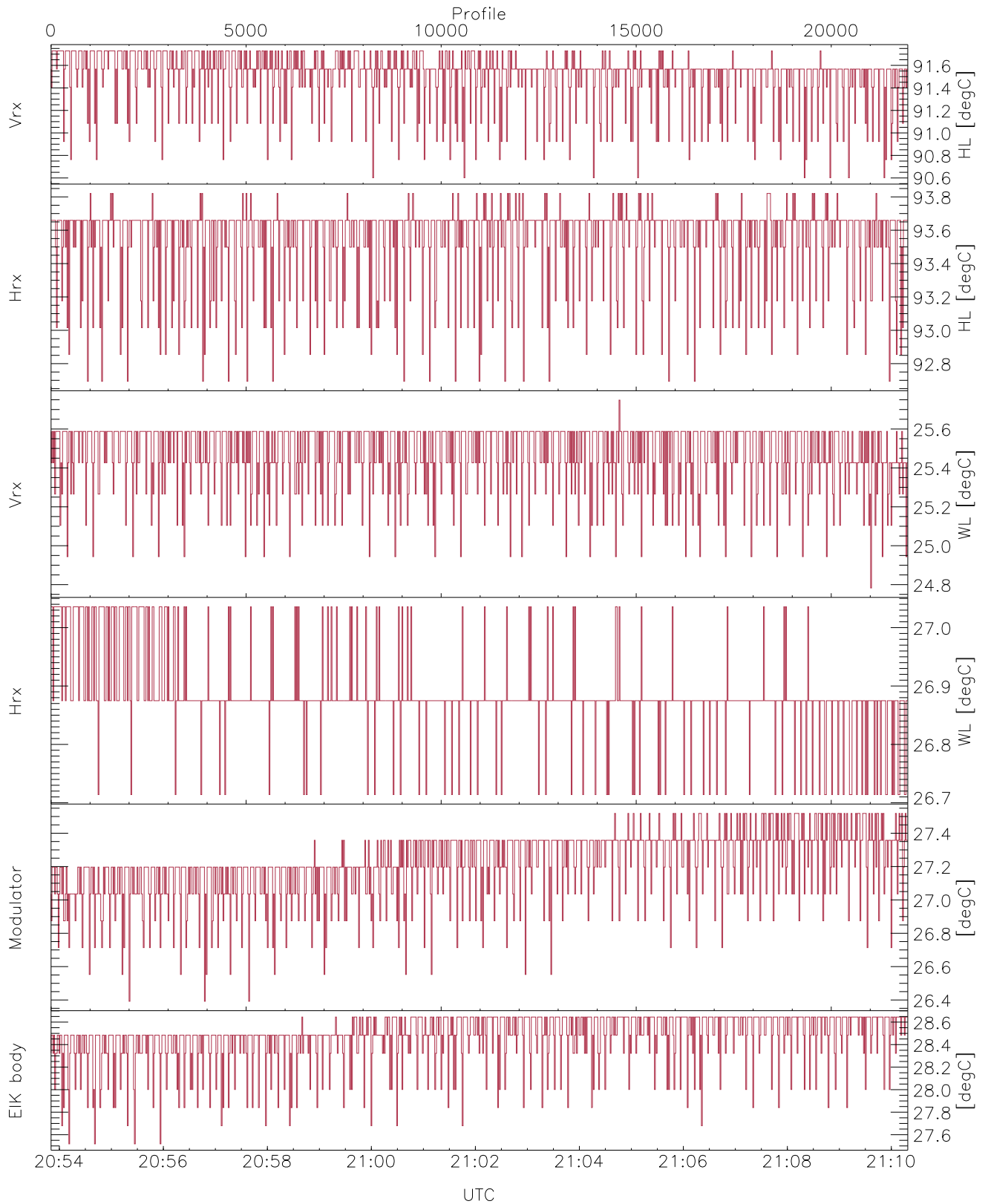


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

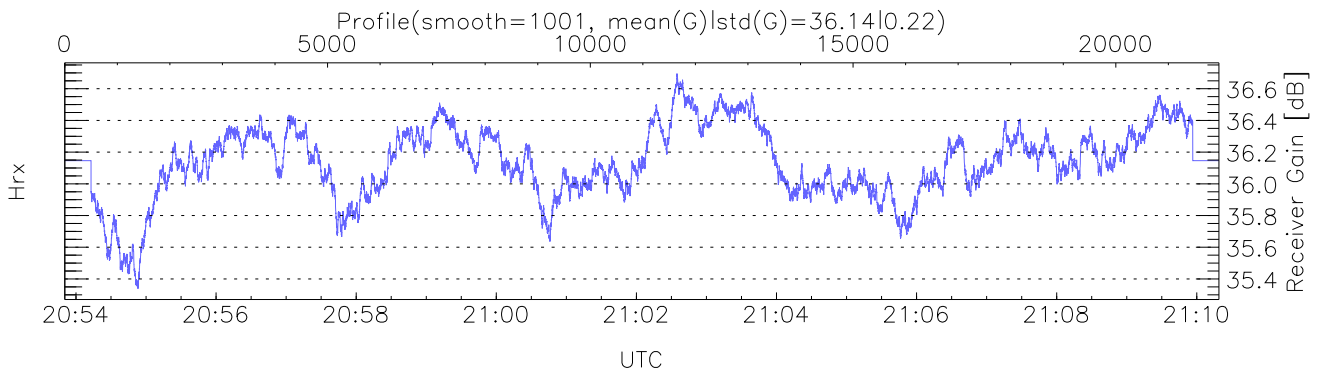
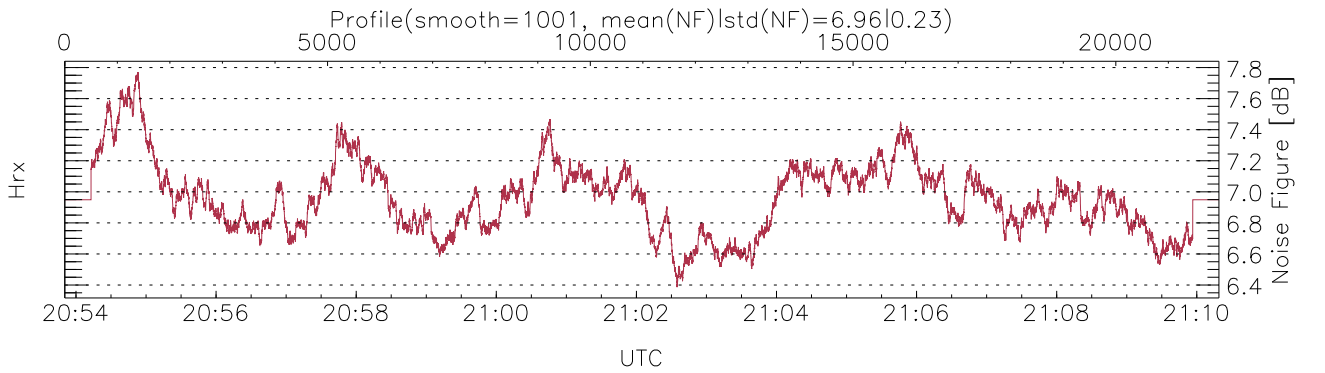
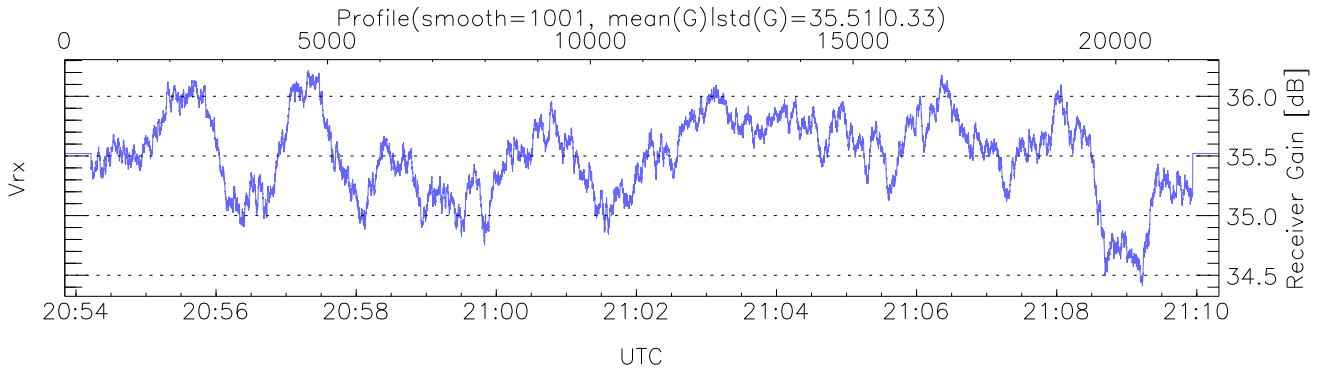
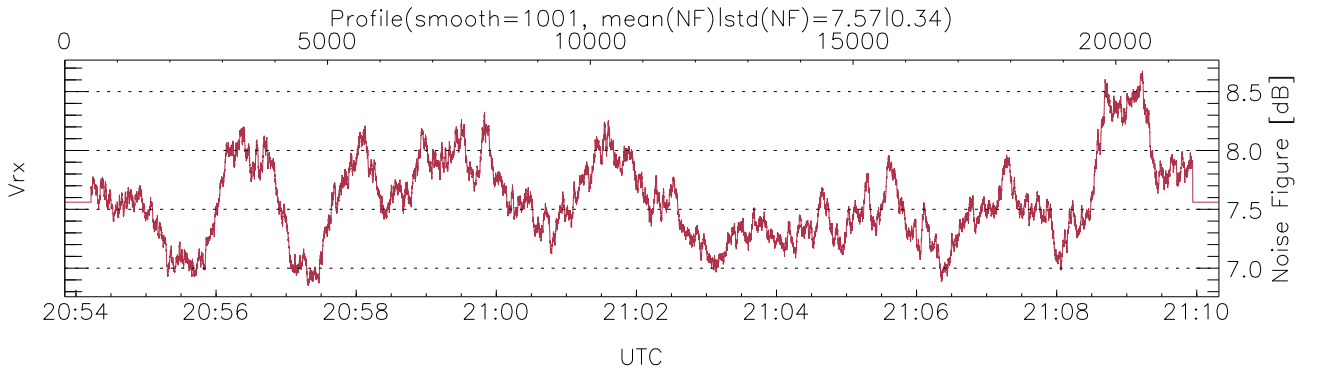
UTC: 20:53:50-21:10:19, TimeCor: 0.00s, Dur: 988.58s  
 TimeFlg: 1, TFPstatus constant.  
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2  
 NumRec(r/t): 21964/21964, 0-21963/20:53:50-21:10:19  
