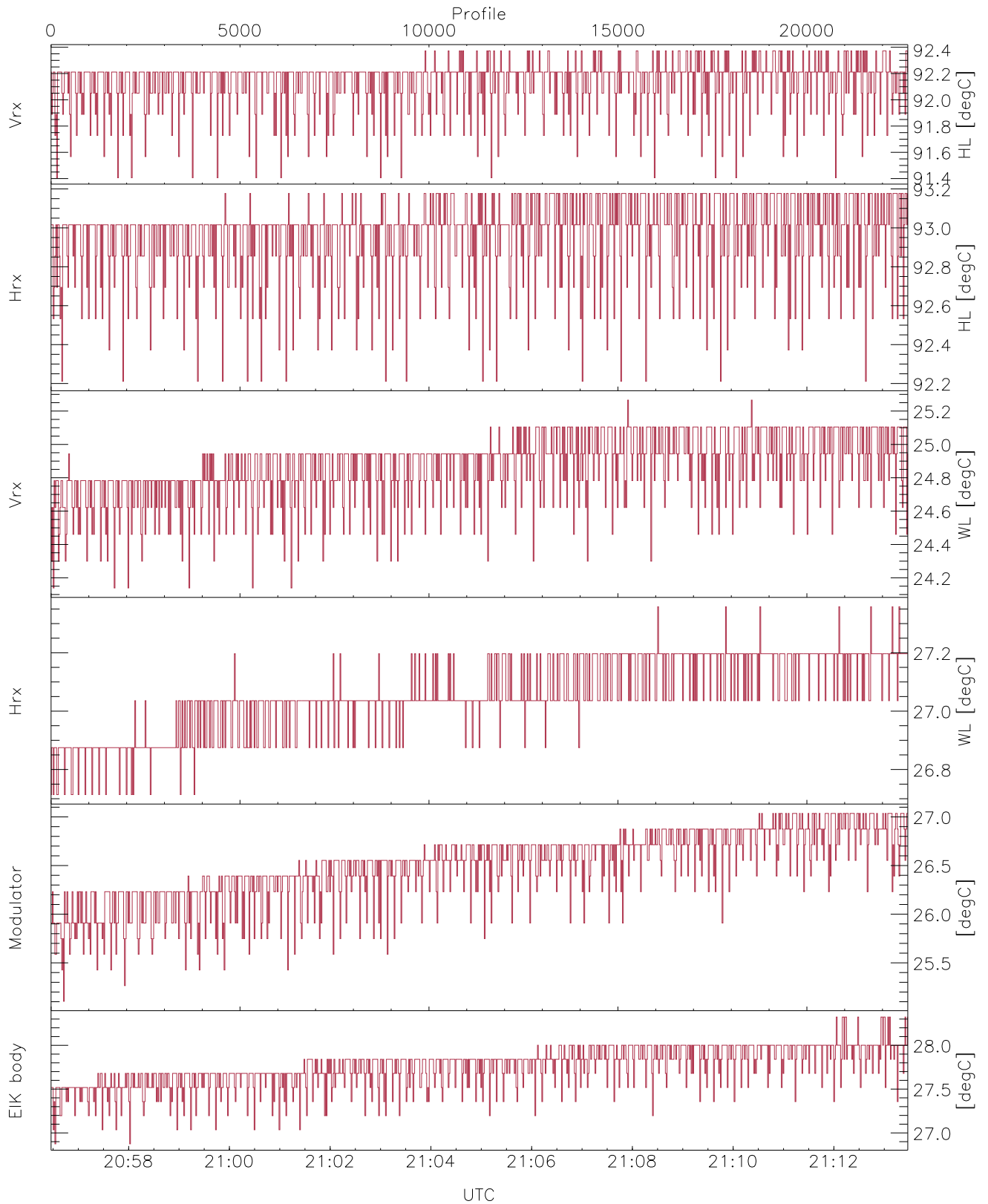


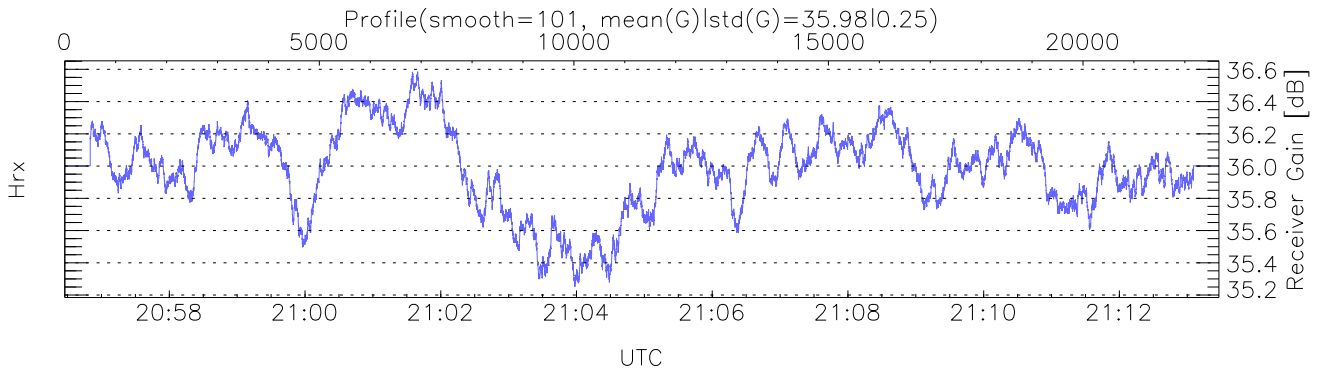
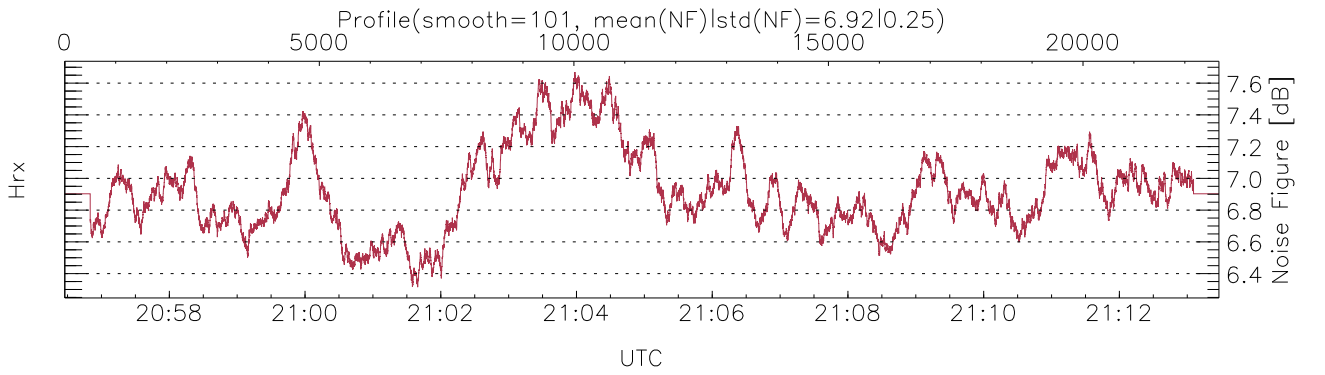
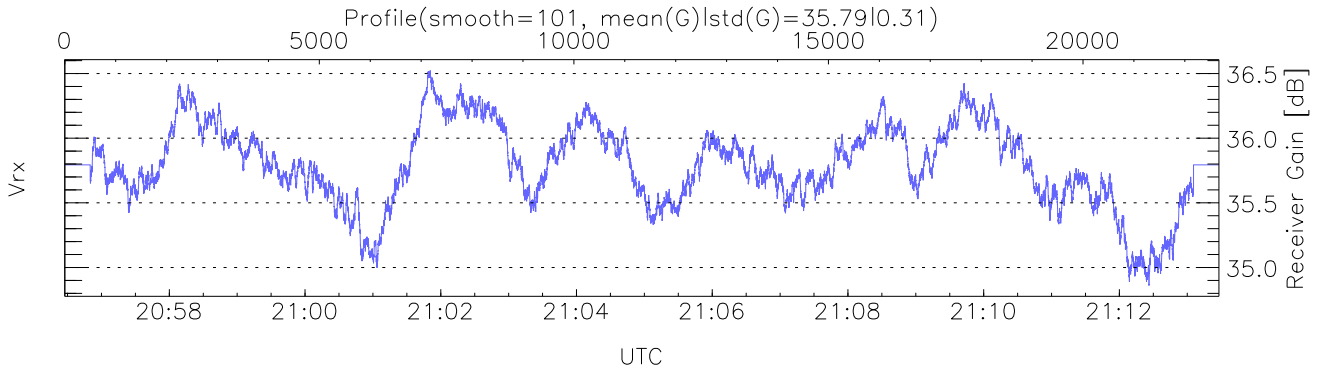
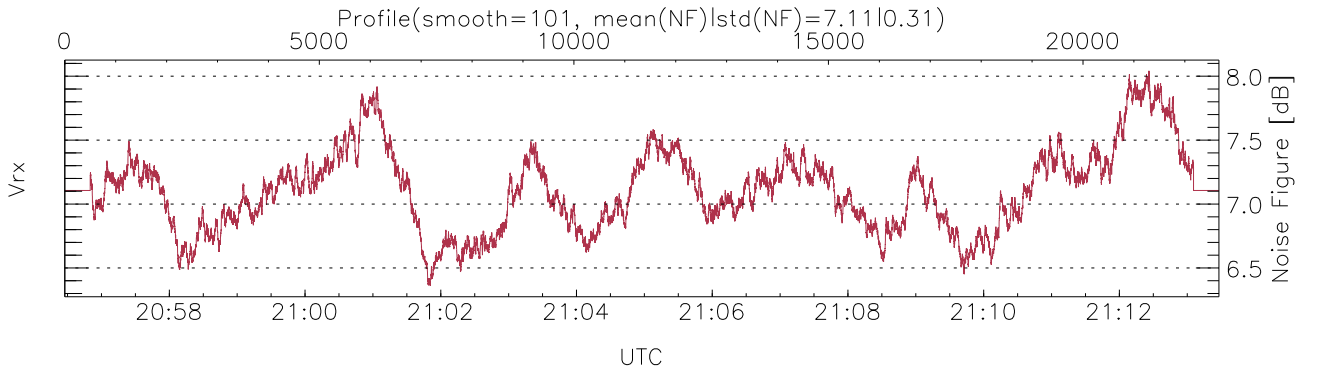
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:56:28-21:13:28, TimeCor: 0.00s, Dur: 1020.45s  
 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): 22672/22672, 0-22671/20:56:28-21:13:28  
 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



