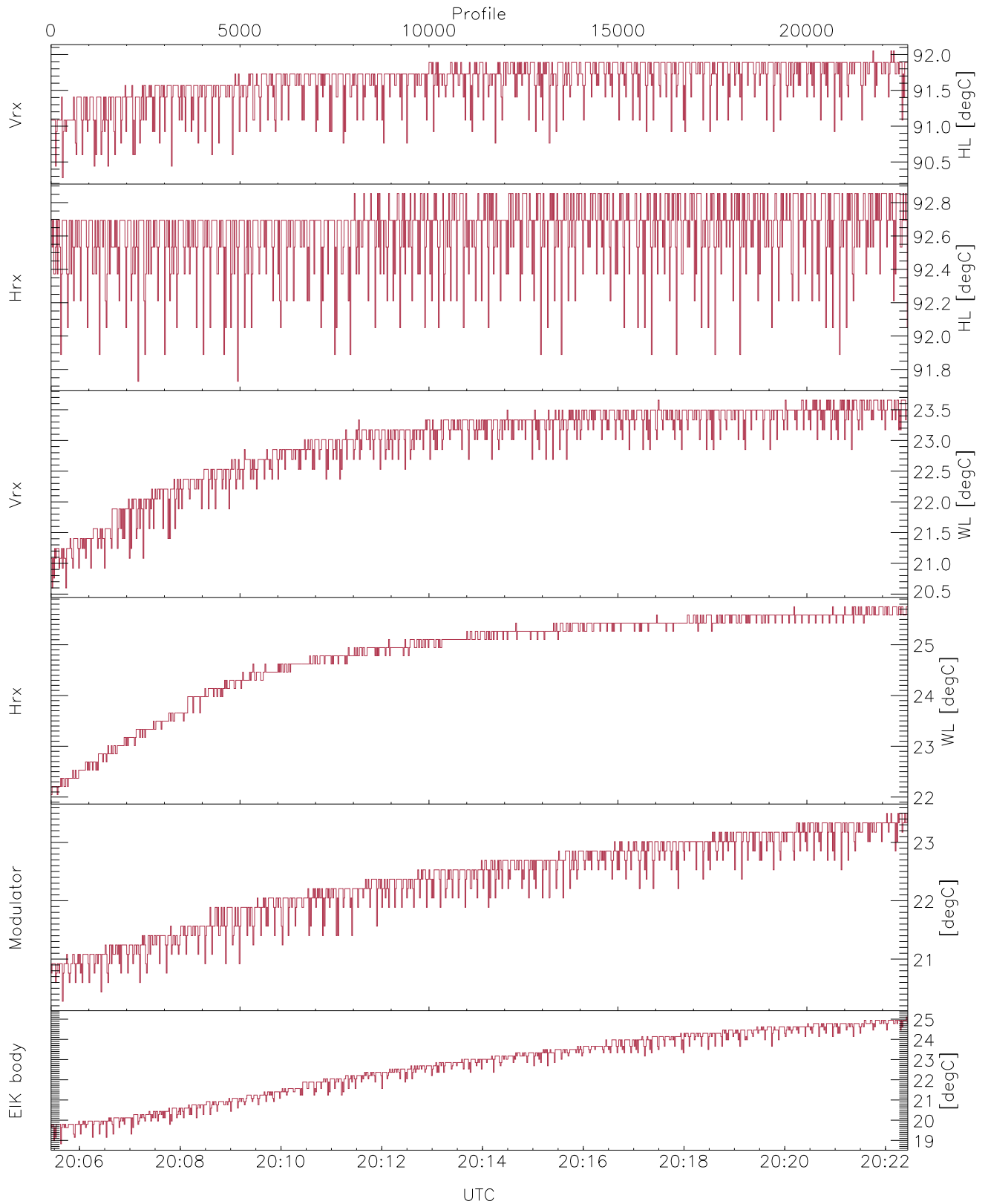


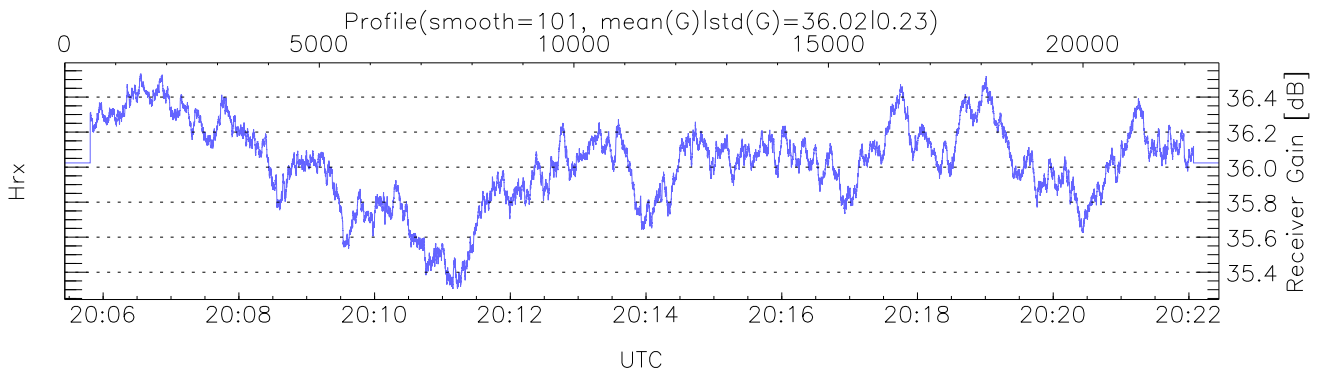
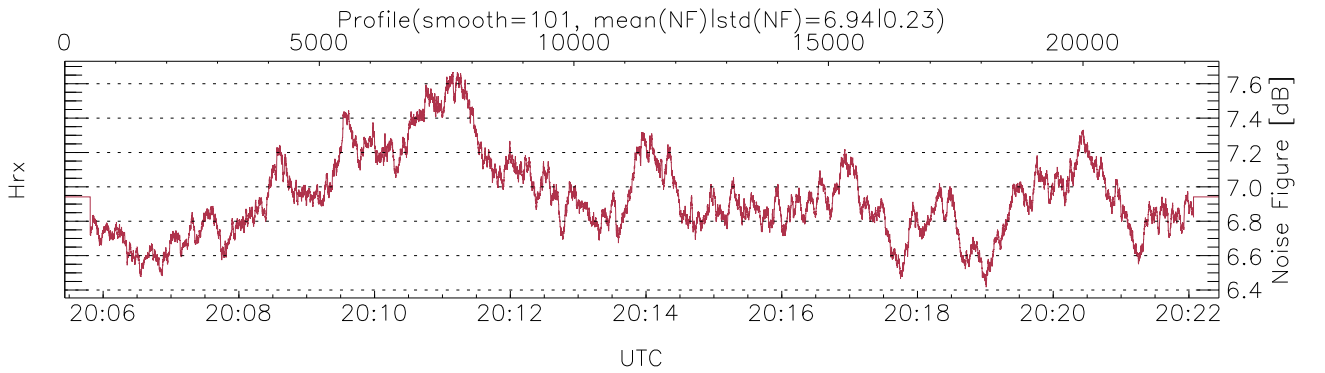
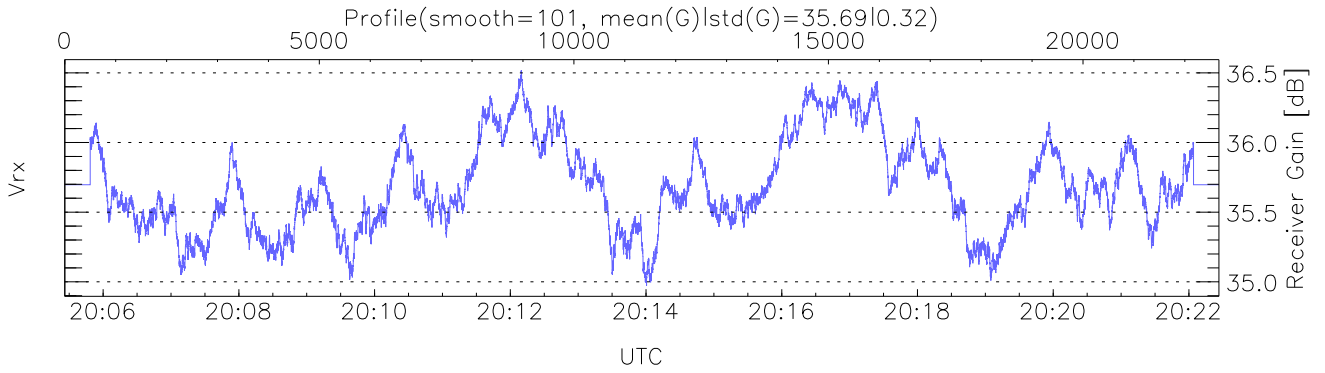
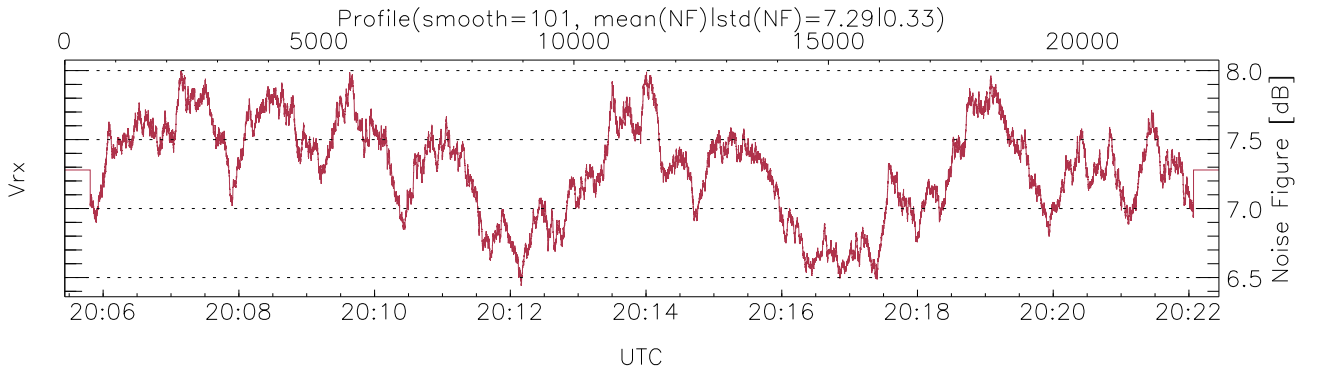
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:05:26-20:22:27, 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, 0-22671/20:05:26-20:22:27  
 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