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100  
 Pulse: 250ns, IFF: 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|sidelup|error): 1



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

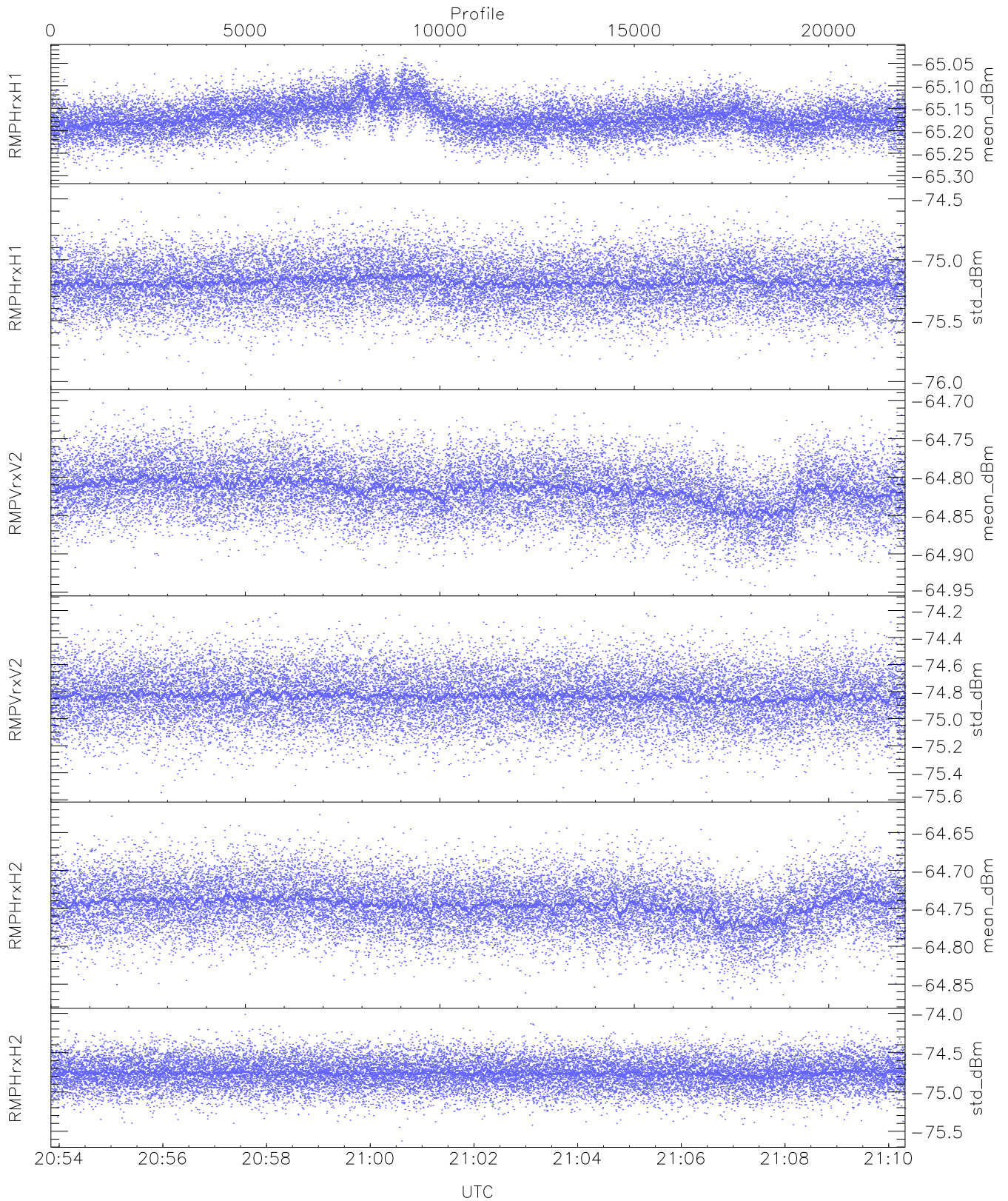
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,26,26,27`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,27,27,28`  
`LOalarm(20,240,2817,14861 MHz): None`