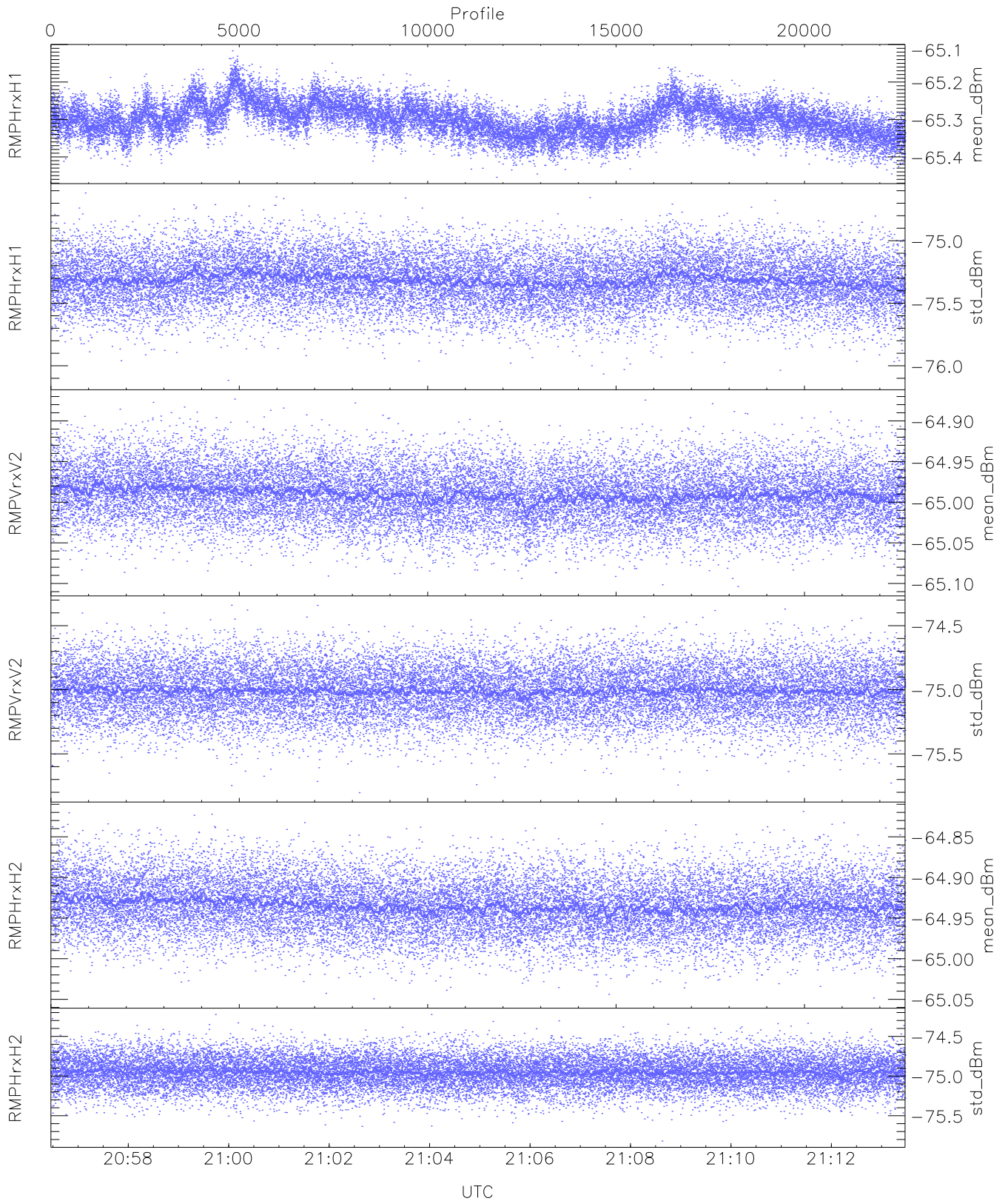
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