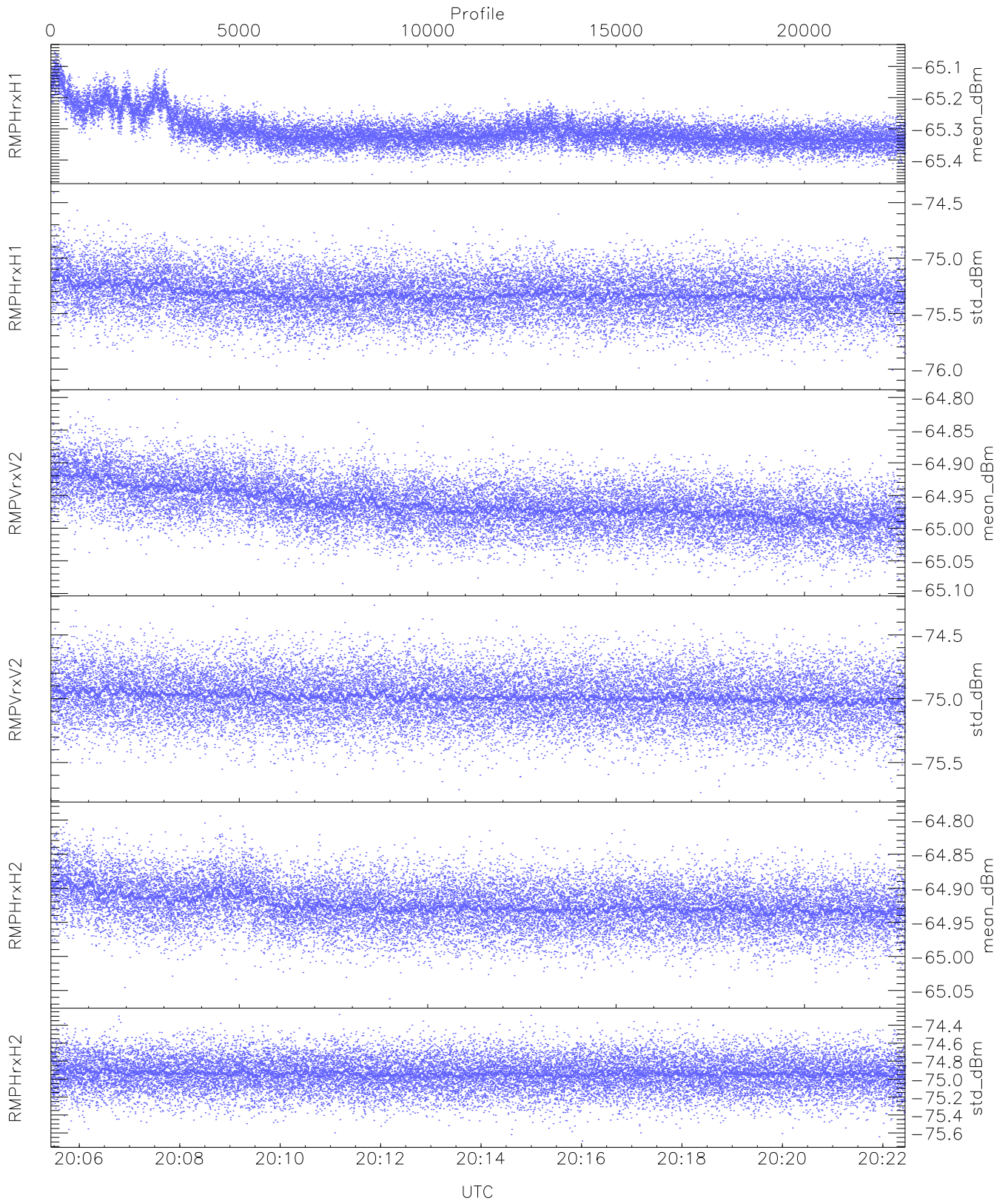
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,22,20,18`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,23,25`  
`LOalarm(20,240,2817,14861 MHz): 0,0,44,0`  
`EIK/Modulator Faults: None`