`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)`



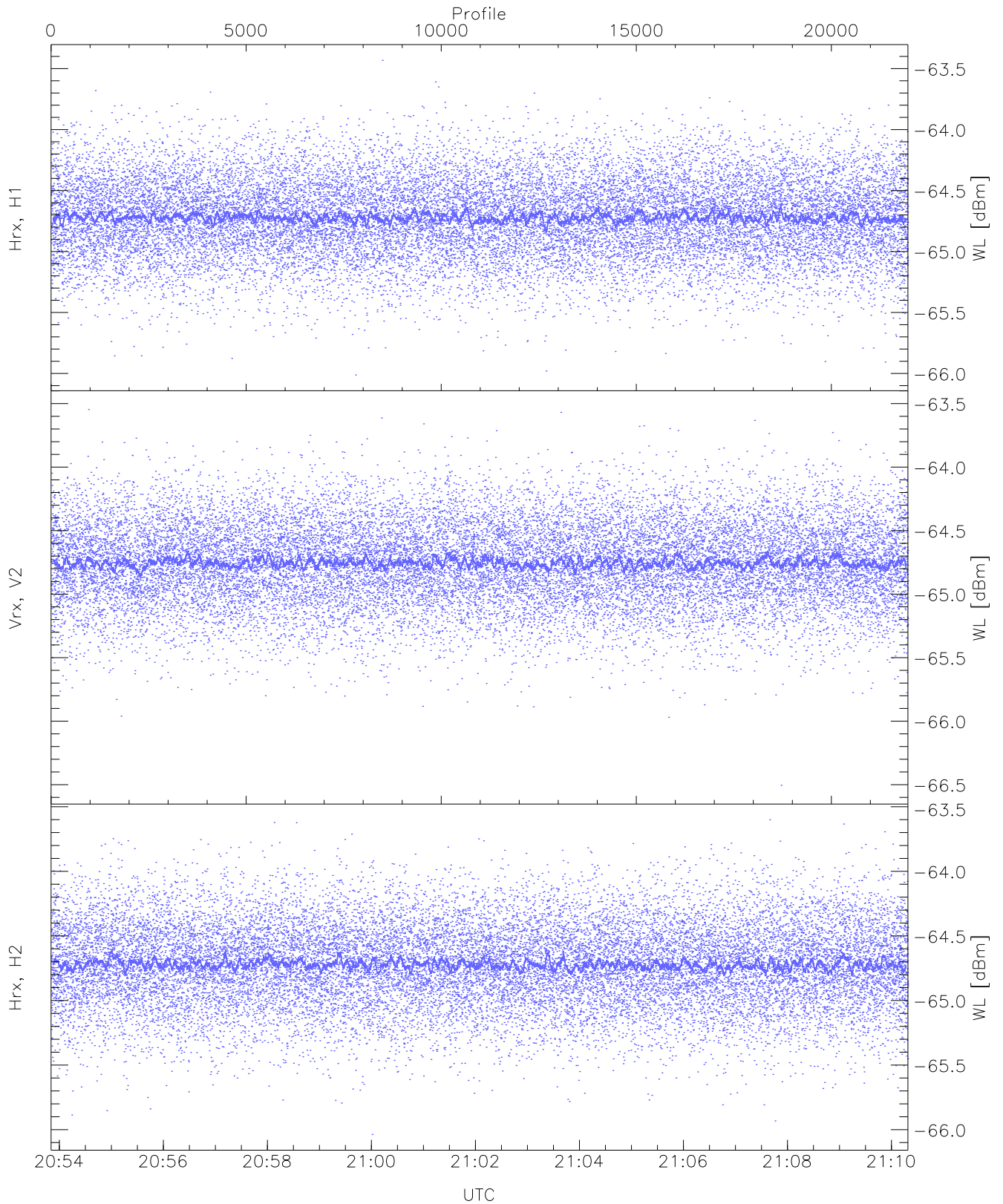
### WCR3 CPP Receivers Gain and Noise Figure

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



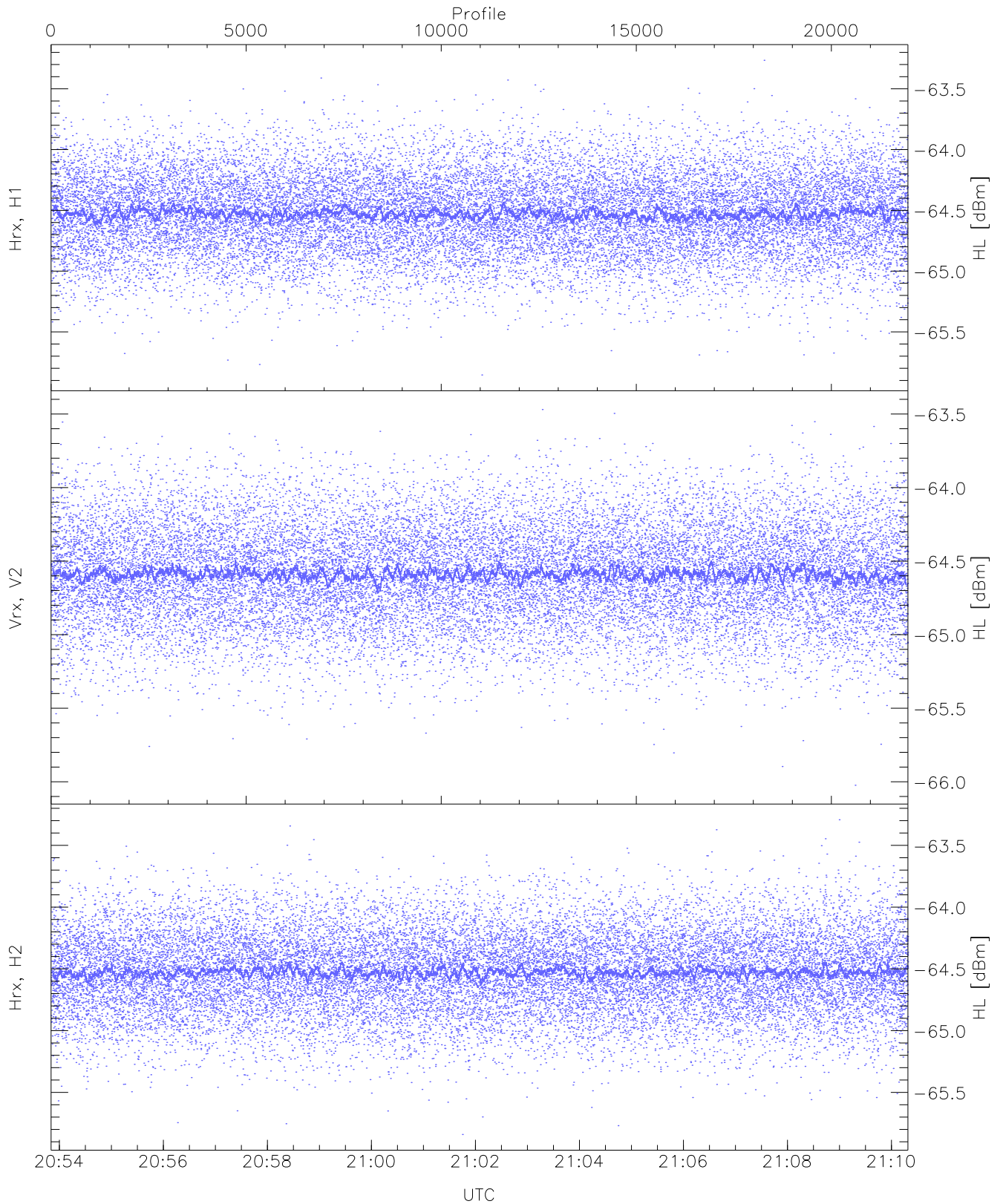
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.30	-65.02	-65.17	-65.17	-86.08
RMPHrxH1(std_dBm)	-75.99	-74.45	-75.18	-75.19	-88.97
RMPVrxV2(mean_dBm)	-64.94	-64.70	-64.82	-64.82	-86.09
RMPVrxV2(std_dBm)	-75.55	-74.16	-74.83	-74.84	-88.64
RMPHrxH2(mean_dBm)	-64.87	-64.62	-64.75	-64.75	-86.17
RMPHrxH2(std_dBm)	-75.62	-74.01	-74.76	-74.76	-88.54