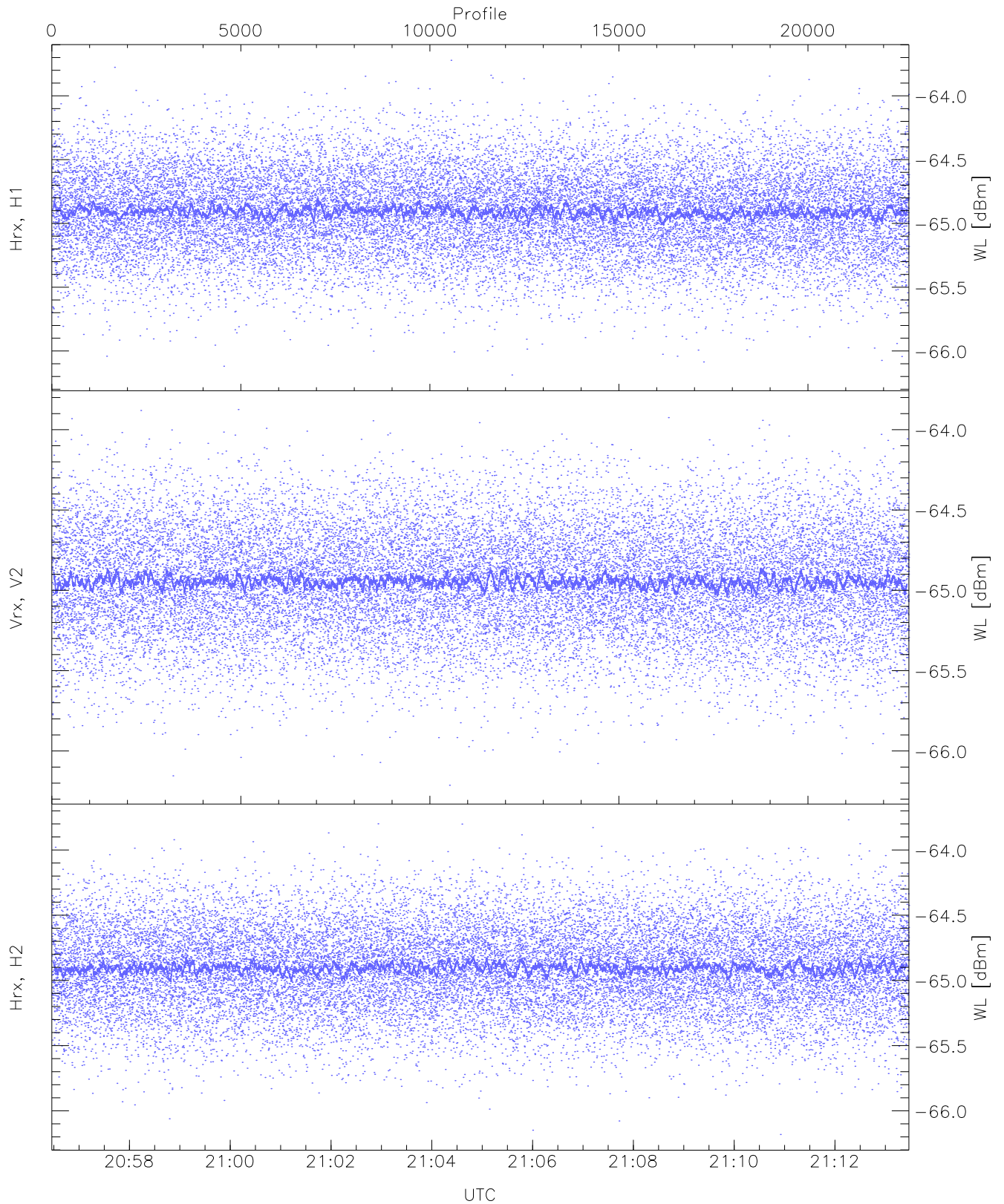
WCR3 CPP Receivers Gain and Noise Figure

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



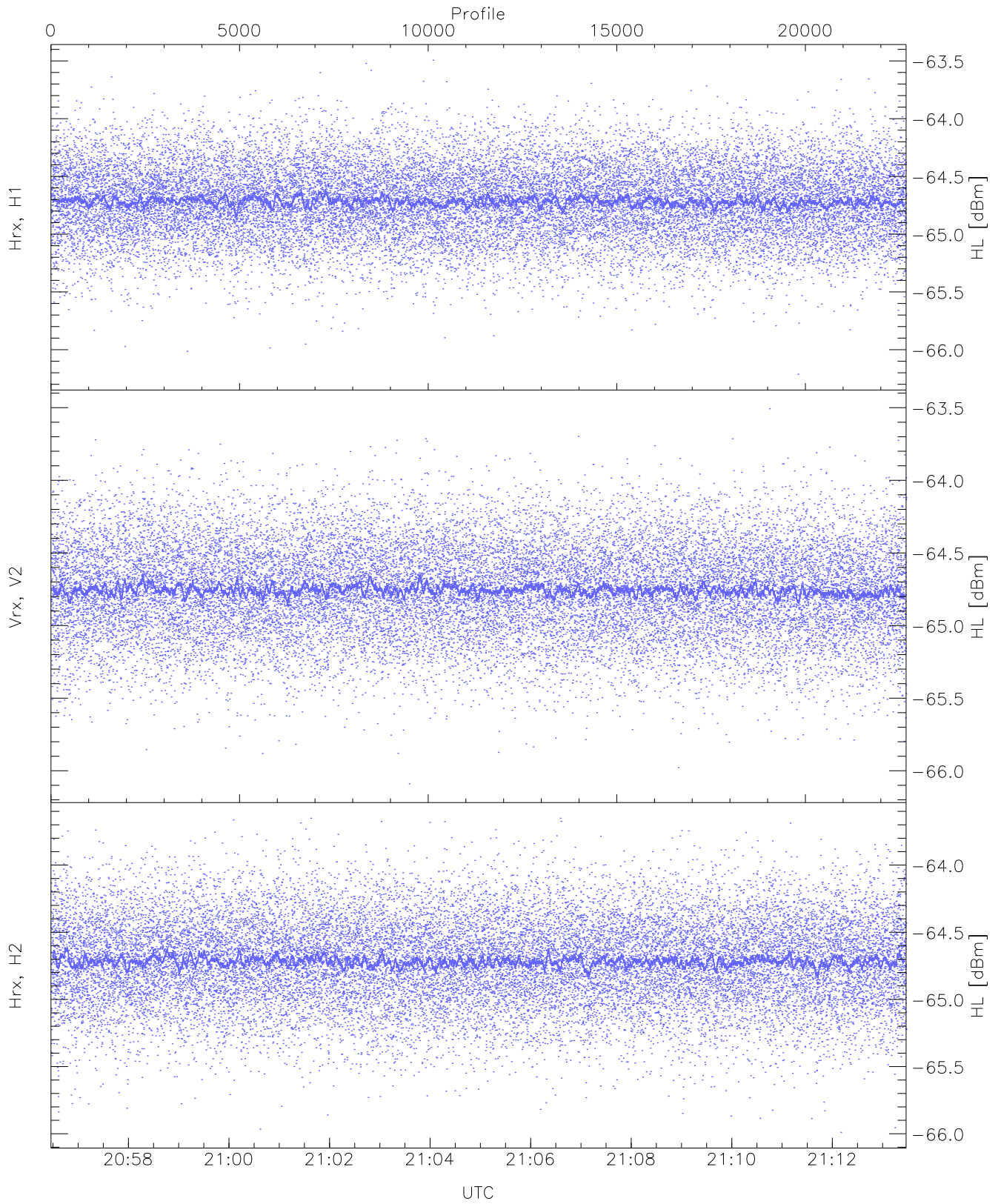
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.45	-65.12	-65.30	-65.30	-85.29
RMPHrxH1 (std_dBm)	-76.12	-74.62	-75.31	-75.32	-89.03
RMPVrxV2 (mean_dBm)	-65.10	-64.87	-64.99	-64.99	-86.50
RMPVrxV2 (std_dBm)	-75.80	-74.34	-75.01	-75.01	-88.78
RMPHrxH2 (mean_dBm)	-65.05	-64.82	-64.94	-64.94	-86.49
RMPHrxH2 (std_dBm)	-75.82	-74.22	-74.95	-74.95	-88.77