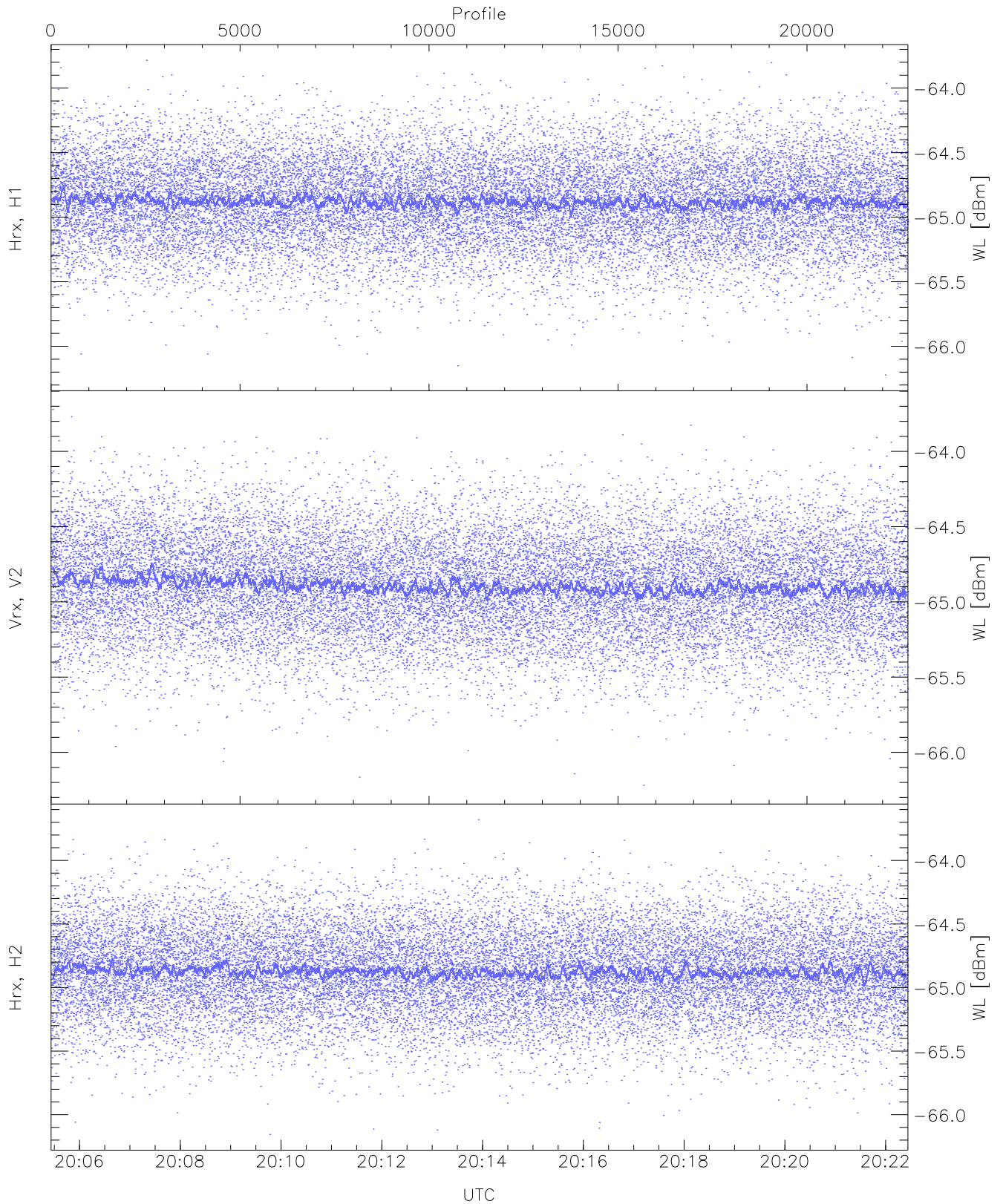
### WCR3 CPP Receivers Gain and Noise Figure

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



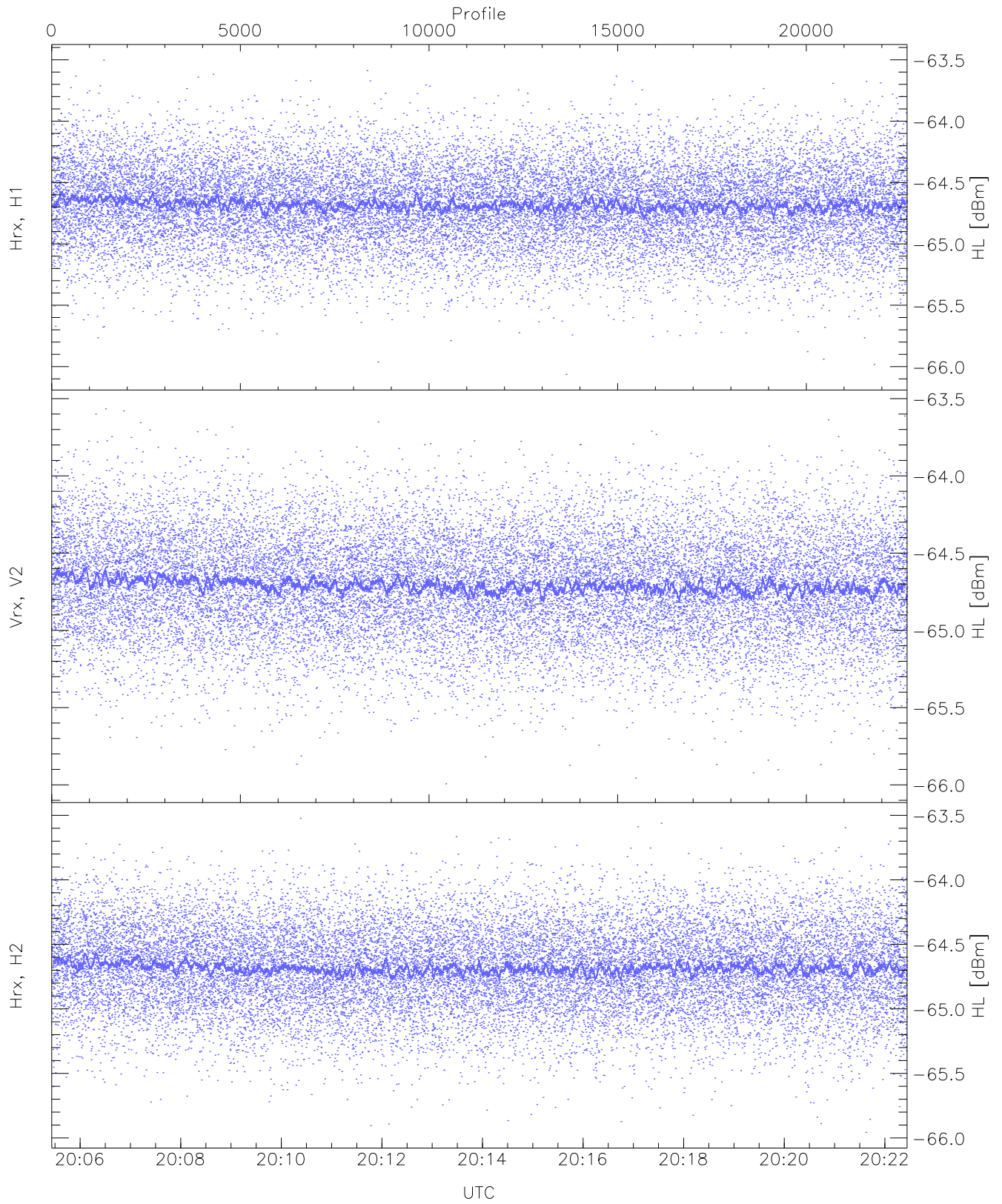
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.05	-65.31	-65.32	-84.51
RMPHrxH1(std_dBm)	-76.10	-74.41	-75.32	-75.32	-88.98
RMPVrxV2(mean_dBm)	-65.09	-64.80	-64.96	-64.97	-85.75
RMPVrxV2(std_dBm)	-75.74	-74.27	-74.98	-74.99	-88.72
RMPHrxH2(mean_dBm)	-65.06	-64.79	-64.92	-64.93	-86.22
RMPHrxH2(std_dBm)	-75.69	-74.28	-74.94	-74.94	-88.76