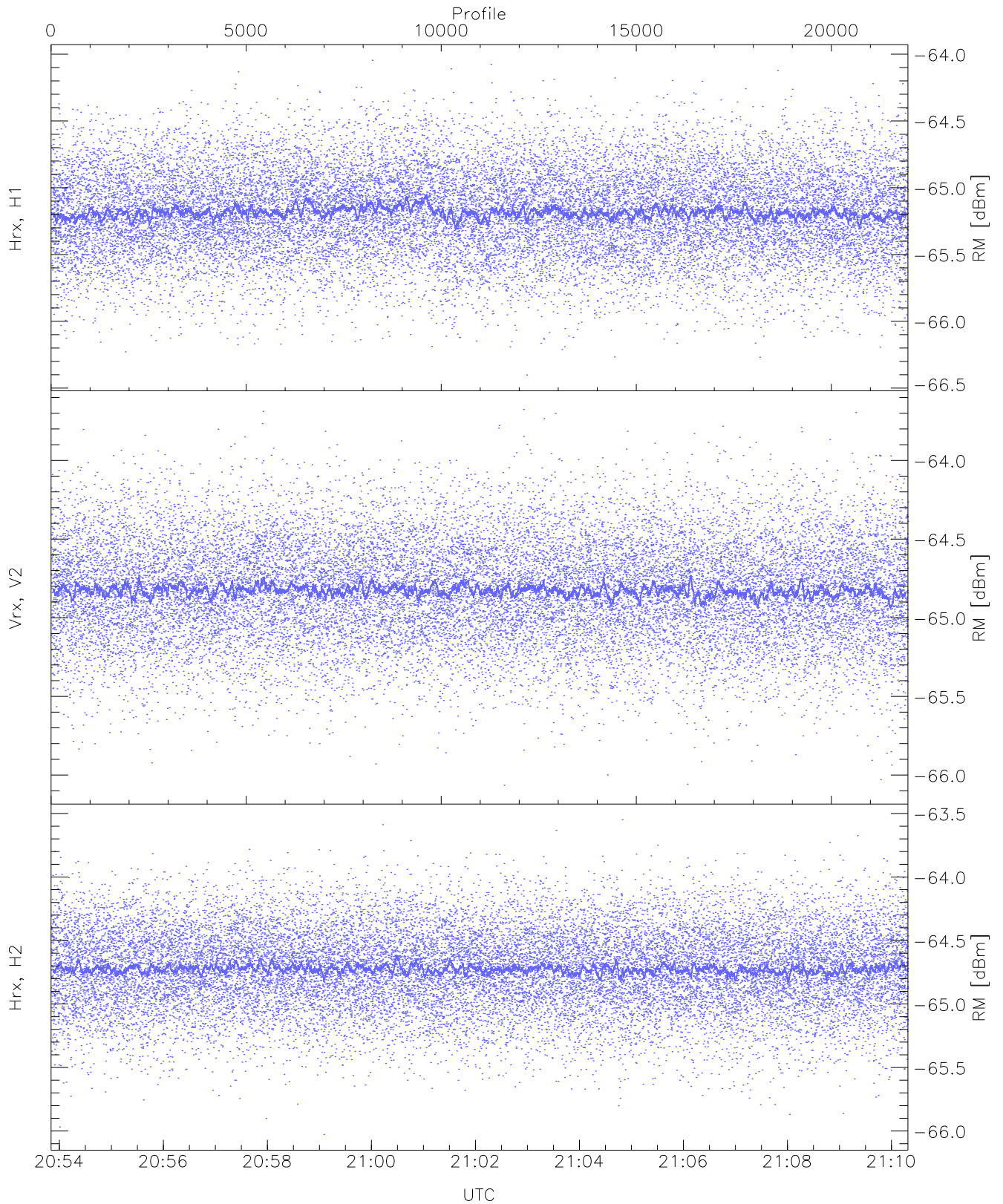
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.01	-63.43	-64.71	-64.72	-76.20
Vrx, V2 (WL [dBm])	-66.50	-63.55	-64.75	-64.75	-76.22
Hrx, H2 (WL [dBm])	-66.04	-63.60	-64.71	-64.72	-76.24