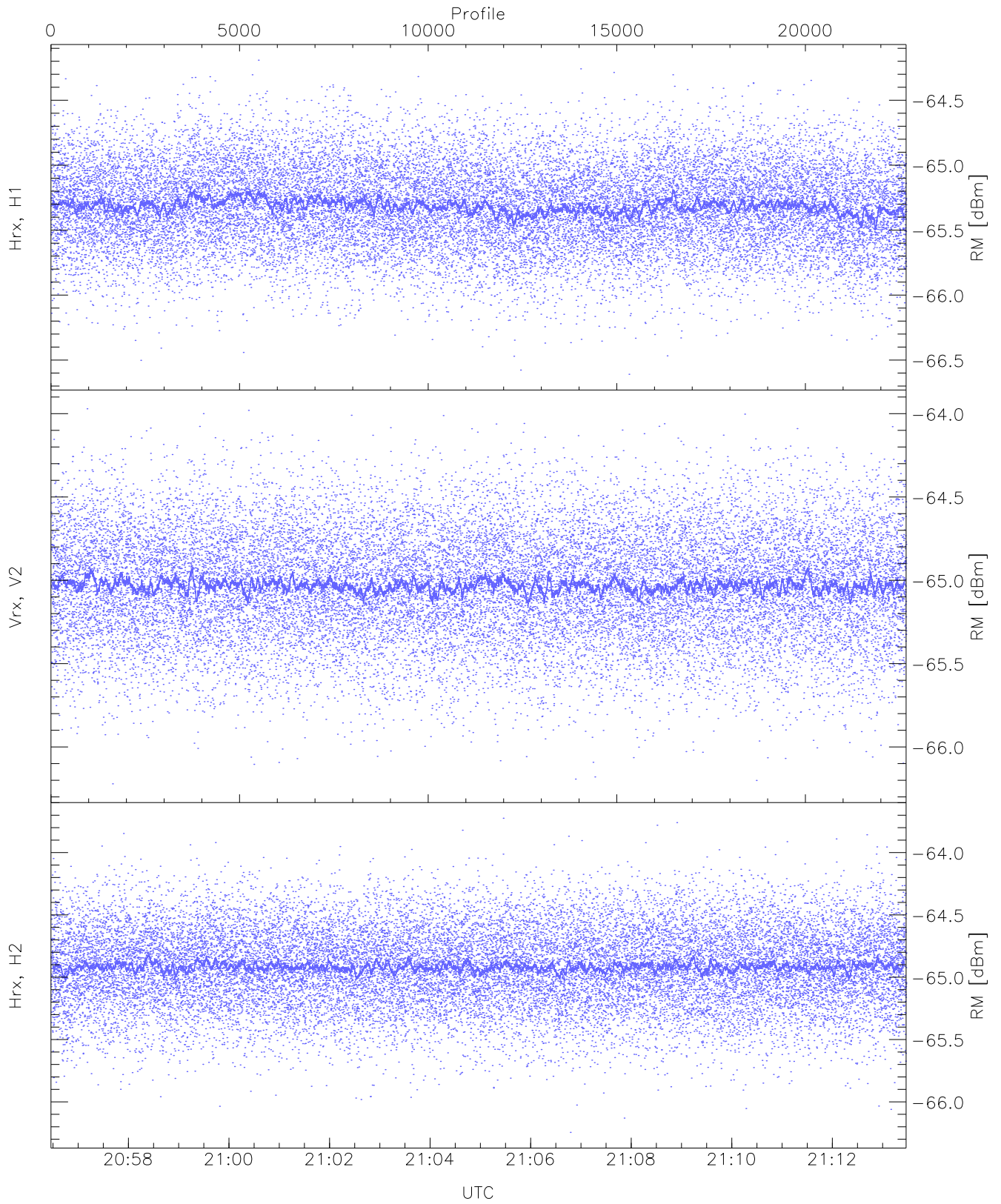
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.19	-63.72	-64.90	-64.91	-76.40
Vrx, V2 (WL [dBm])	-66.21	-63.87	-64.94	-64.95	-76.47
Hrx, H2 (WL [dBm])	-66.18	-63.77	-64.90	-64.91	-76.42



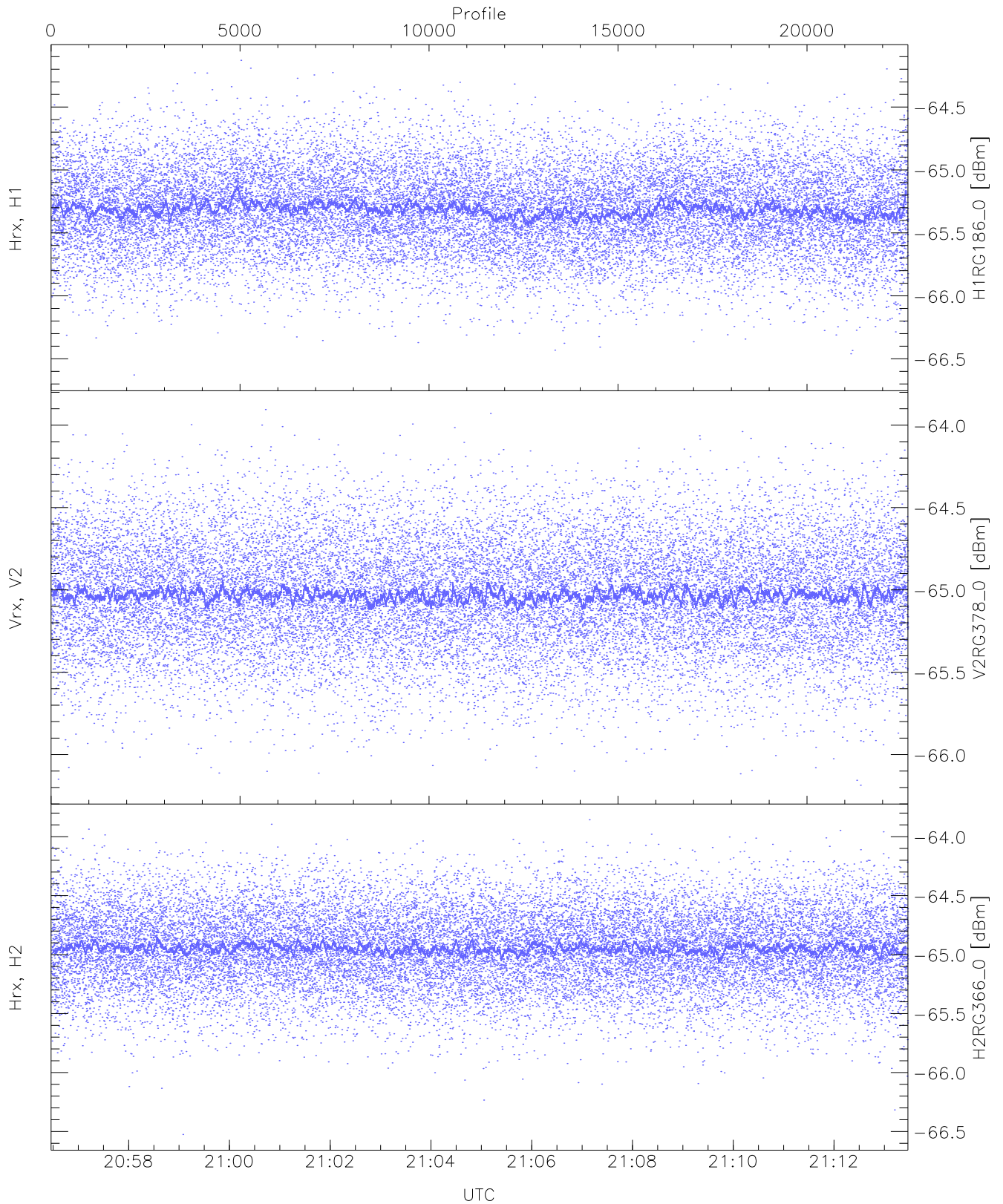
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.21	-63.49	-64.71	-64.72	-76.25
Vrx, V2 (HL [dBm])	-66.09	-63.51	-64.75	-64.76	-76.28
Hrx, H2 (HL [dBm])	-65.99	-63.65	-64.71	-64.72	-76.20



