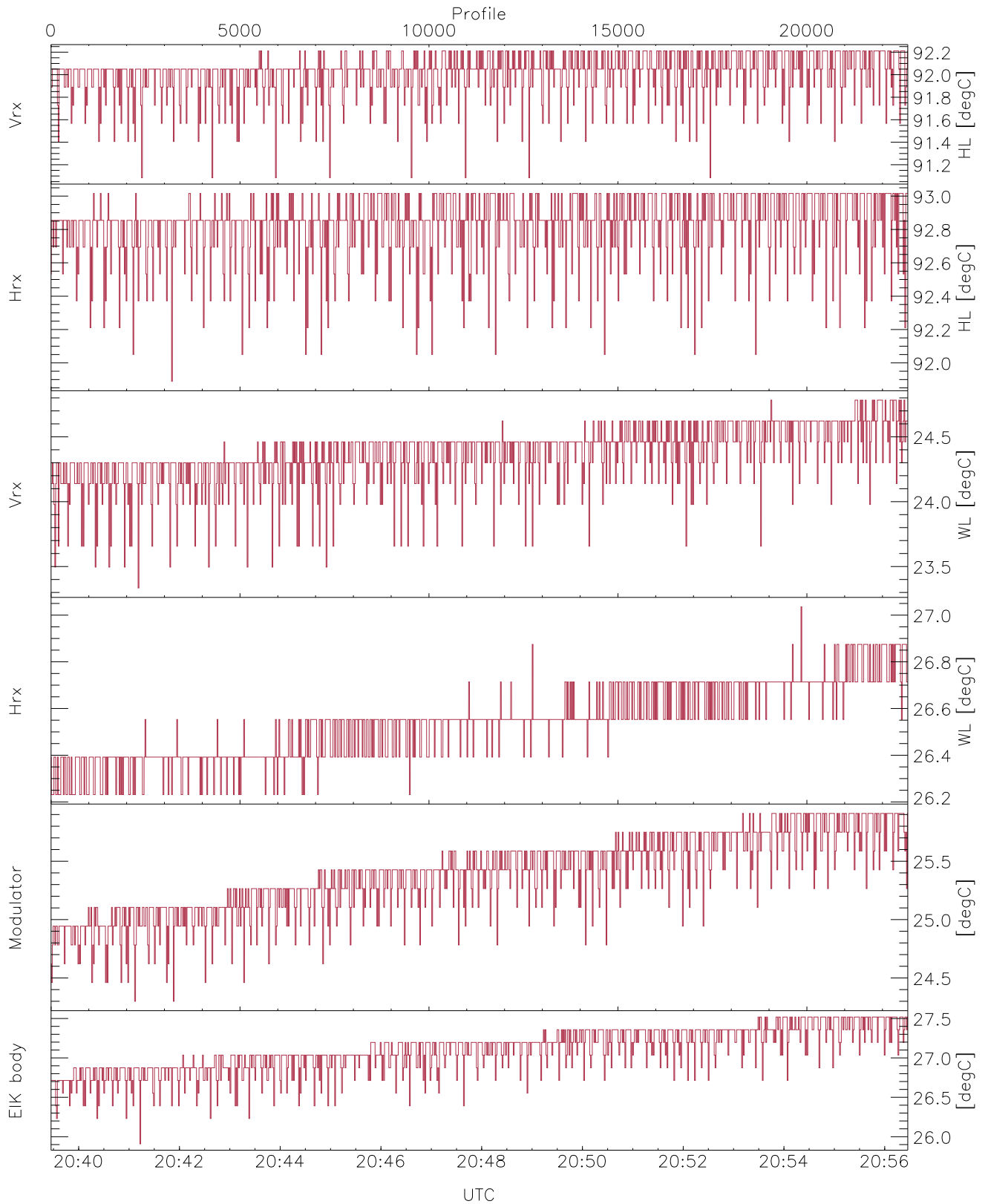


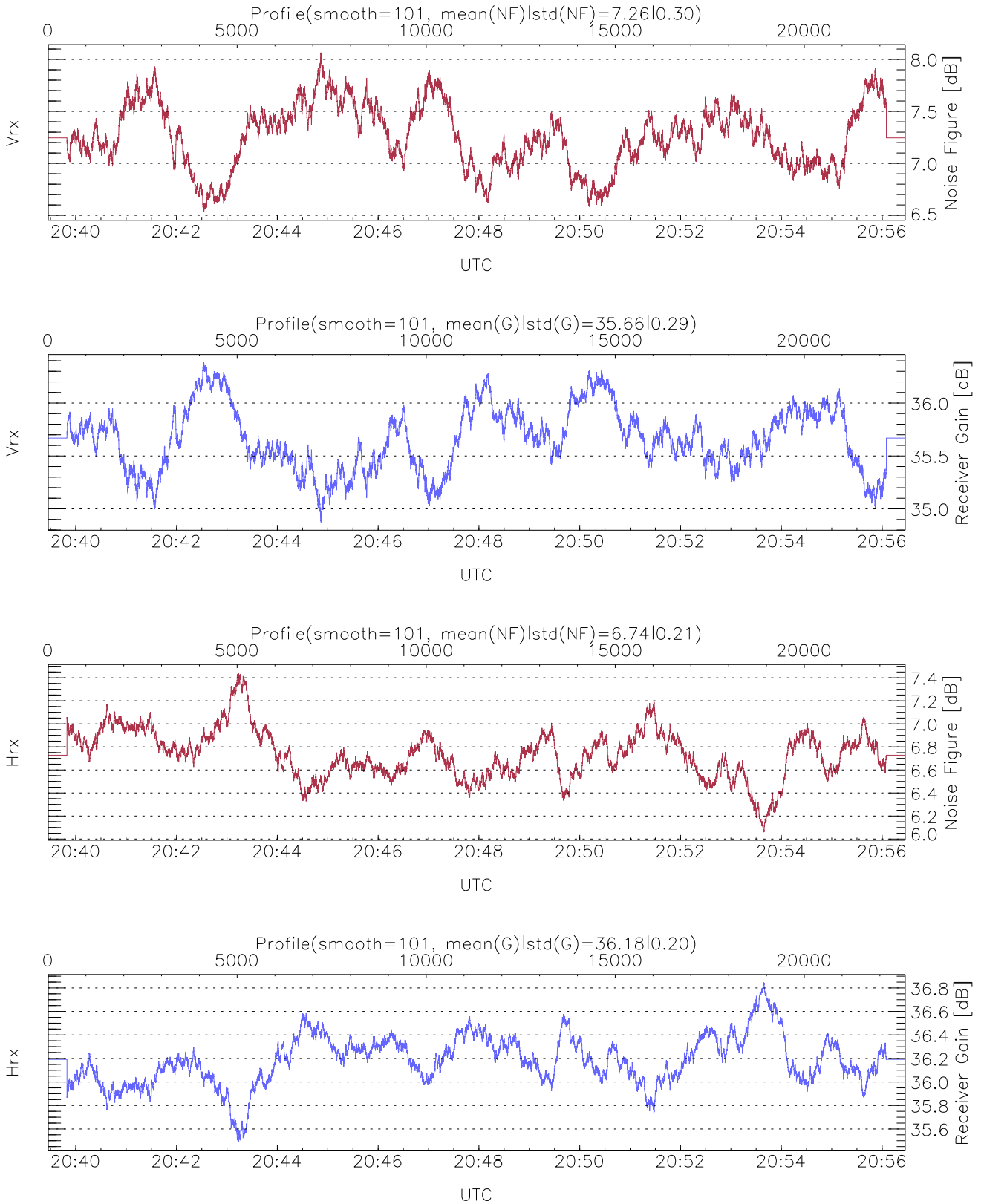
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:39:27-20:56:28, 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, 0-22671/20:39:27-20:56:28  