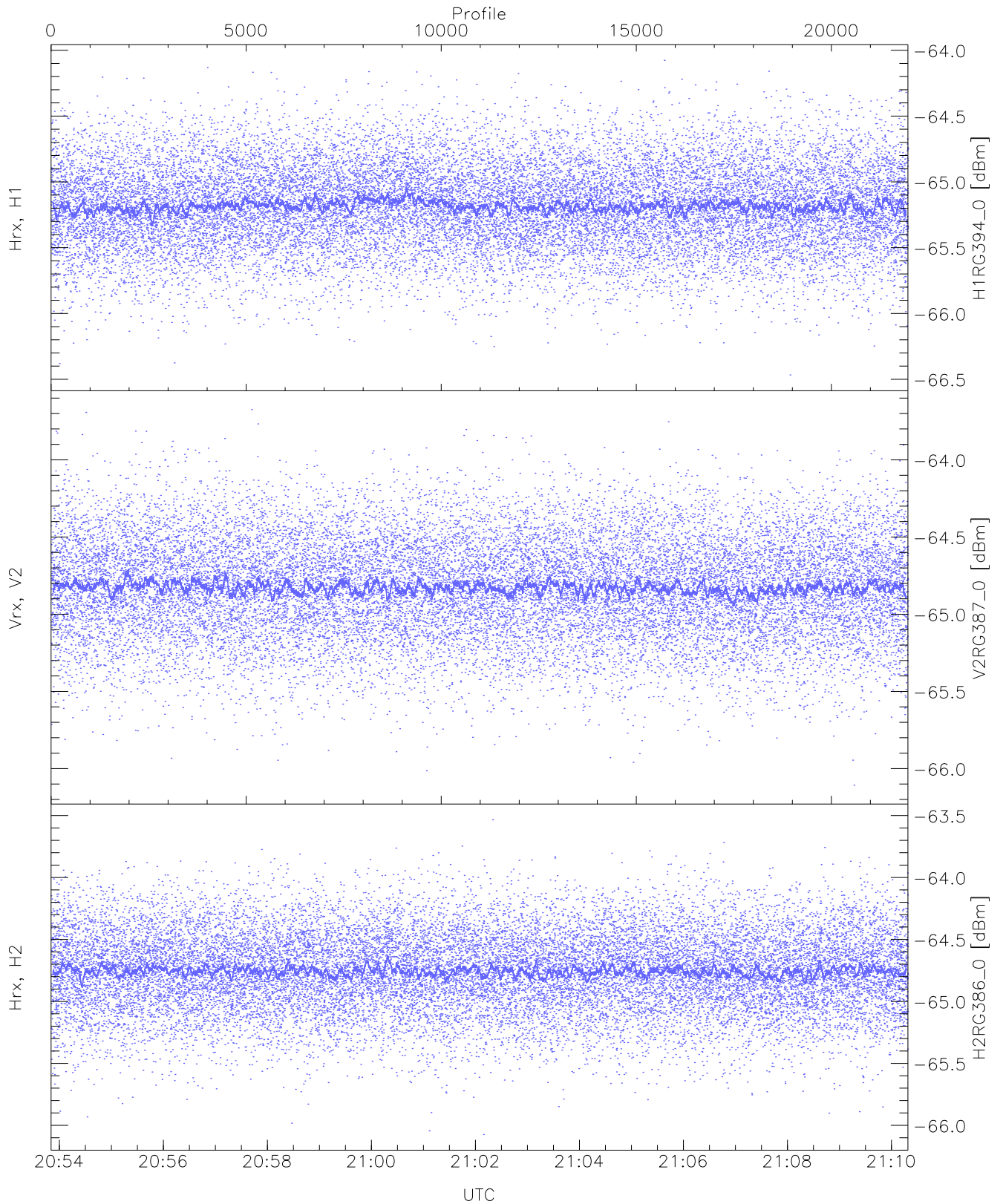
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.86	-63.27	-64.52	-64.53	-76.03
Vrx, V2 (HL [dBm])	-66.02	-63.47	-64.58	-64.59	-76.08
Hrx, H2 (HL [dBm])	-65.84	-63.29	-64.52	-64.53	-76.02



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

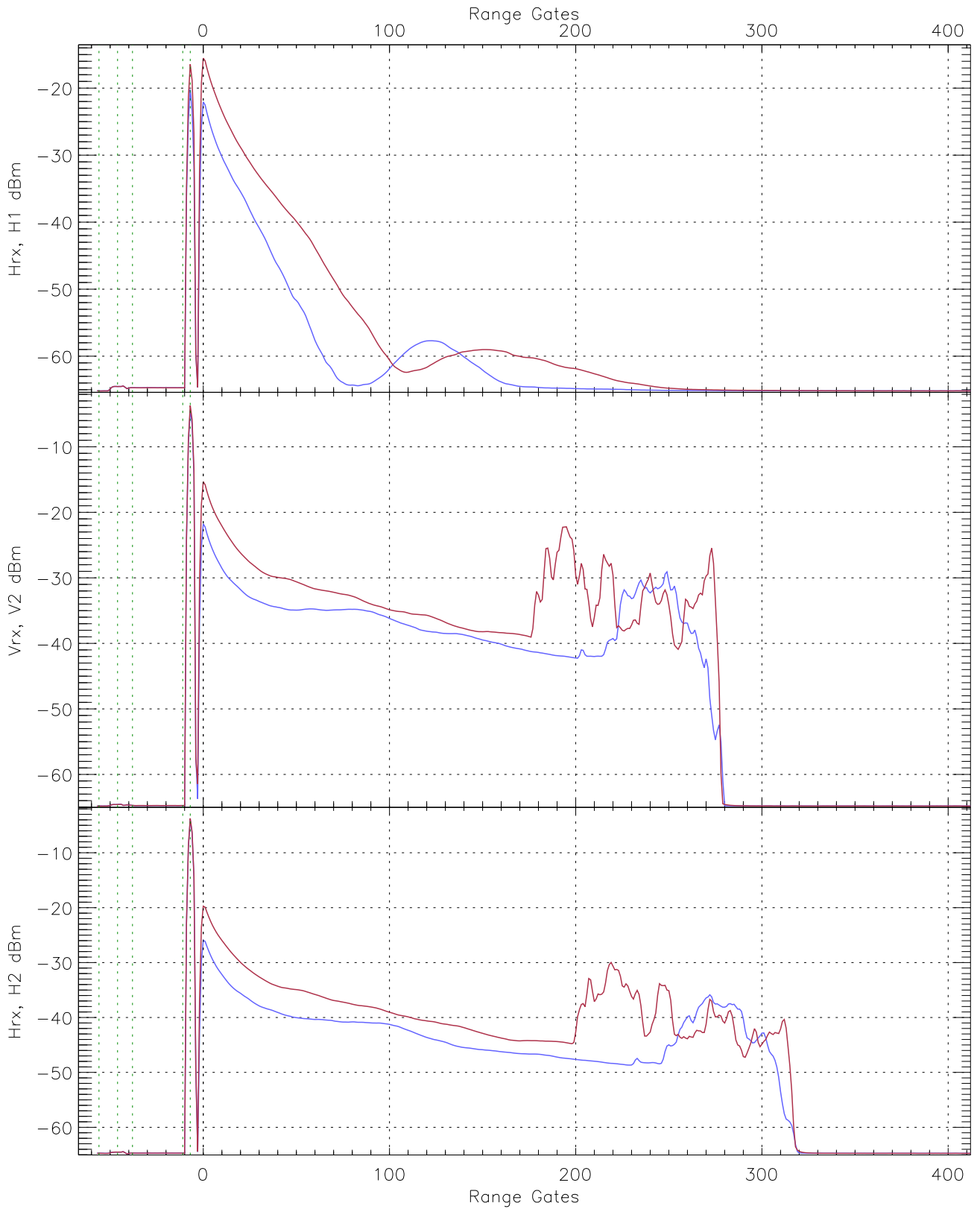
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.40	-64.05	-65.18	-65.19	-76.62
Vrx, V2 (RM [dBm])	-66.06	-63.68	-64.82	-64.83	-76.31
Hrx, H2 (RM [dBm])	-66.03	-63.55	-64.72	-64.72	-76.24