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

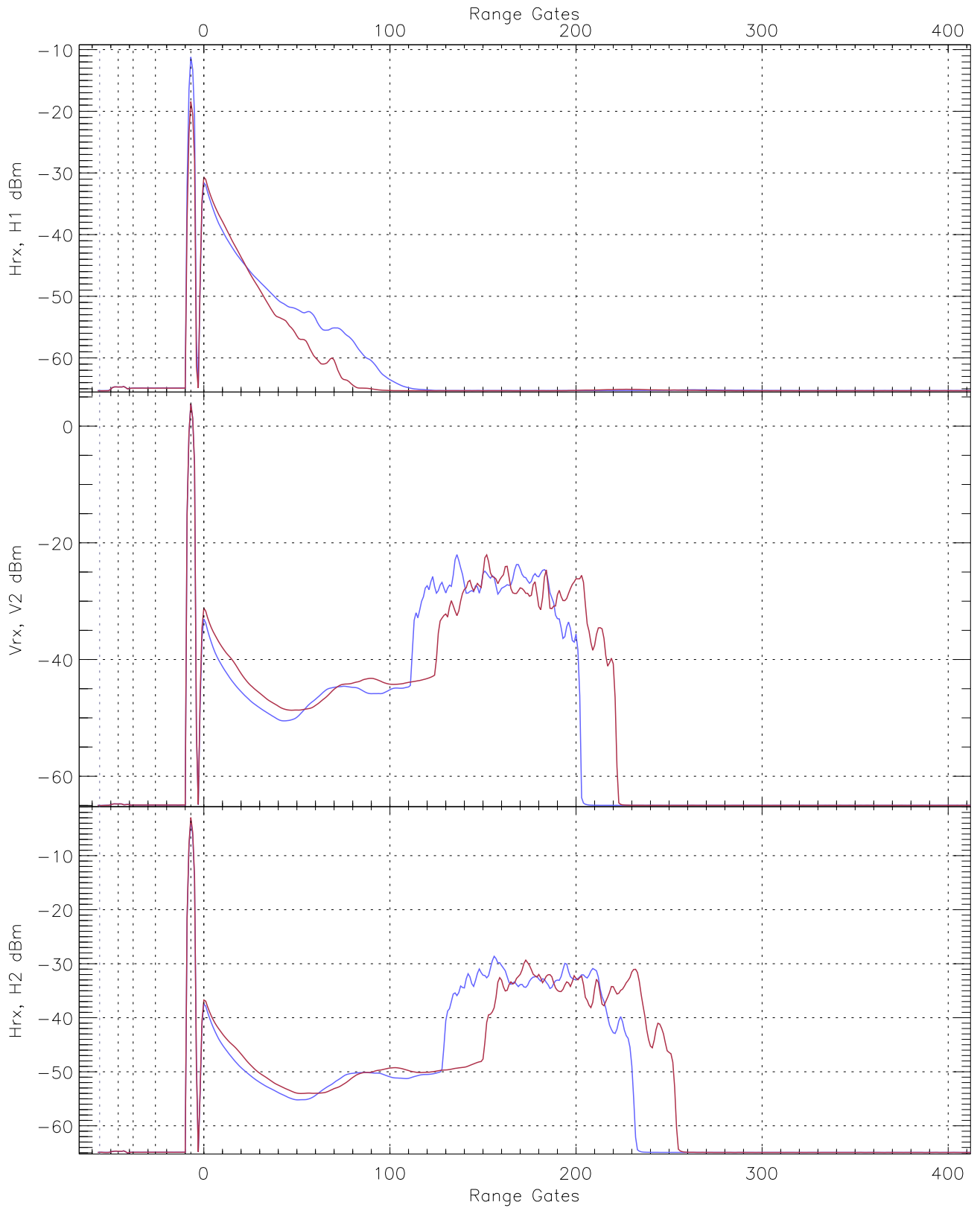
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.61	-64.19	-65.31	-65.32	-76.82
Vrx, V2 (RM [dBm])	-66.22	-63.97	-65.02	-65.03	-76.52
Hrx, H2 (RM [dBm])	-66.24	-63.72	-64.91	-64.92	-76.45