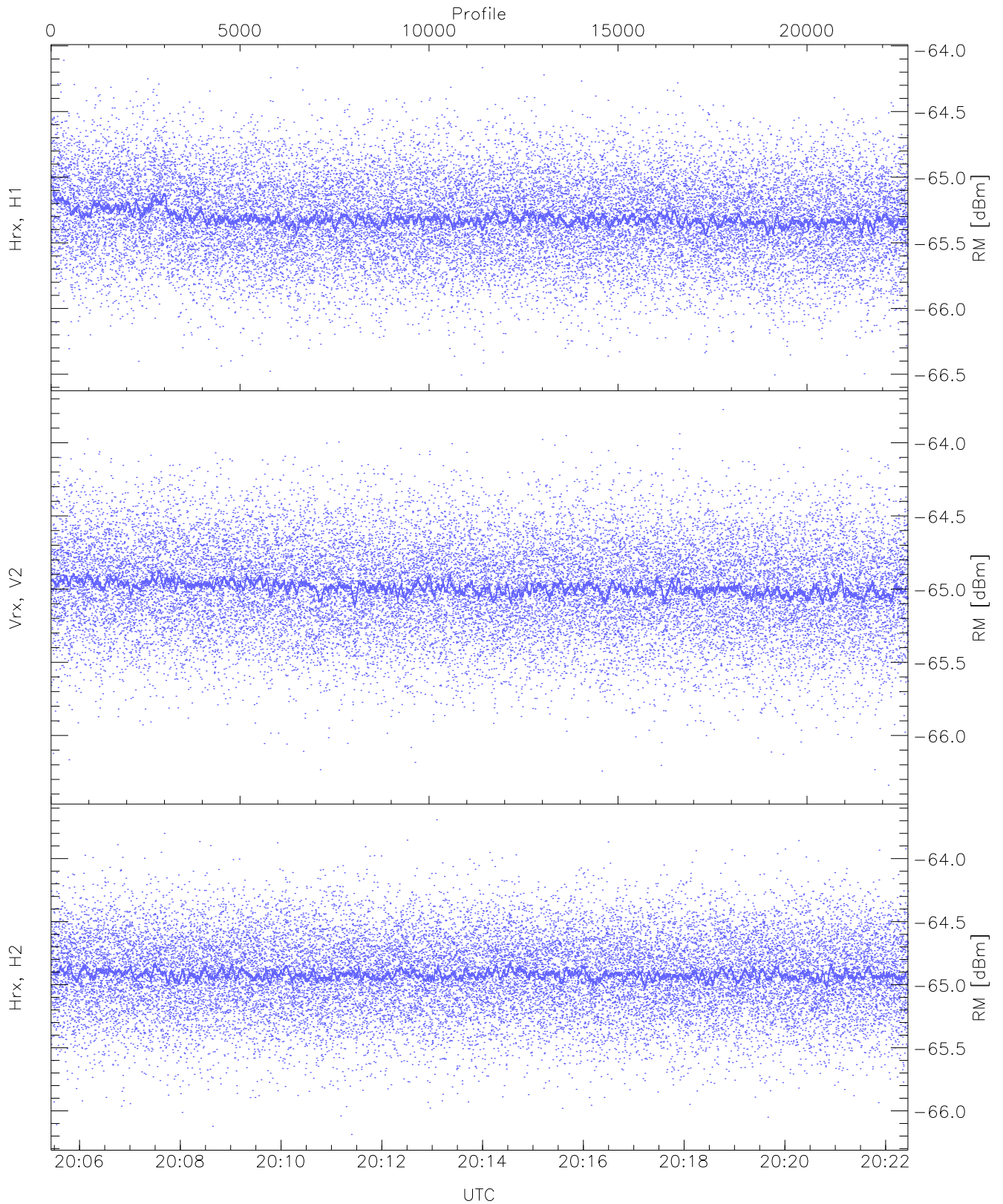
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.22	-63.78	-64.87	-64.88	-76.36
Vrx, V2 (WL [dBm])	-66.22	-63.72	-64.89	-64.90	-76.40
Hrx, H2 (WL [dBm])	-66.16	-63.68	-64.87	-64.88	-76.36



