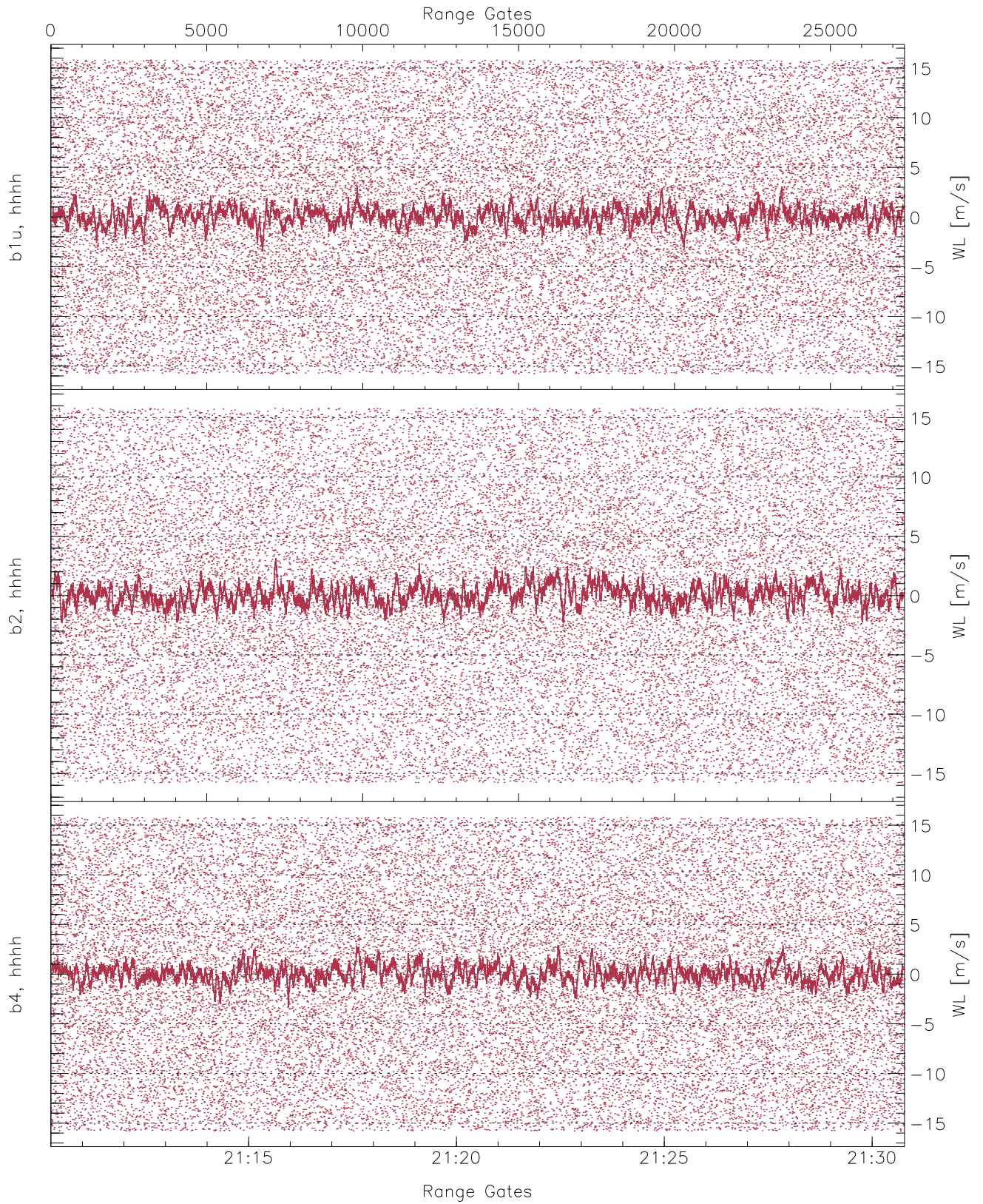
	Min	Max	Mean	Median	StDev
H1RG303_0 [dBm]	-66.63	-64.06	-65.28	-65.29	-76.79
V2RG321_0 [dBm]	-66.27	-63.70	-64.91	-64.92	-76.38
H2RG398_0 [dBm]	-66.24	-63.81	-64.85	-64.86	-76.34