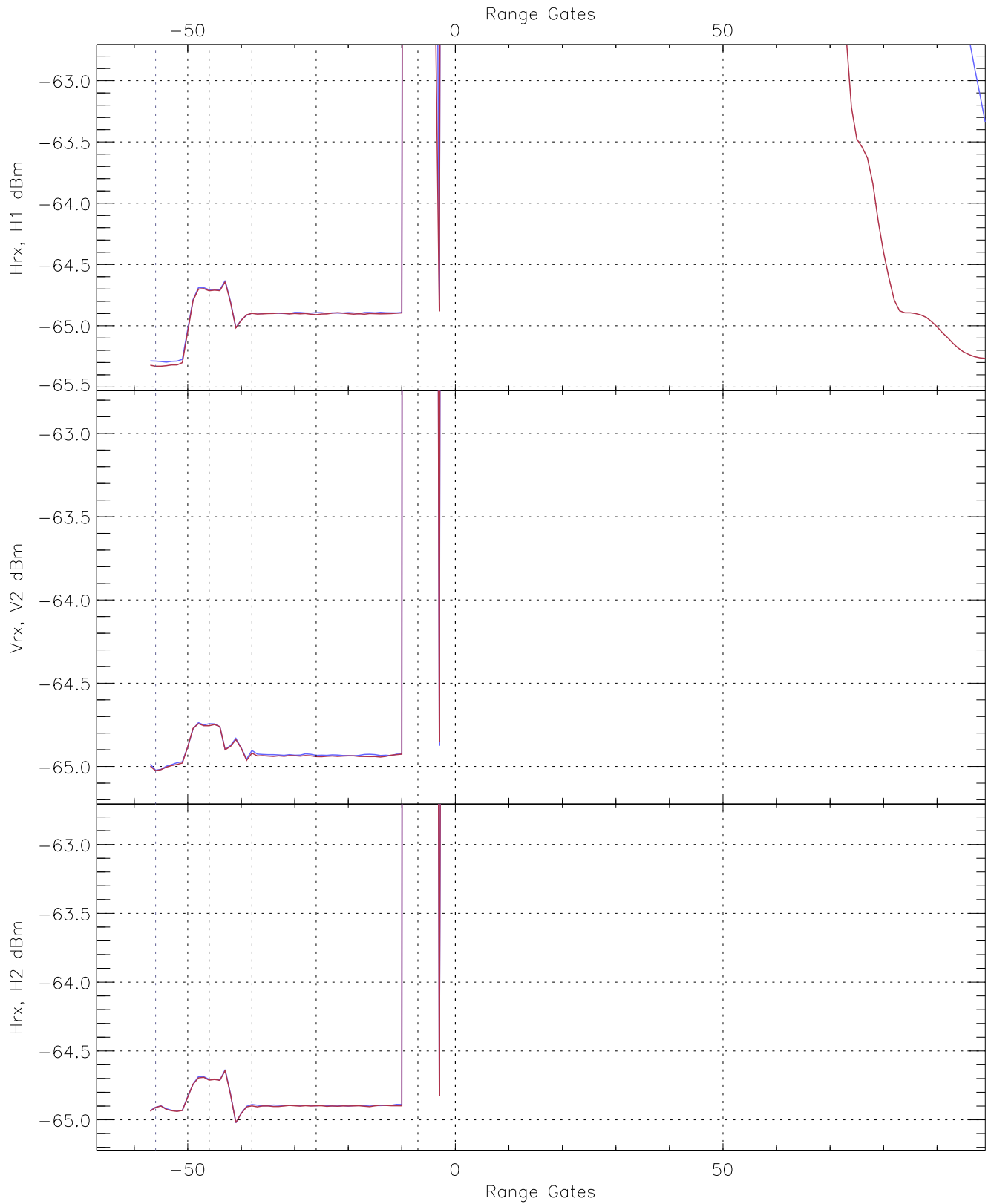
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG186_0 [dBm]	-66.63	-64.13	-65.31	-65.32	-76.79
V2RG378_0 [dBm]	-66.19	-63.90	-65.02	-65.03	-76.56
H2RG366_0 [dBm]	-66.53	-63.86	-64.94	-64.95	-76.44