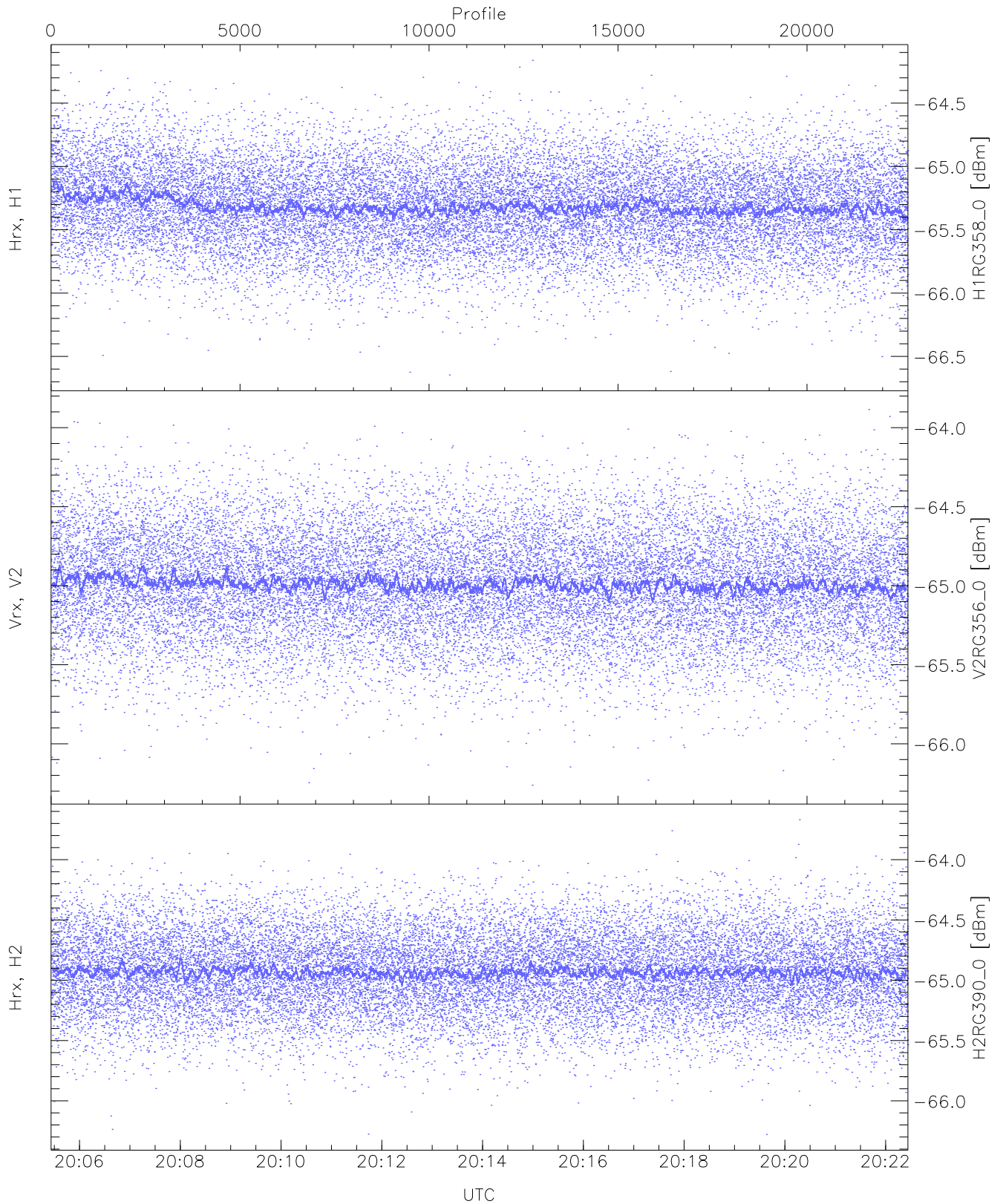
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.06	-63.50	-64.68	-64.68	-76.21
Vrx, V2 (HL [dBm])	-65.99	-63.57	-64.70	-64.71	-76.20
Hrx, H2 (HL [dBm])	-65.96	-63.52	-64.68	-64.68	-76.17



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

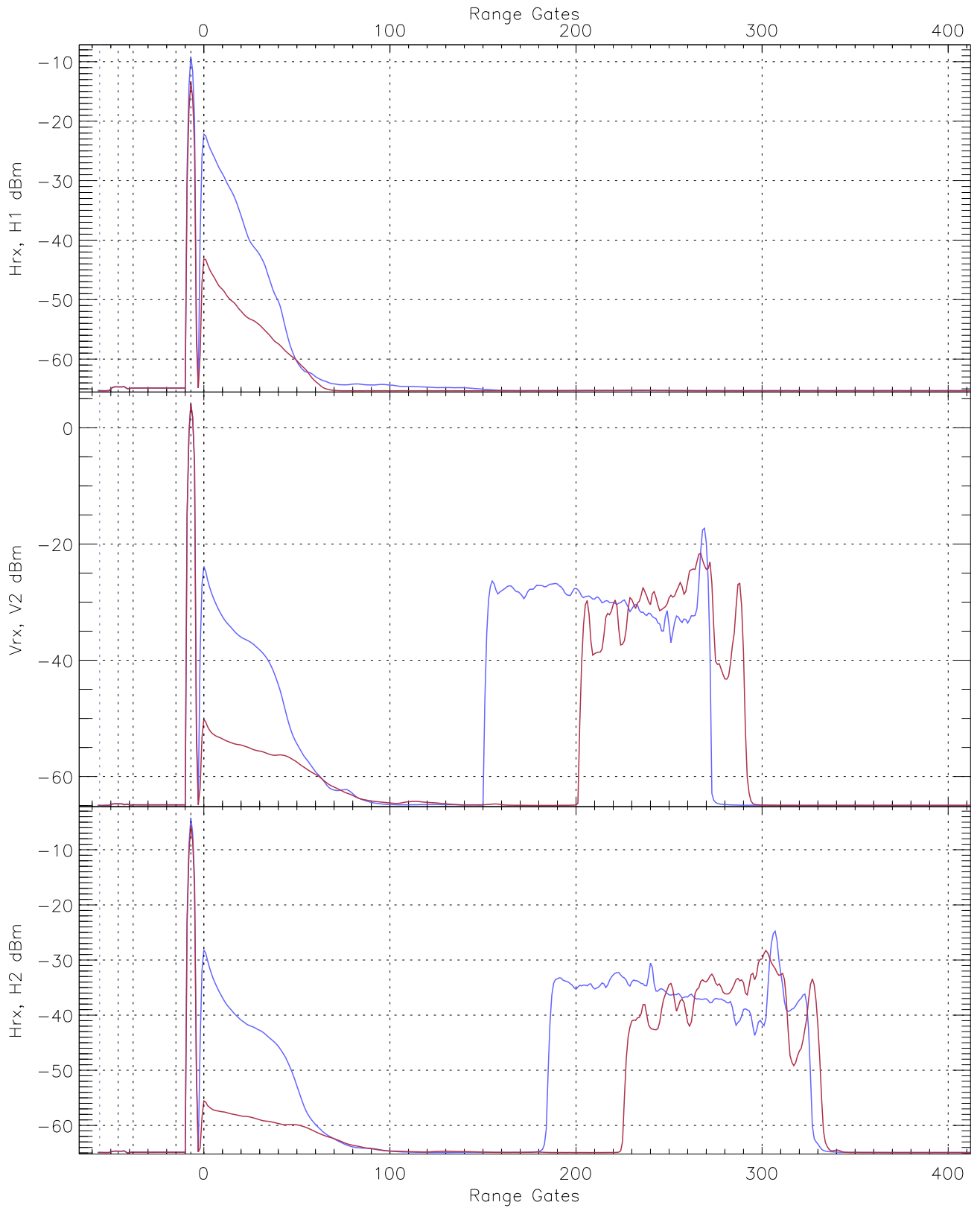
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.51	-64.11	-65.31	-65.32	-76.74
Vrx, V2 (RM [dBm])	-66.34	-63.77	-64.98	-64.99	-76.49
Hrx, H2 (RM [dBm])	-66.19	-63.69	-64.91	-64.92	-76.45