 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 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



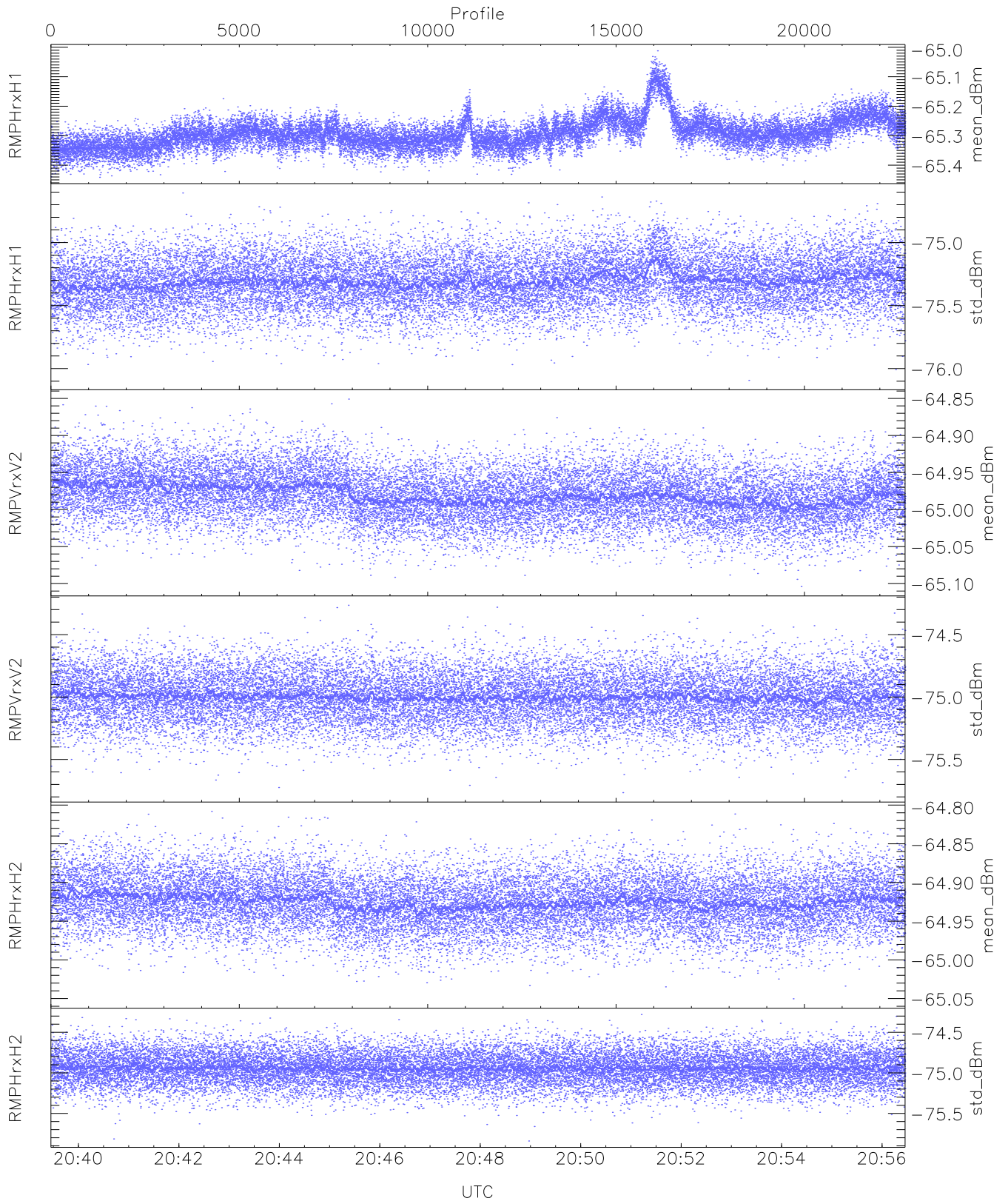
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,23,26,24,25  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,25,27  