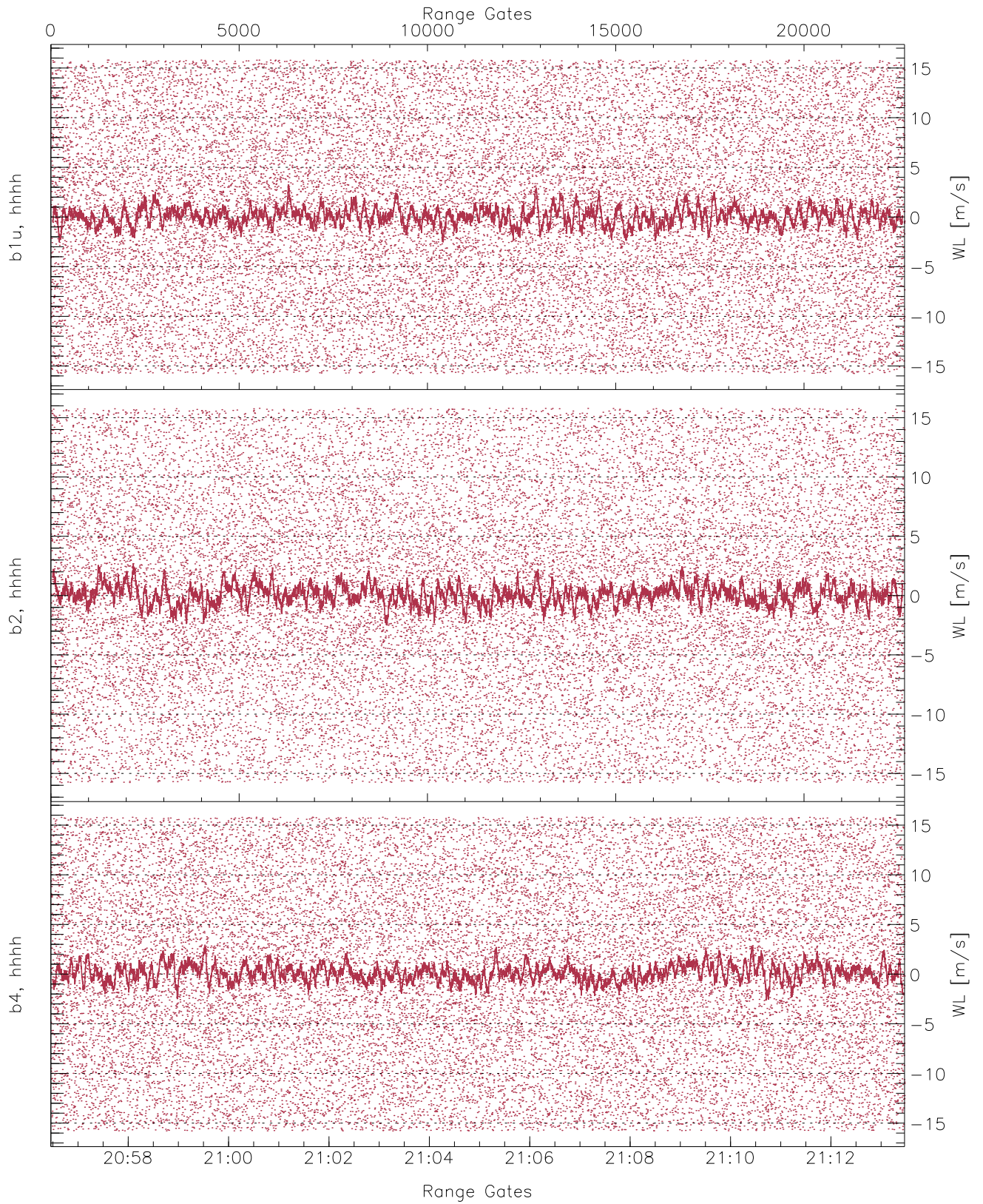




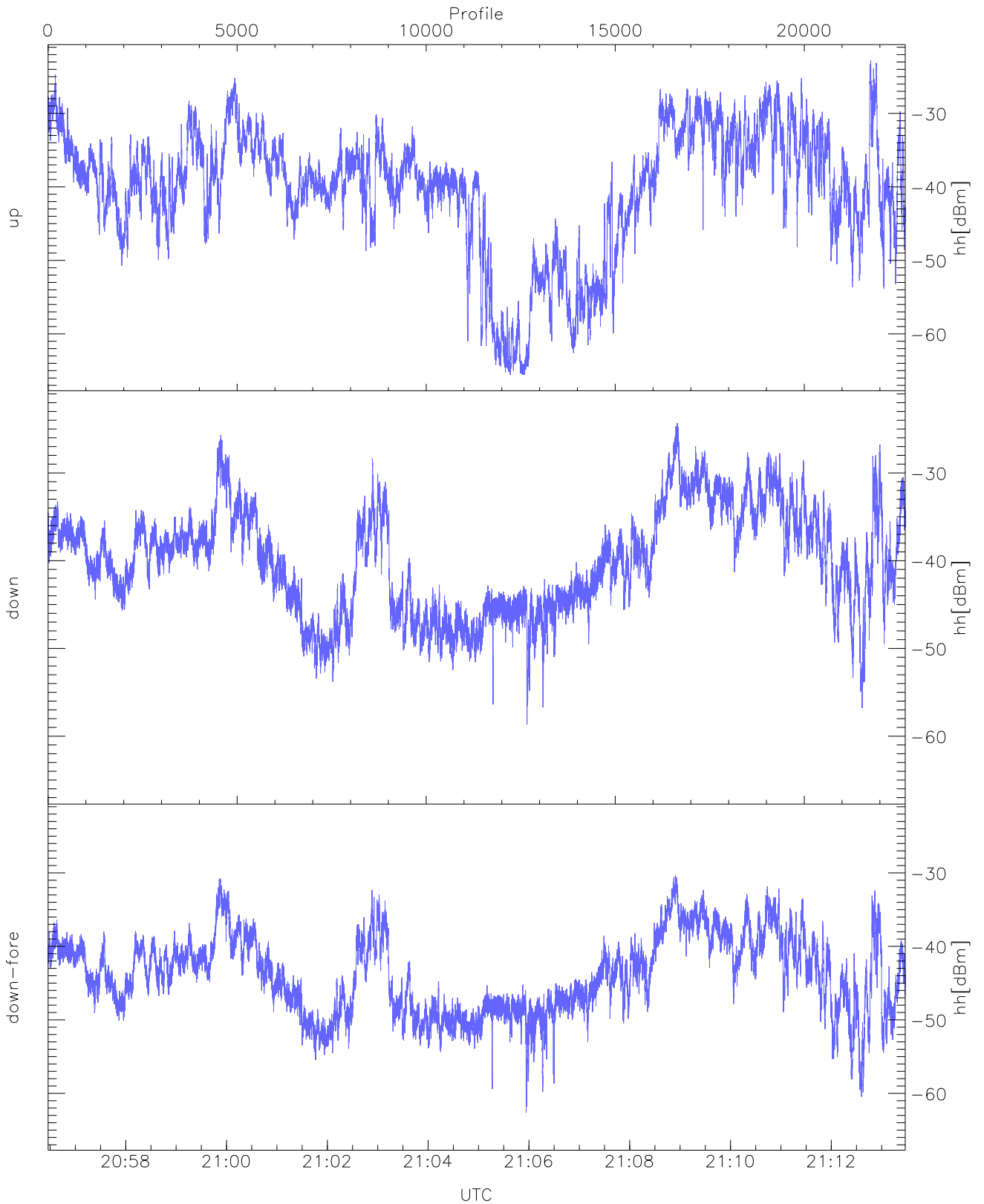
WCR3 CPP Averaged Received power for all recorded gates  
blue: 205628-210458, 11337 profiles averaged  
red: 210458-211328, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 205628-210458, 11337 profiles averaged  
red: 210458-211328, 11336 profiles averaged

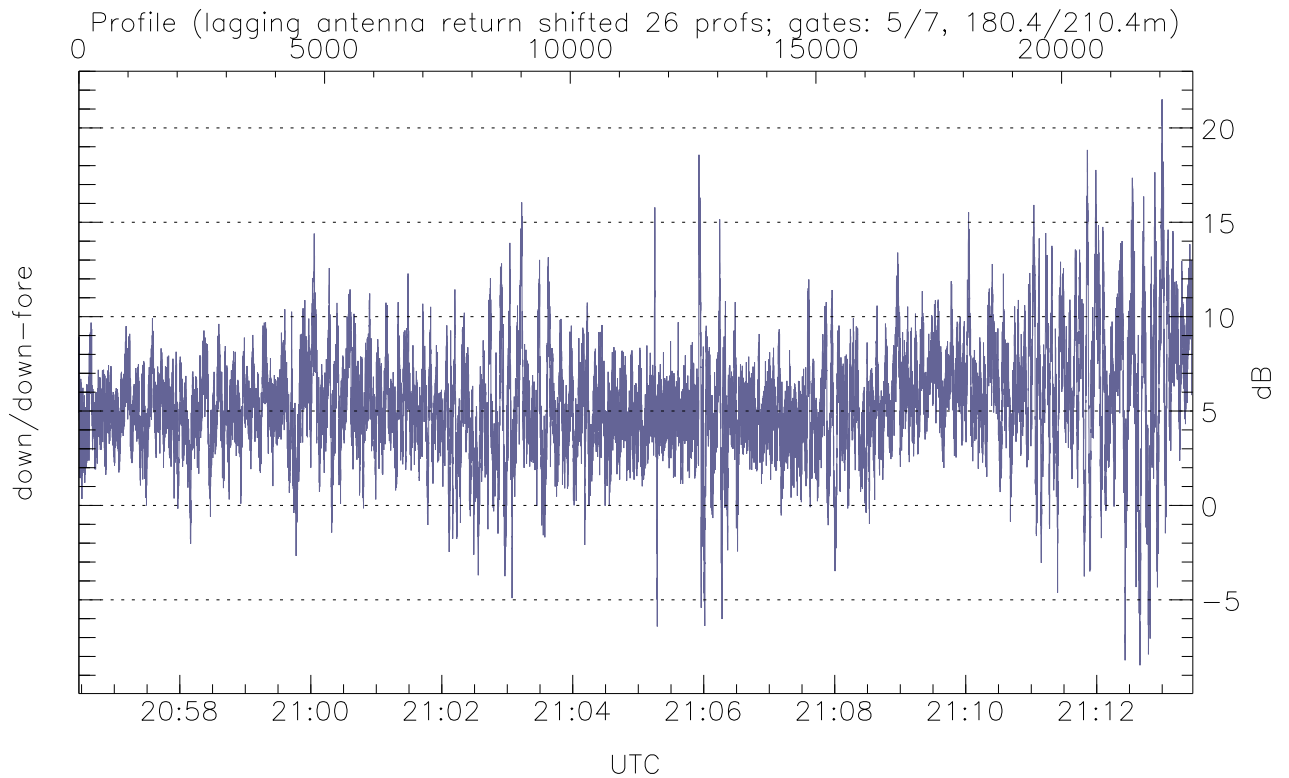
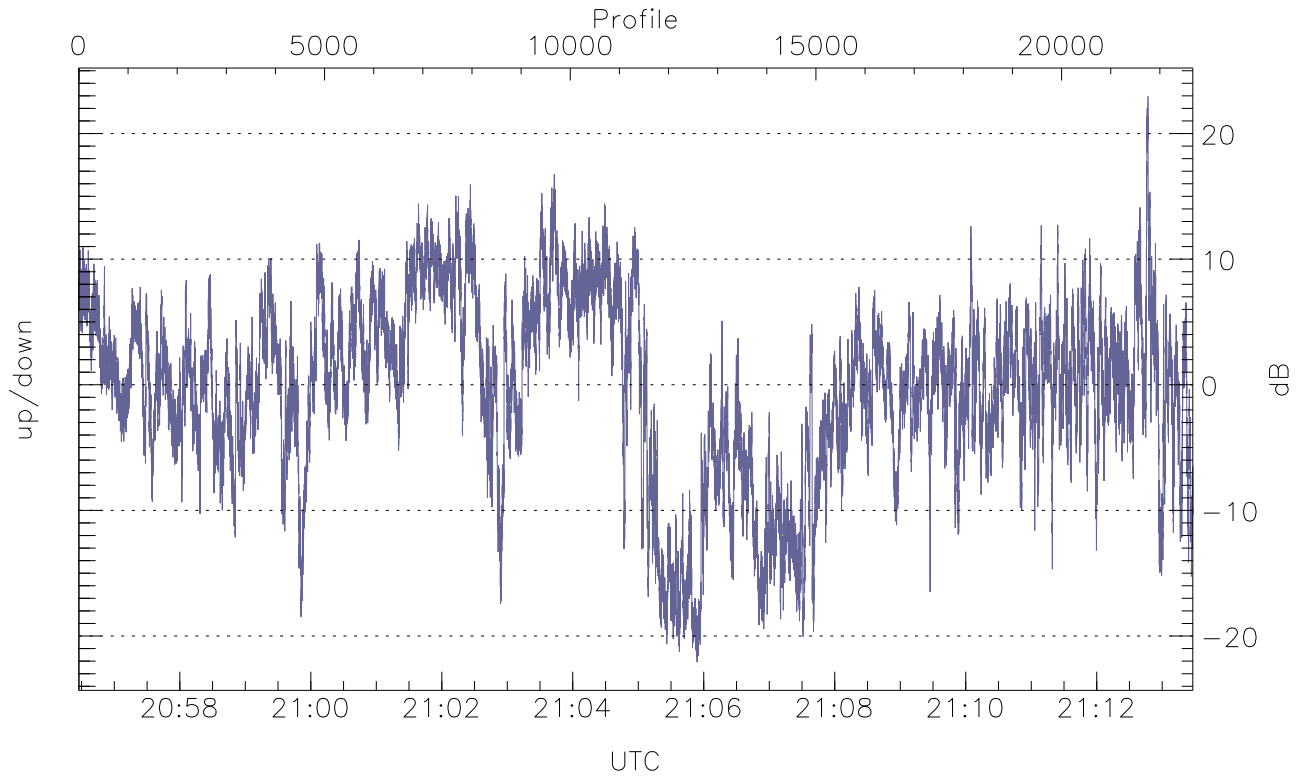