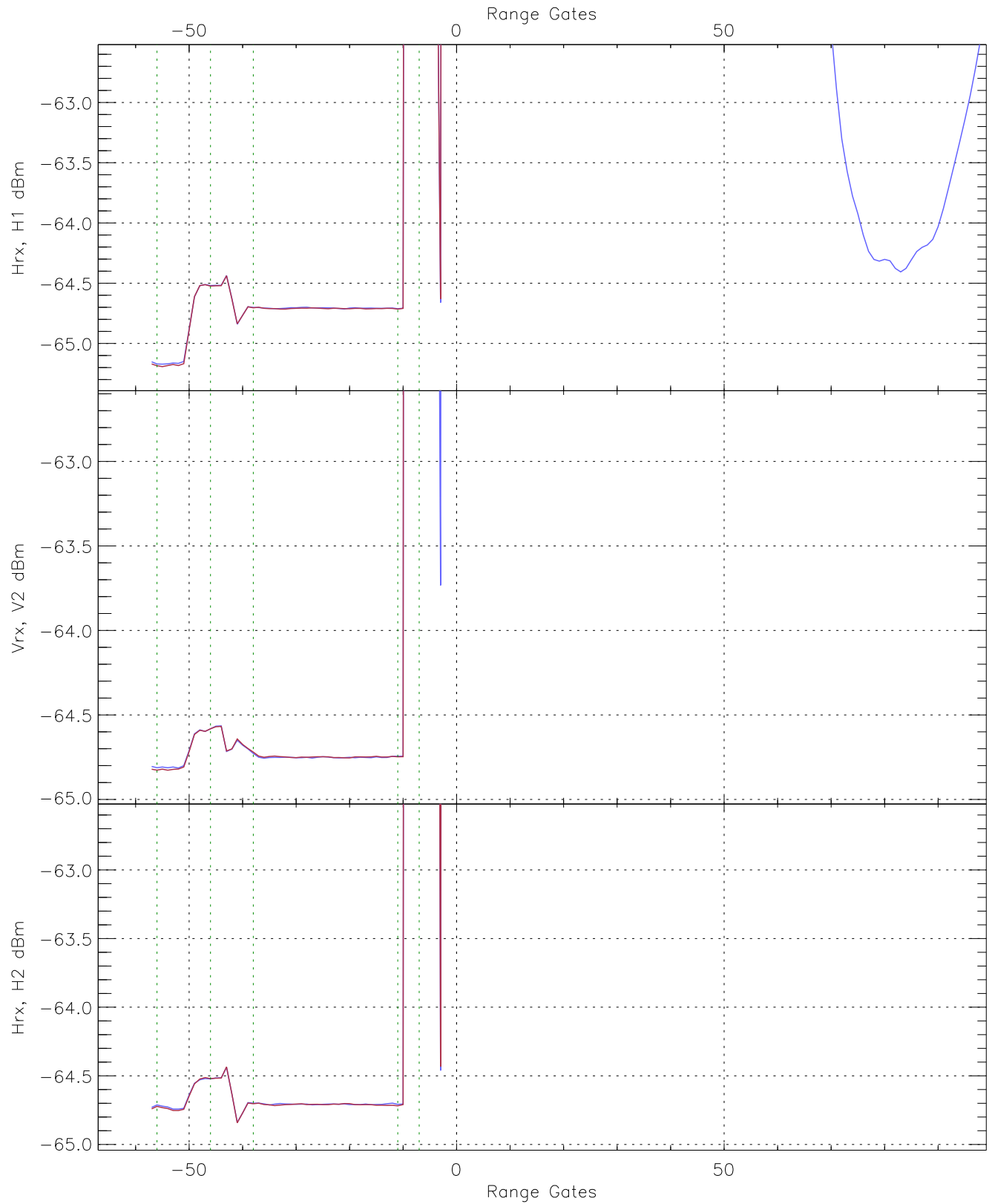
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG394_0 [dBm]	-66.47	-64.08	-65.18	-65.19	-76.69
V2RG387_0 [dBm]	-66.11	-63.67	-64.82	-64.82	-76.34
H2RG386_0 [dBm]	-66.07	-63.53	-64.75	-64.76	-76.27