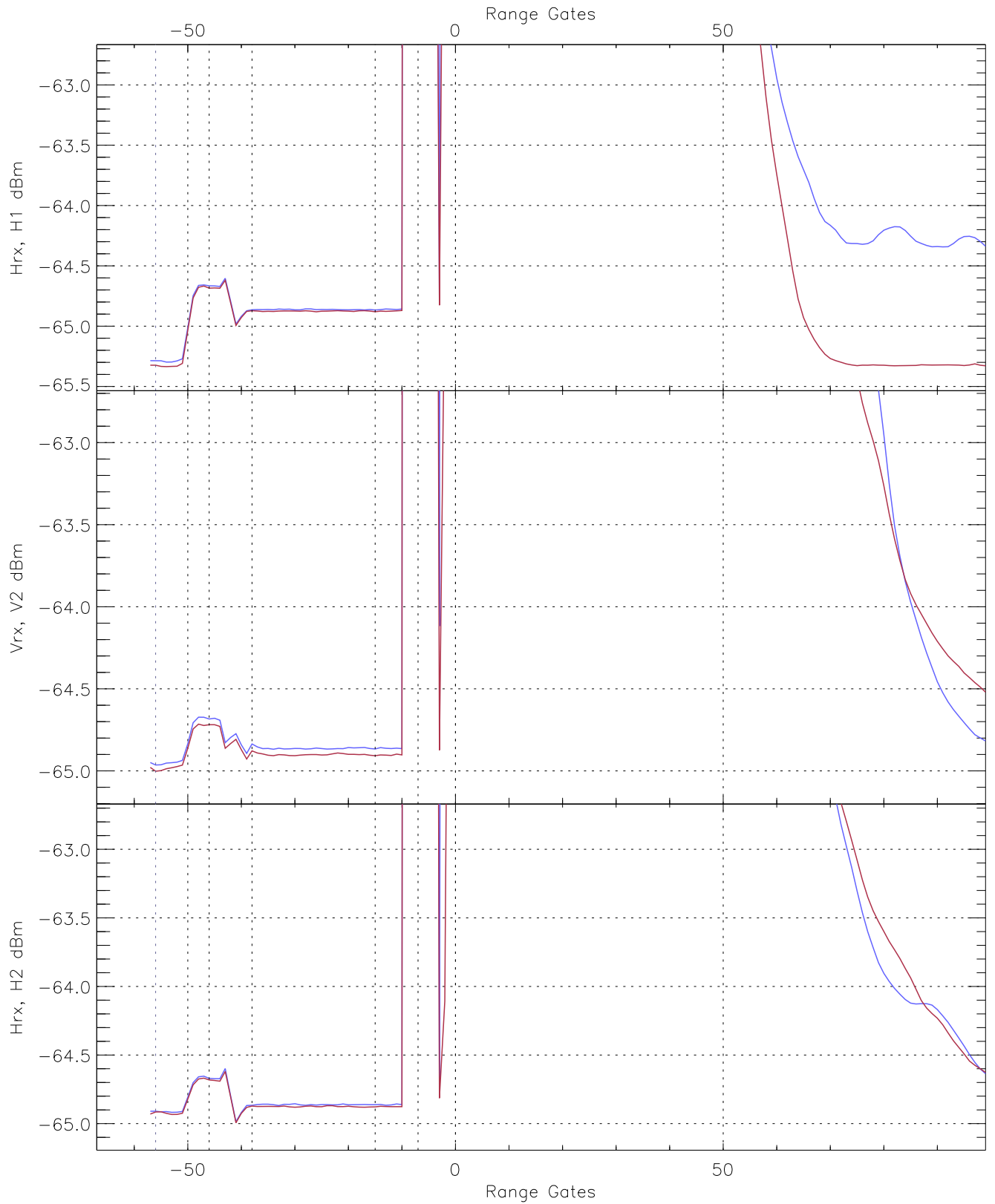
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG358_0 [dBm]	-66.65	-64.16	-65.31	-65.31	-76.81
V2RG356_0 [dBm]	-66.26	-63.89	-64.98	-64.99	-76.48
H2RG390_0 [dBm]	-66.28	-63.67	-64.93	-64.93	-76.43