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



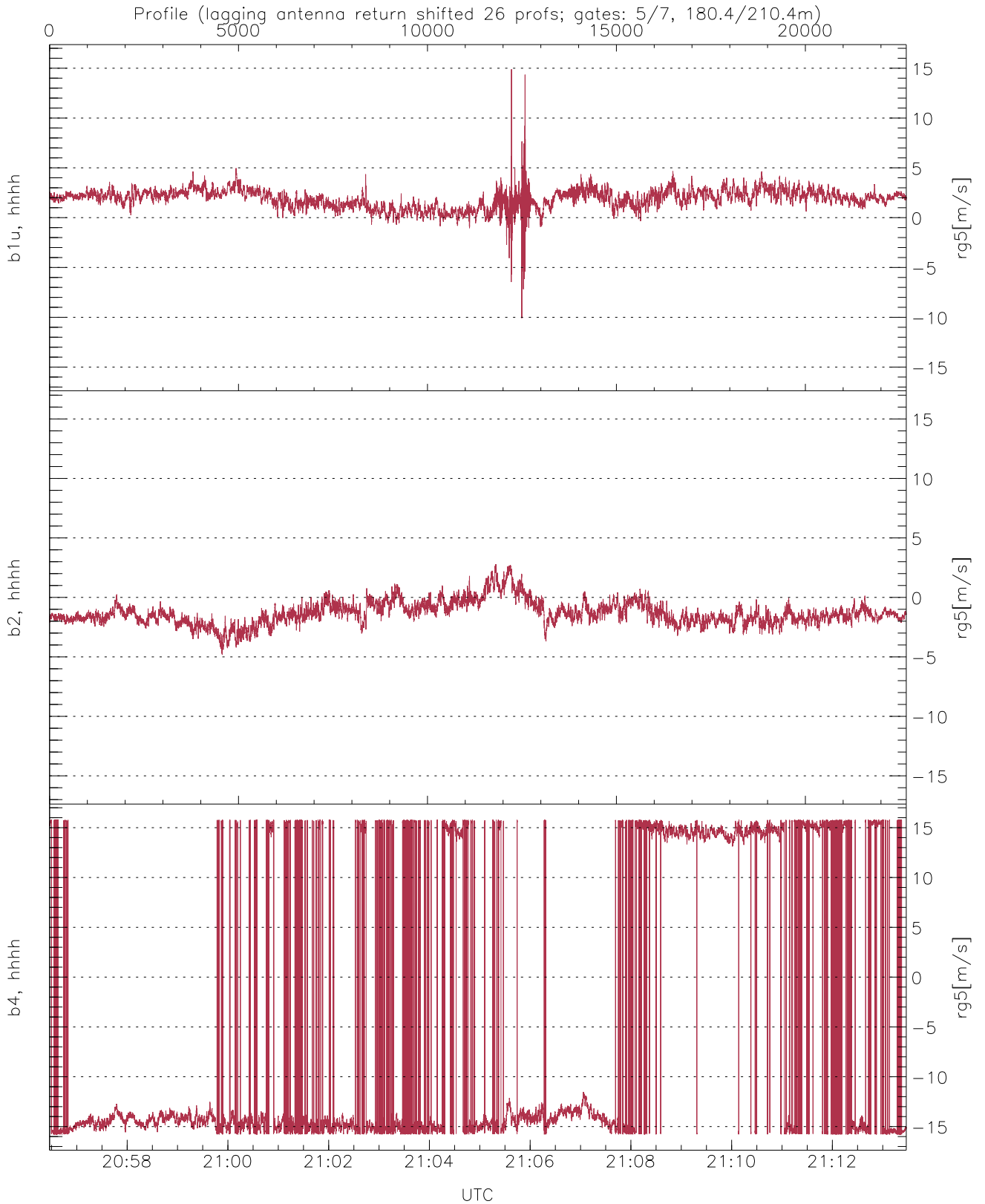
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.59	-22.78	-35.27
down(hh[dBm])	-58.67	-24.32	-36.37
down-fore(hh[dBm])	-62.63	-30.33	-41.00



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

	Min	Max	Mean
up/down (dB)	-22.07	22.96	-0.24
down/down-fore (dB)	-8.47	21.50	5.41



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-10.09	14.90	1.88	0.93
b2, hhhh(rg5[m/s])	-4.82	2.79	-1.32	0.99
b4, hhhh(rg5[m/s])	-15.79	15.79	-5.10	13.92