LOalarm(20,240,2817,14861 MHz): 0,0,68,0  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,44,44,44,22)



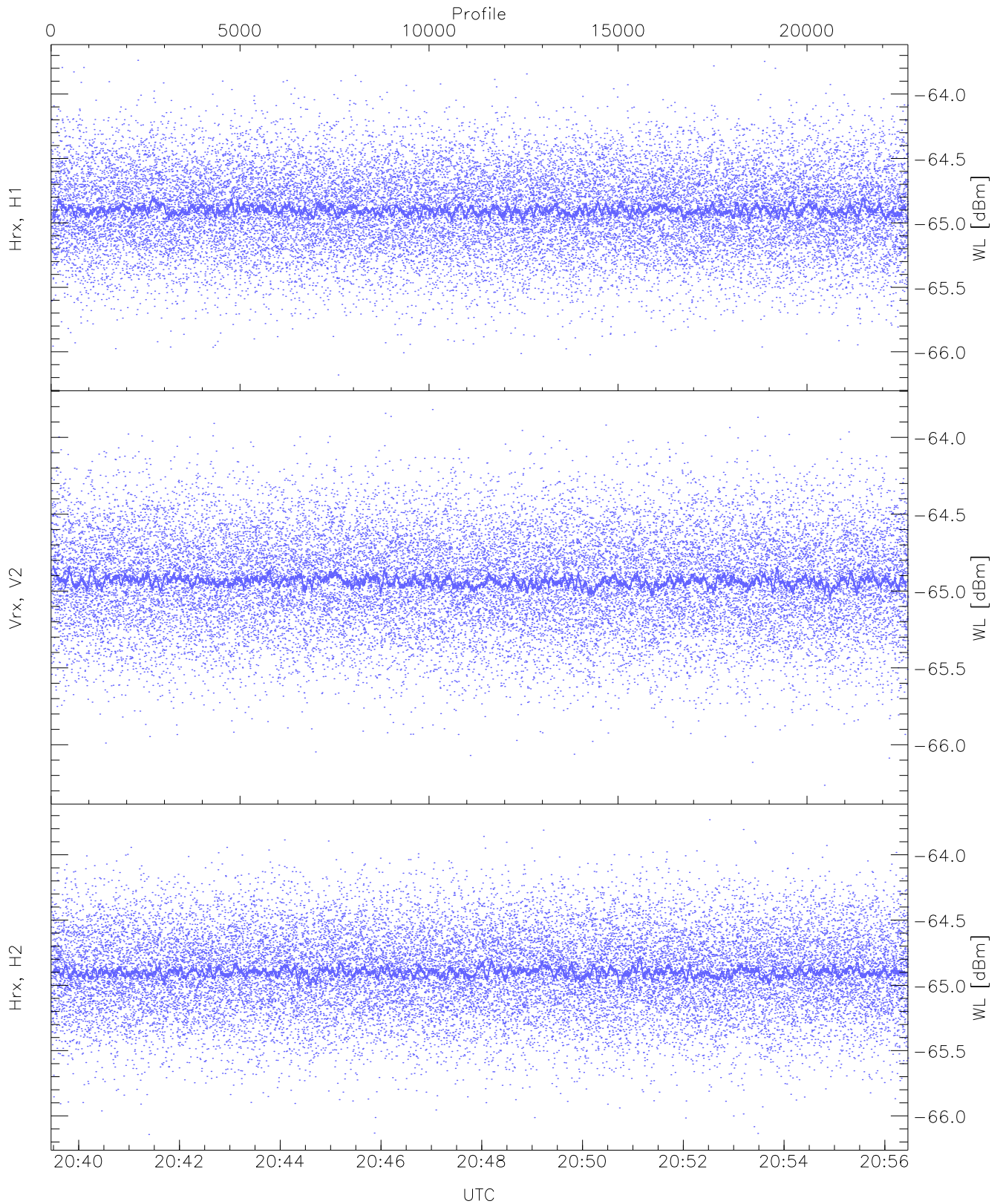
WCR3 CPP Receivers Gain and Noise Figure

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