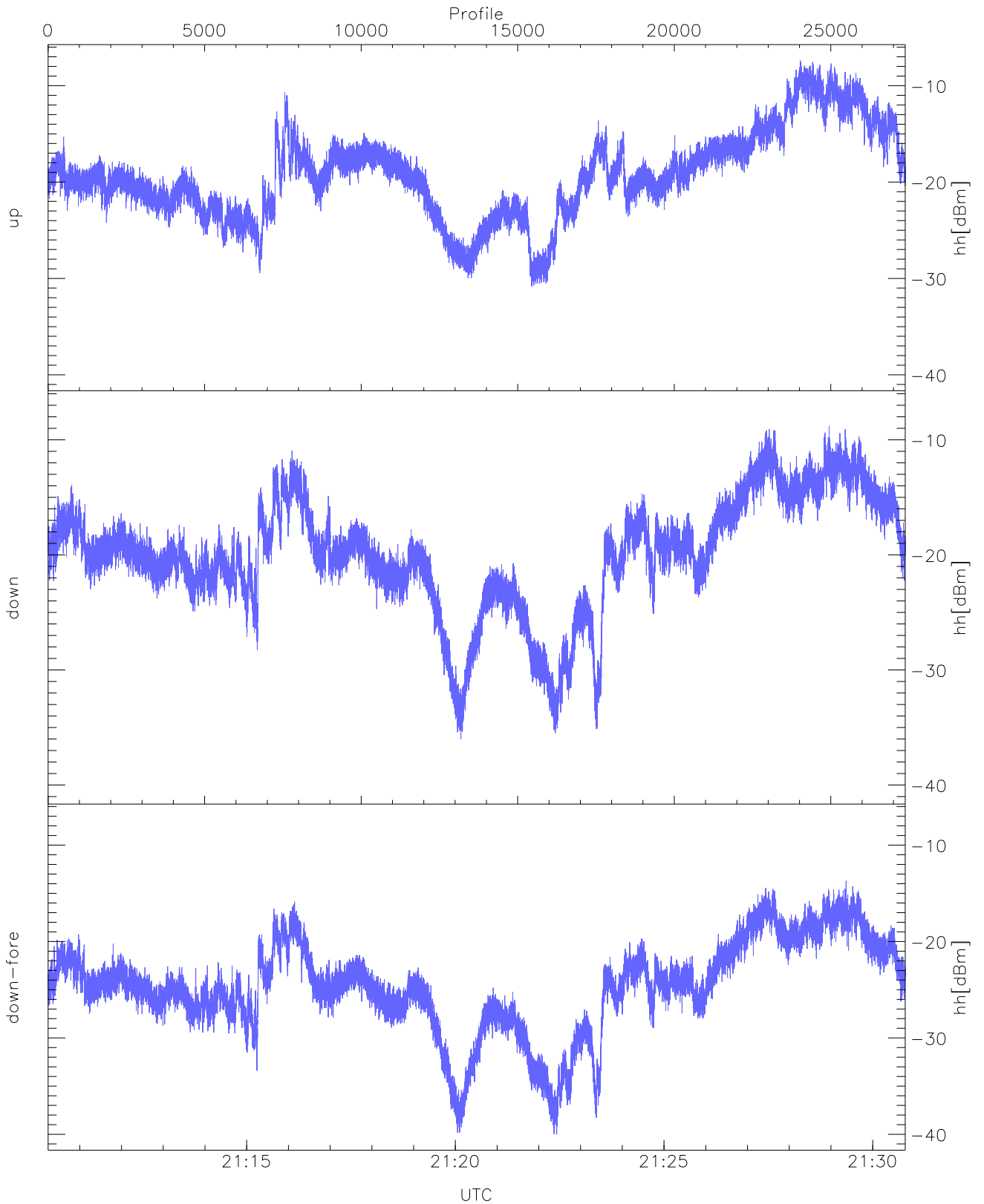
WCR3 CPP Averaged Received power for all recorded gates
blue: 211014-212031, 13690 profiles averaged
red: 212031-213047, 13690 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 211014-212031, 13690 profiles averaged