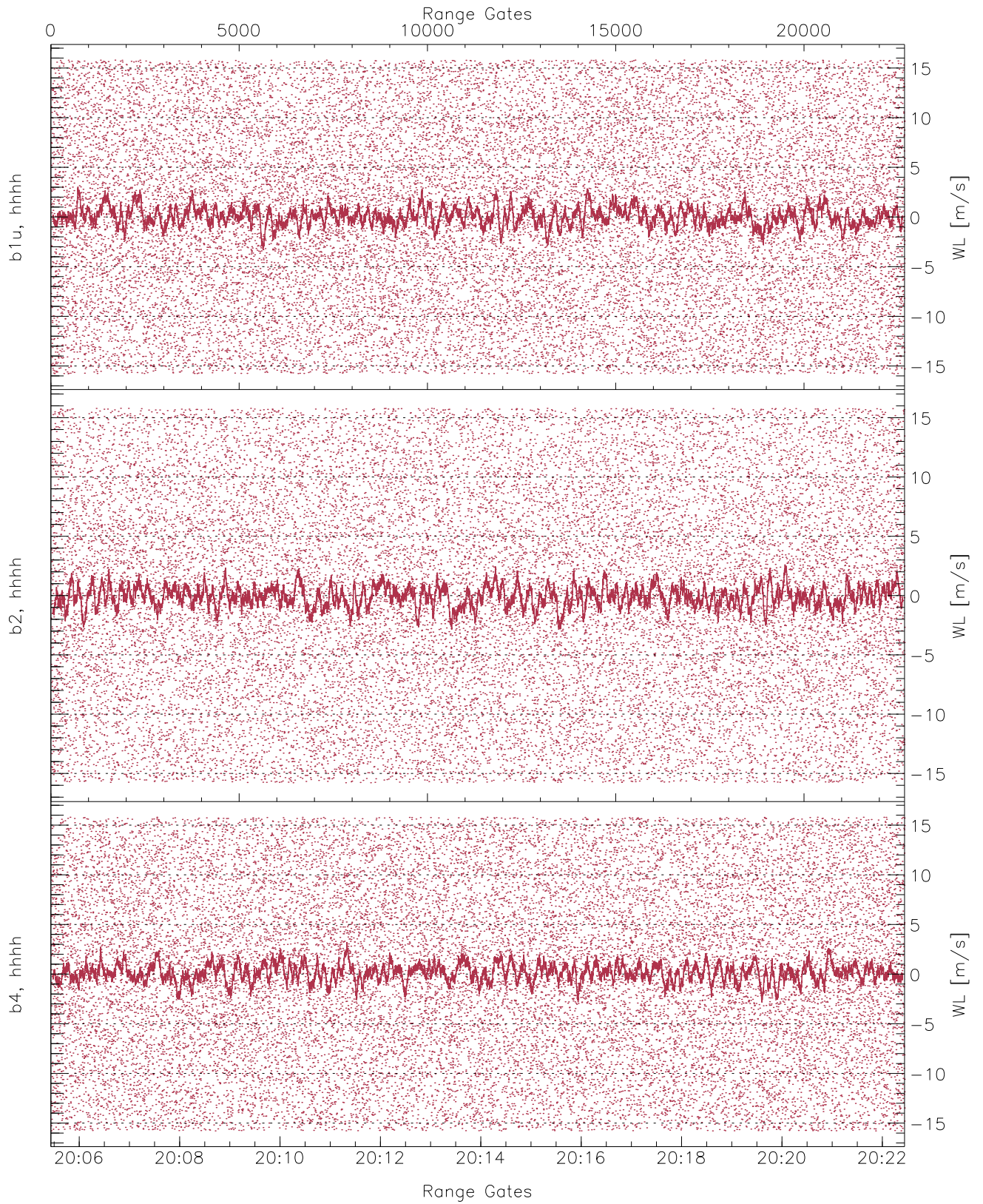




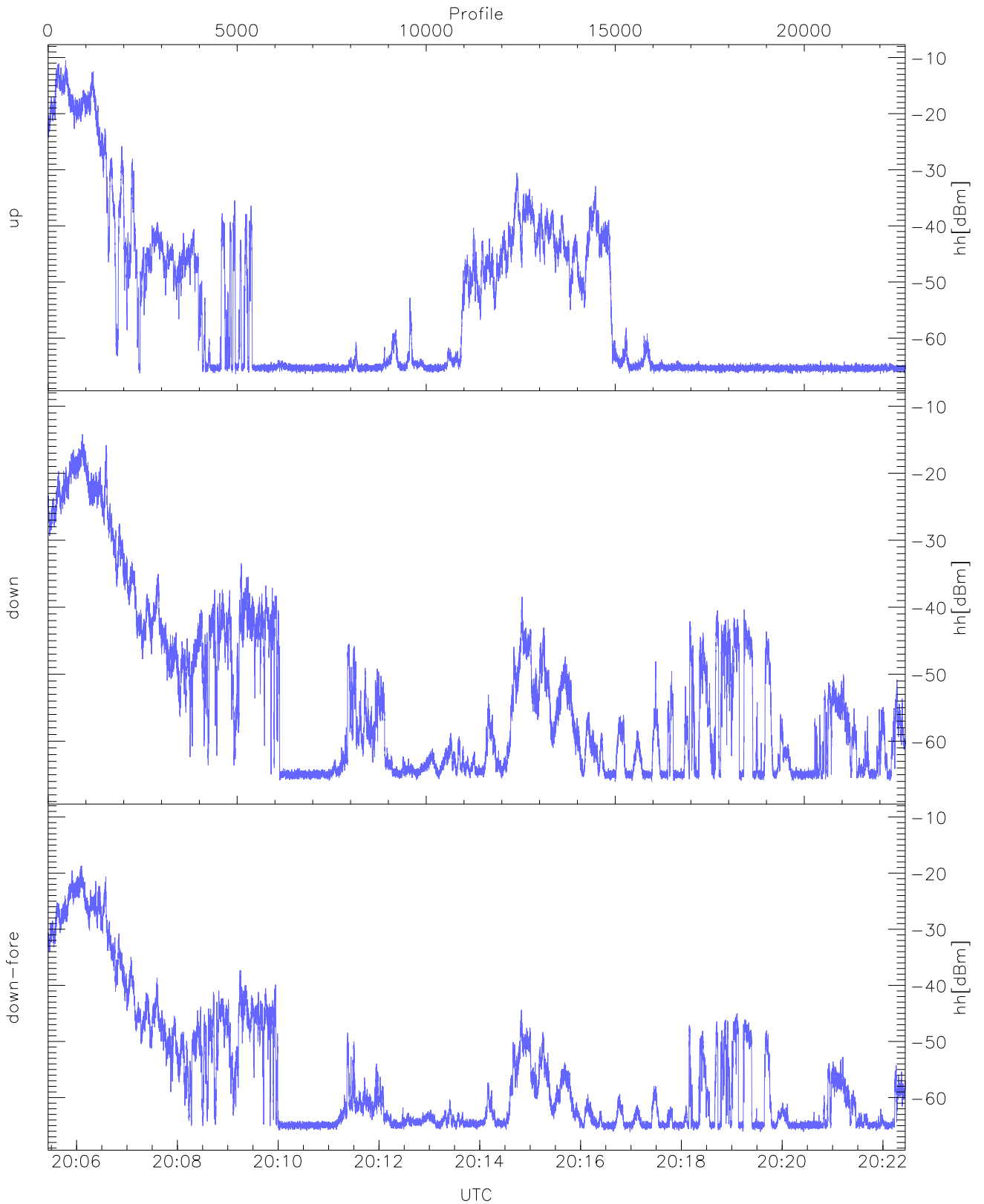
WCR3 CPP Averaged Received power for all recorded gates  
blue: 200526-201356, 11337 profiles averaged  
red: 201356-202227, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 200526-201356, 11337 profiles averaged  
red: 201356-202227, 11336 profiles averaged

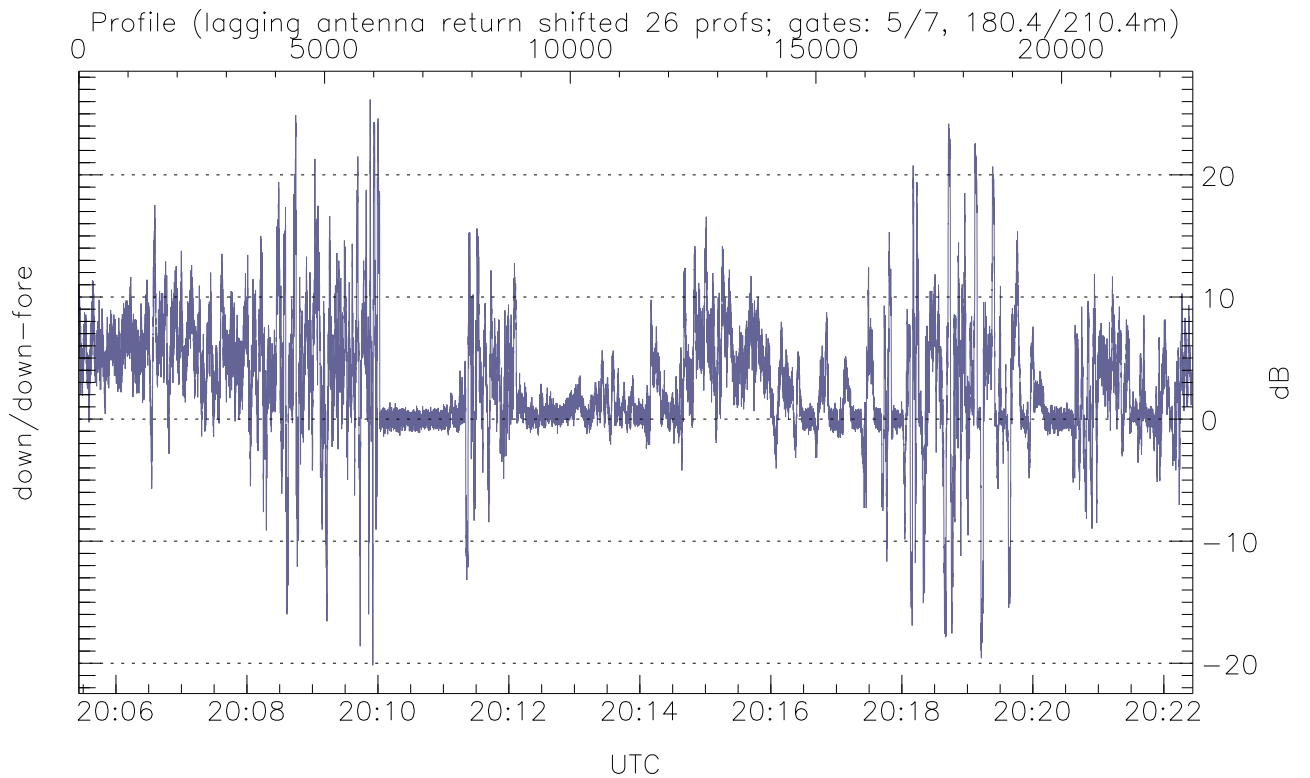
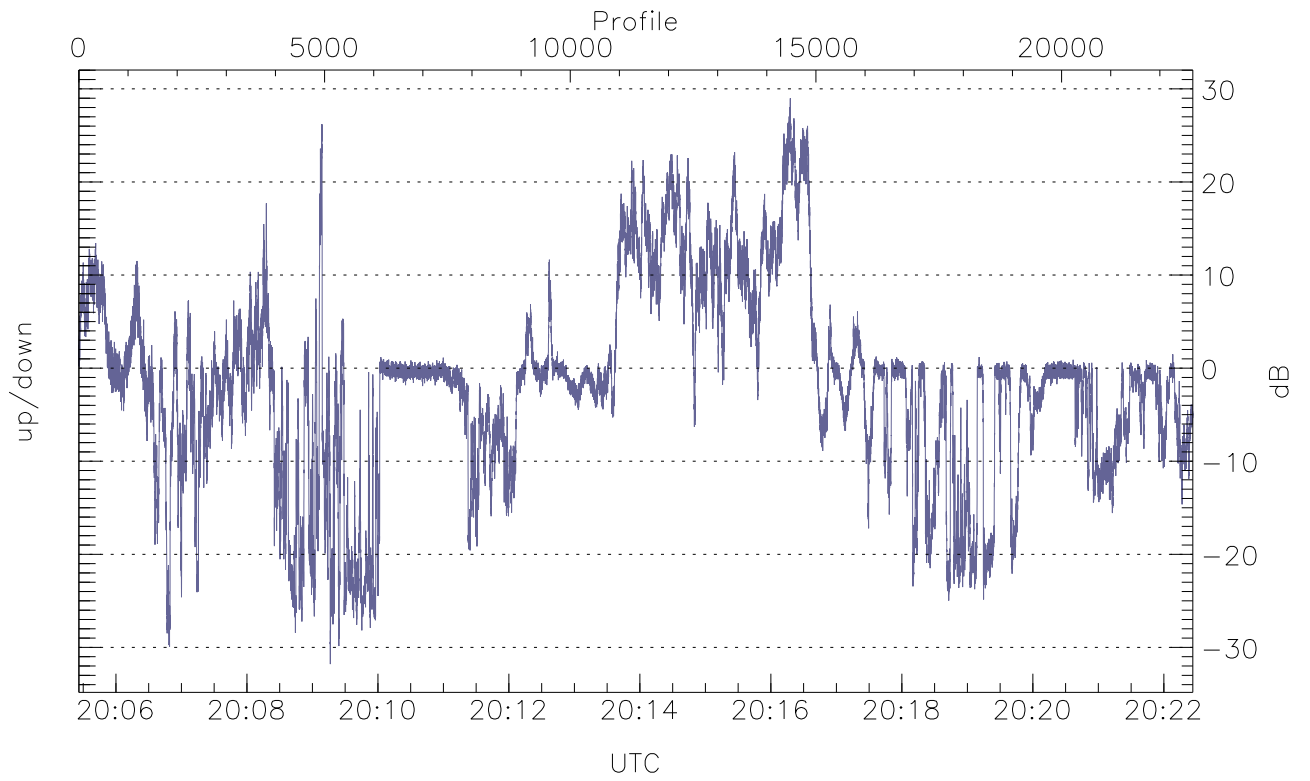