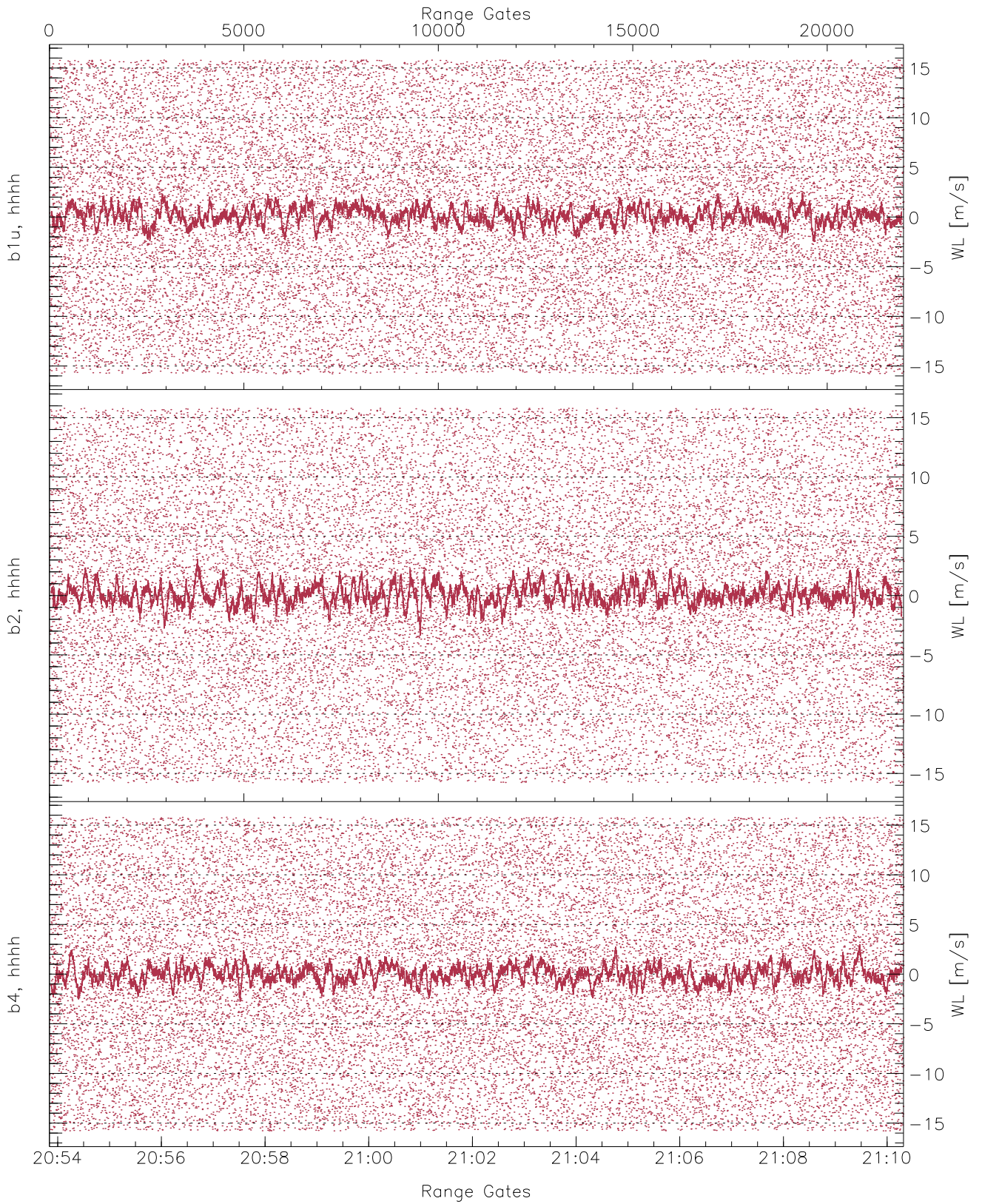




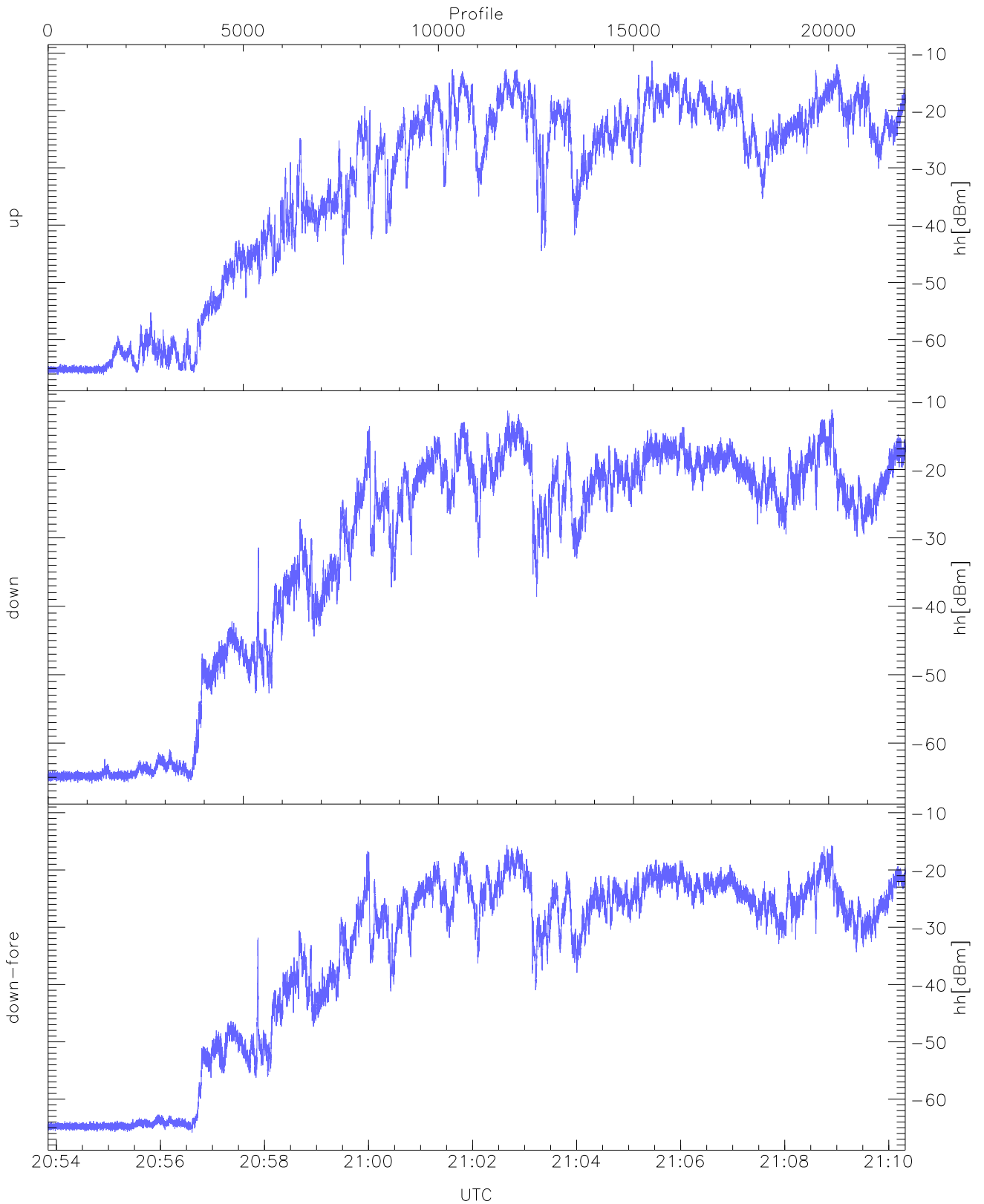
WCR3 CPP Averaged Received power for all recorded gates  
blue: 205350-210205, 10983 profiles averaged  
red: 210205-211019, 10982 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 205350-210205, 10983 profiles averaged  
red: 210205-211019, 10982 profiles averaged

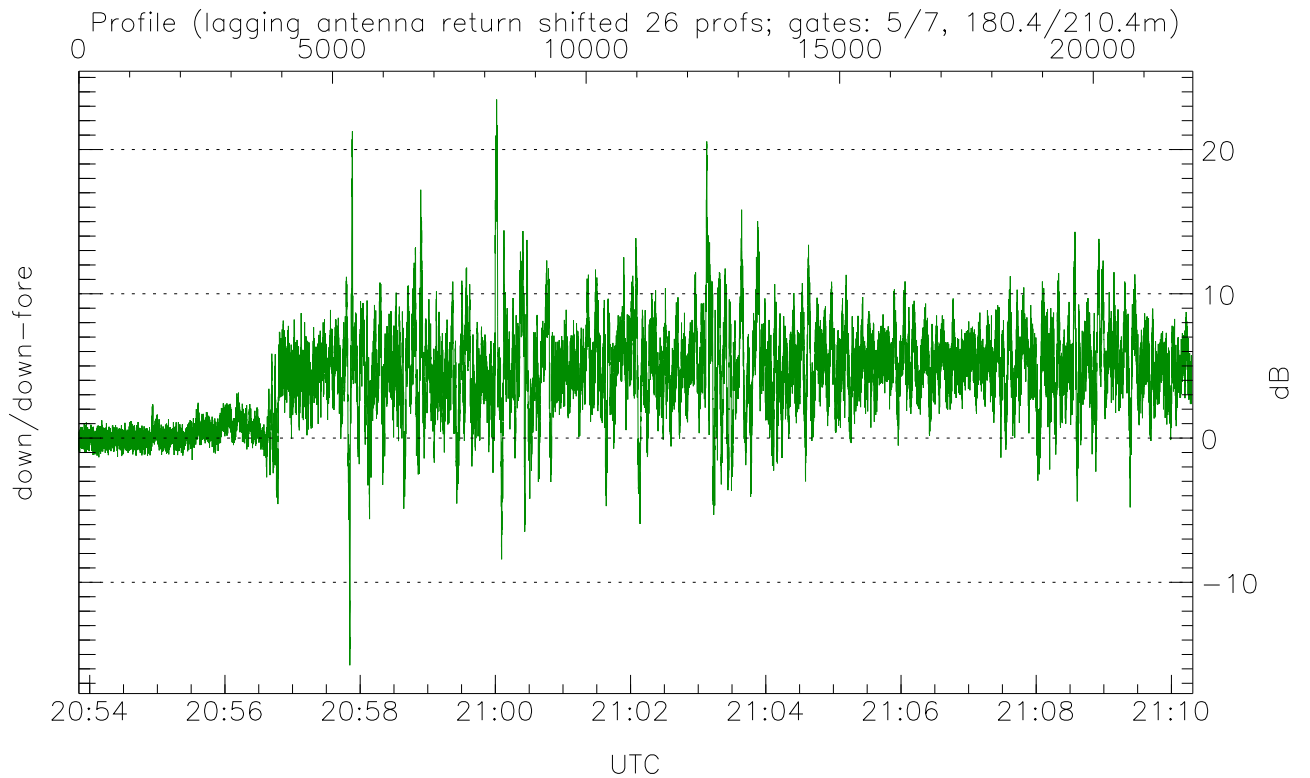
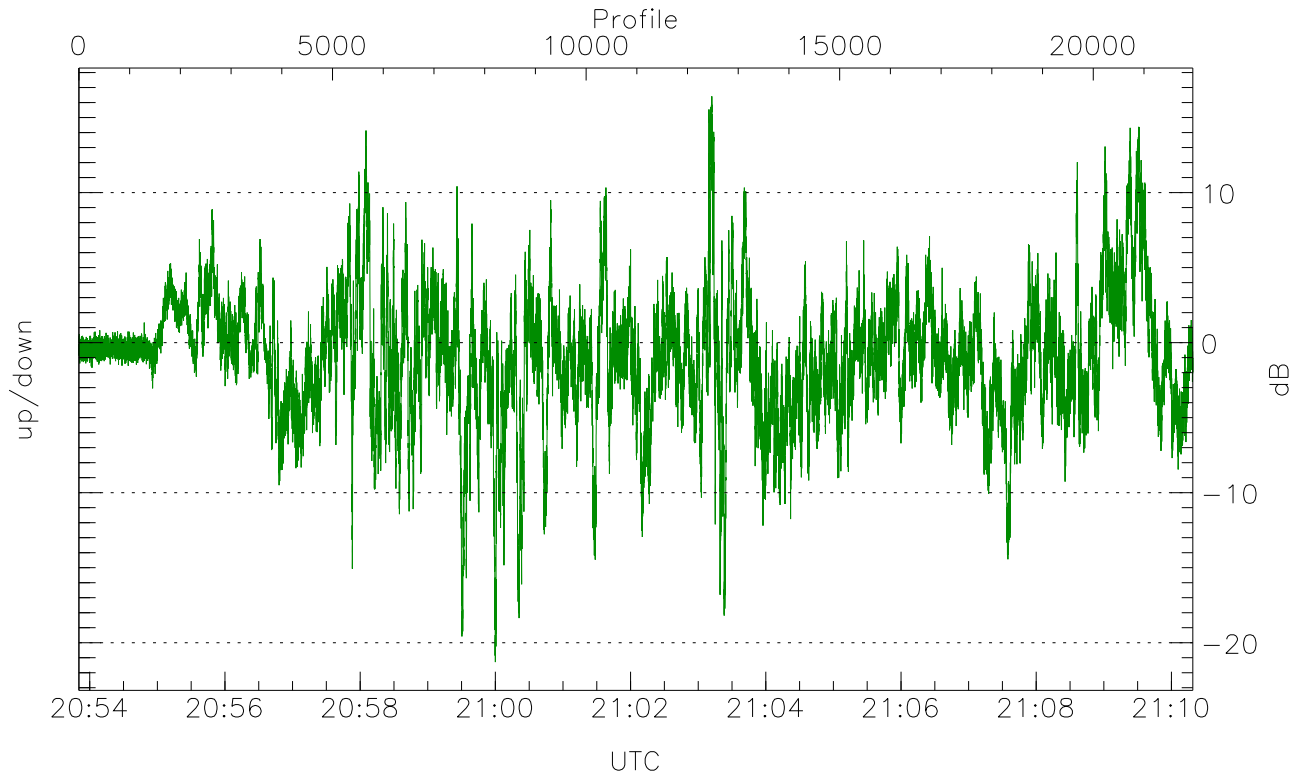