red: 212031-213047, 13690 profiles averaged

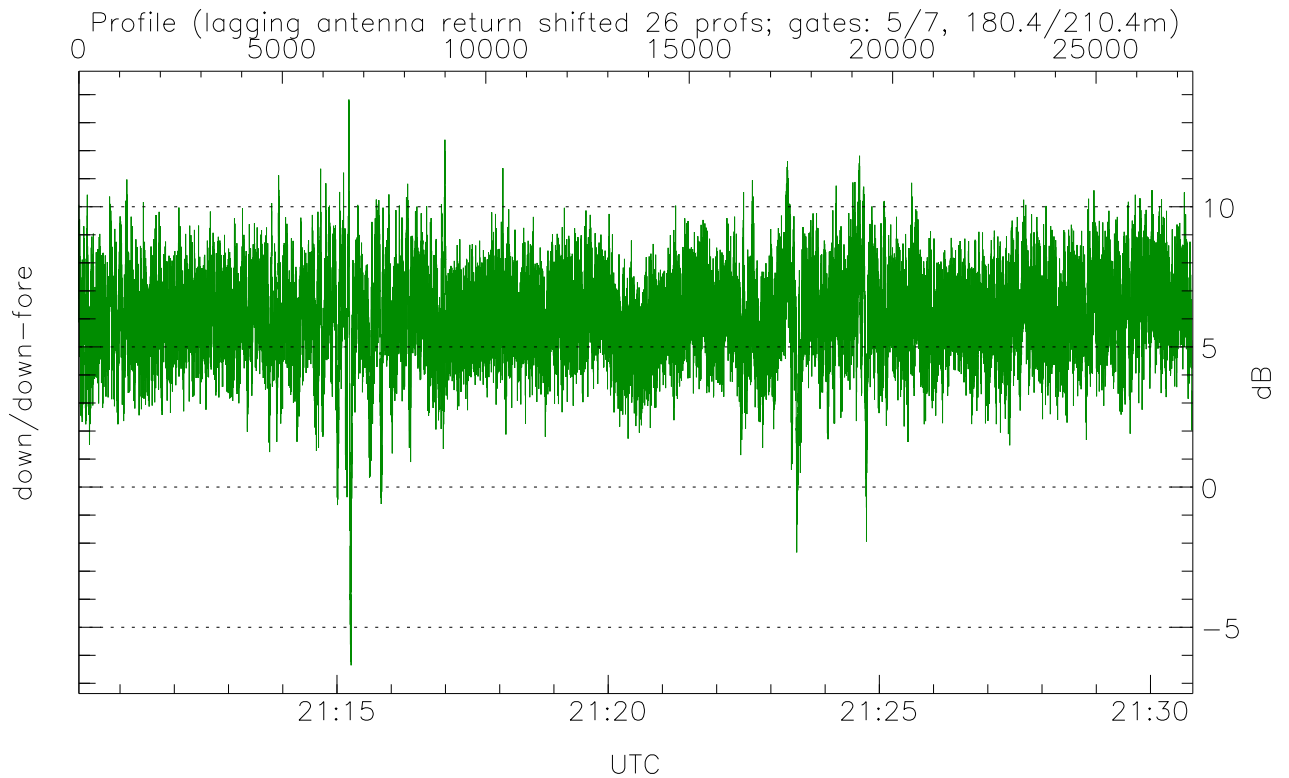
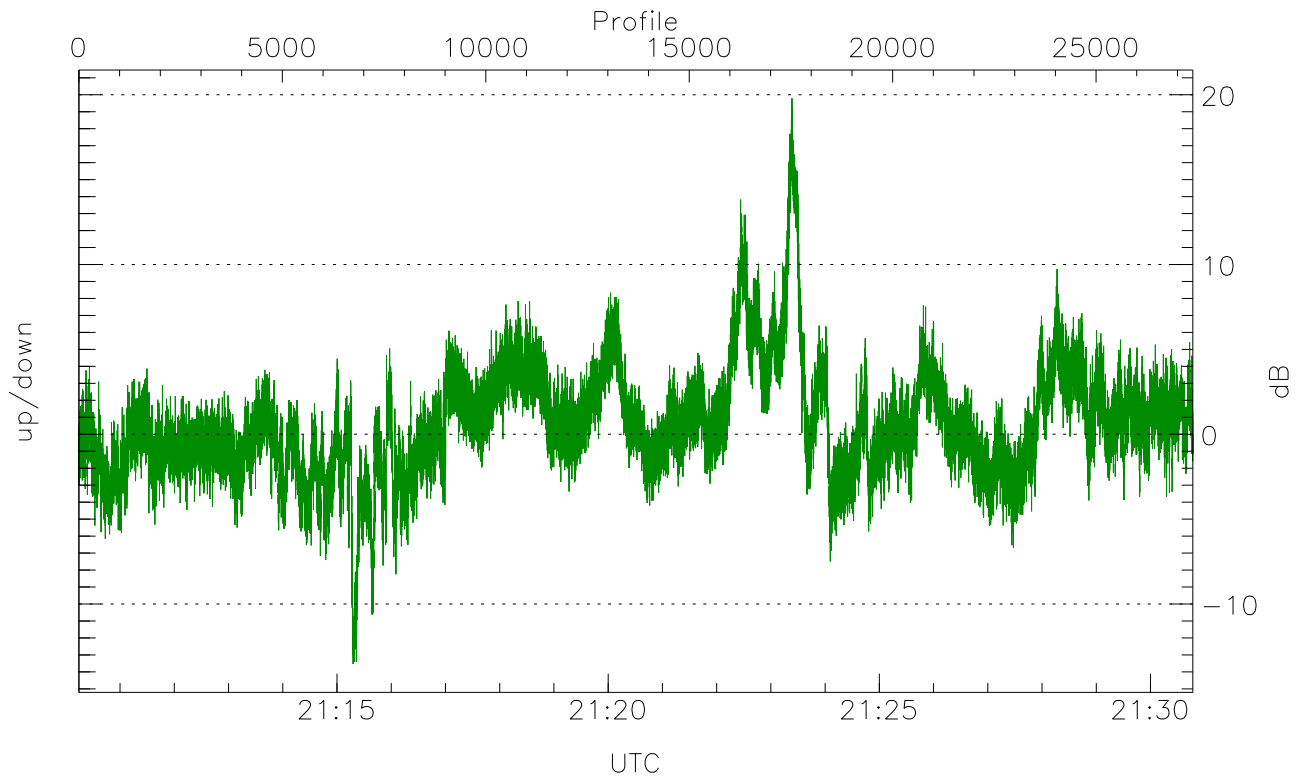


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



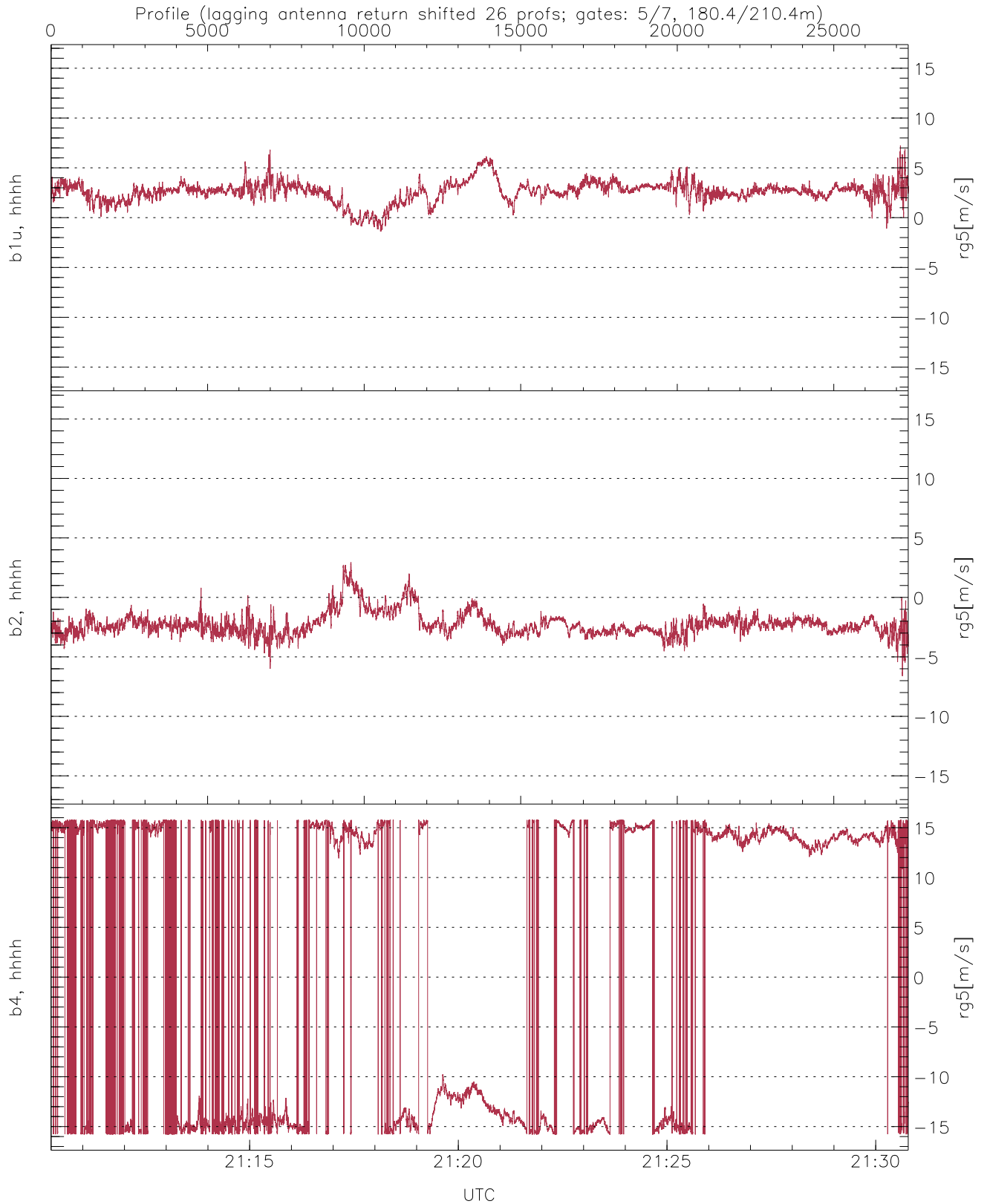
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-30.82	-7.37	-16.99
down(hh[dBm])	-36.00	-8.79	-17.63
down-fore(hh[dBm])	-40.02	-13.70	-22.51



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

	Min	Max	Mean
up/down (dB)	-13.54	19.79	0.65
down/down-fore (dB)	-6.36	13.83	6.10



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.37	7.25	2.60	1.05
b2, hhhh(rg5[m/s])	-6.61	2.95	-2.24	0.98
b4, hhhh(rg5[m/s])	-15.79	15.79	1.46	14.49