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



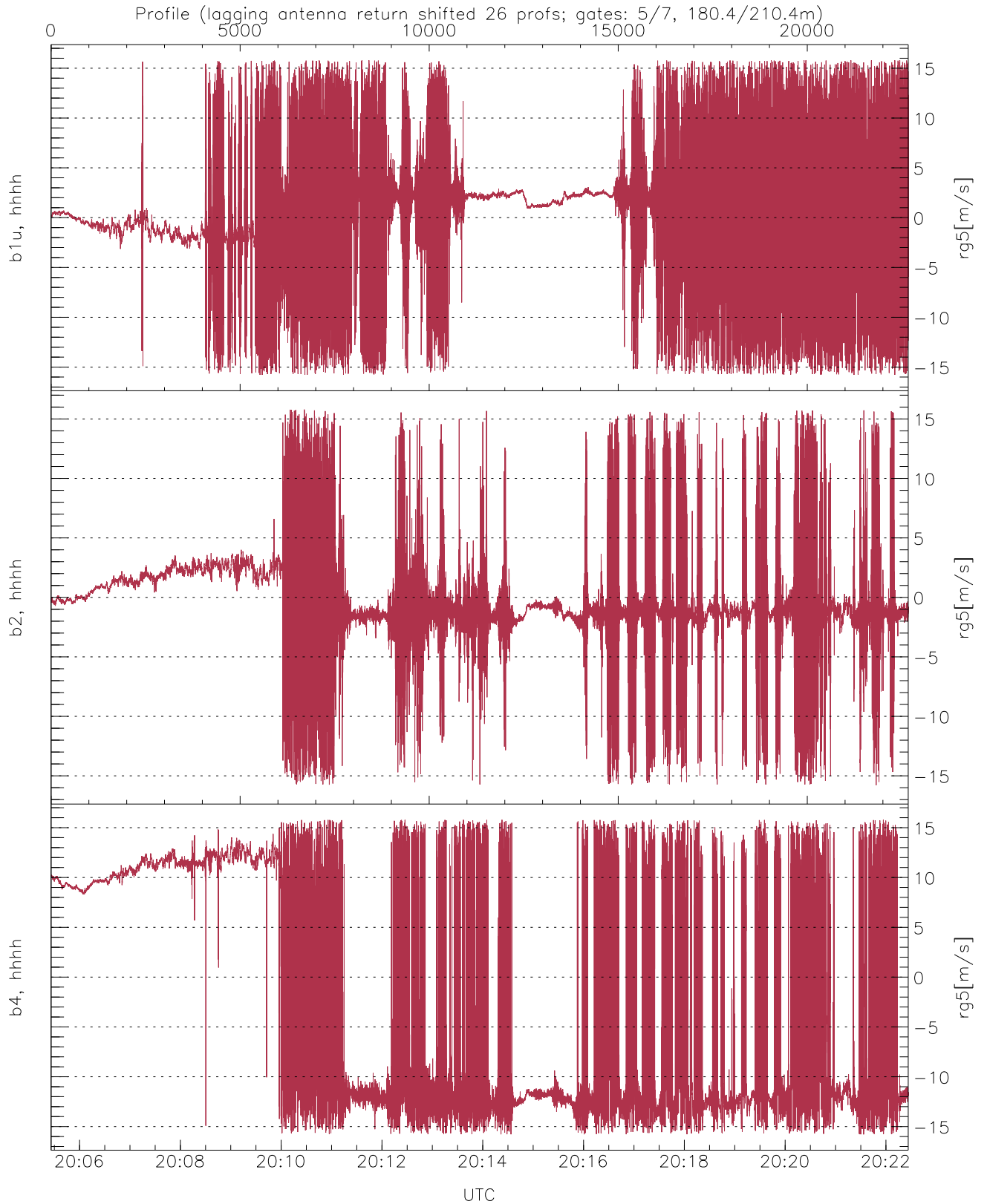
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.57	-10.49	-28.65
down(hh[dBm])	-66.06	-14.19	-32.16
down-fore(hh[dBm])	-66.15	-18.68	-36.33



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

	Min	Max	Mean
up/down (dB)	-31.79	28.99	-1.64
down/down-fore (dB)	-20.16	26.17	2.88



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.42	6.27
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.24	4.12
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.08	10.88