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



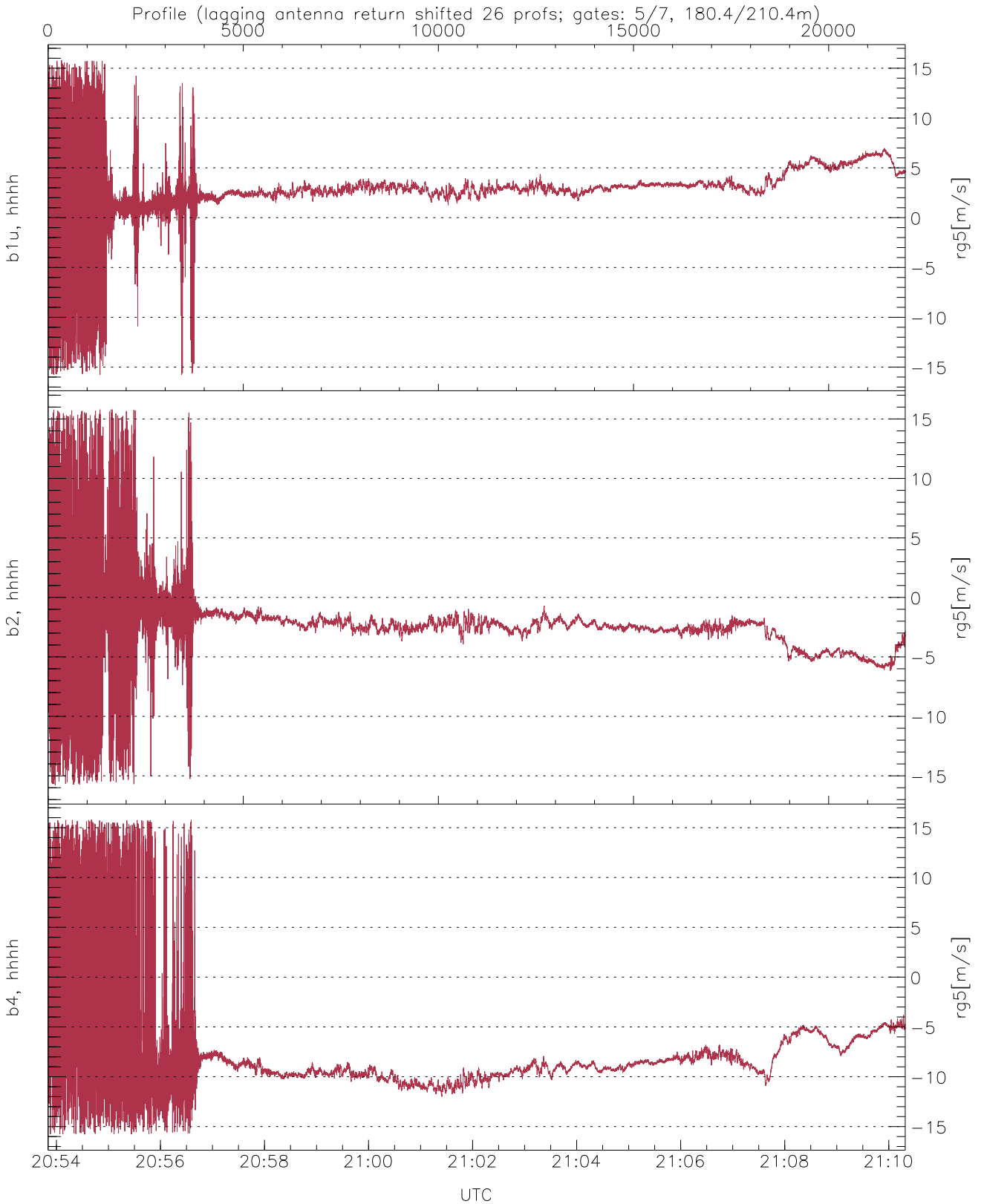
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.16	-11.31	-21.99
down(hh[dBm])	-65.90	-11.24	-21.43
down-fore(hh[dBm])	-65.81	-15.62	-25.31



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

	Min	Max	Mean
up/down (dB)	-21.29	16.42	-0.96
down/down-fore (dB)	-15.75	23.47	4.10



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.87	2.78
b2, hhhh(rg5[m/s])	-15.78	15.79	-2.36	2.90
b4, hhhh(rg5[m/s])	-15.78	15.79	-7.74	4.38