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

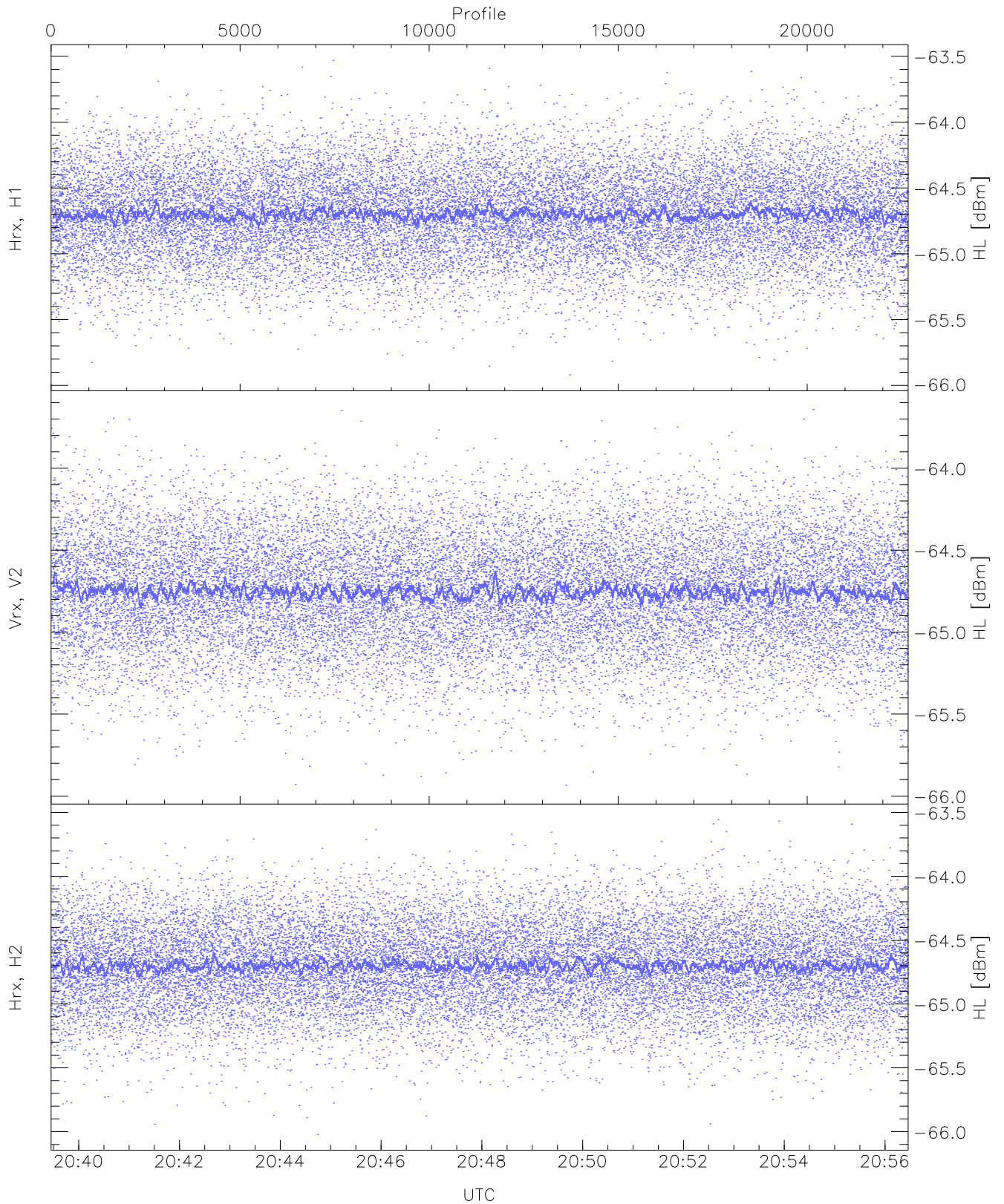
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.01	-65.29	-65.30	-84.54
RMPHrxH1(std_dBm)	-76.09	-74.61	-75.31	-75.31	-88.99
RMPVrxV2(mean_dBm)	-65.10	-64.85	-64.98	-64.98	-86.33
RMPVrxV2(std_dBm)	-75.77	-74.26	-75.00	-75.00	-88.77
RMPHrxH2(mean_dBm)	-65.05	-64.81	-64.93	-64.93	-86.45
RMPHrxH2(std_dBm)	-75.84	-74.28	-74.94	-74.94	-88.72



WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

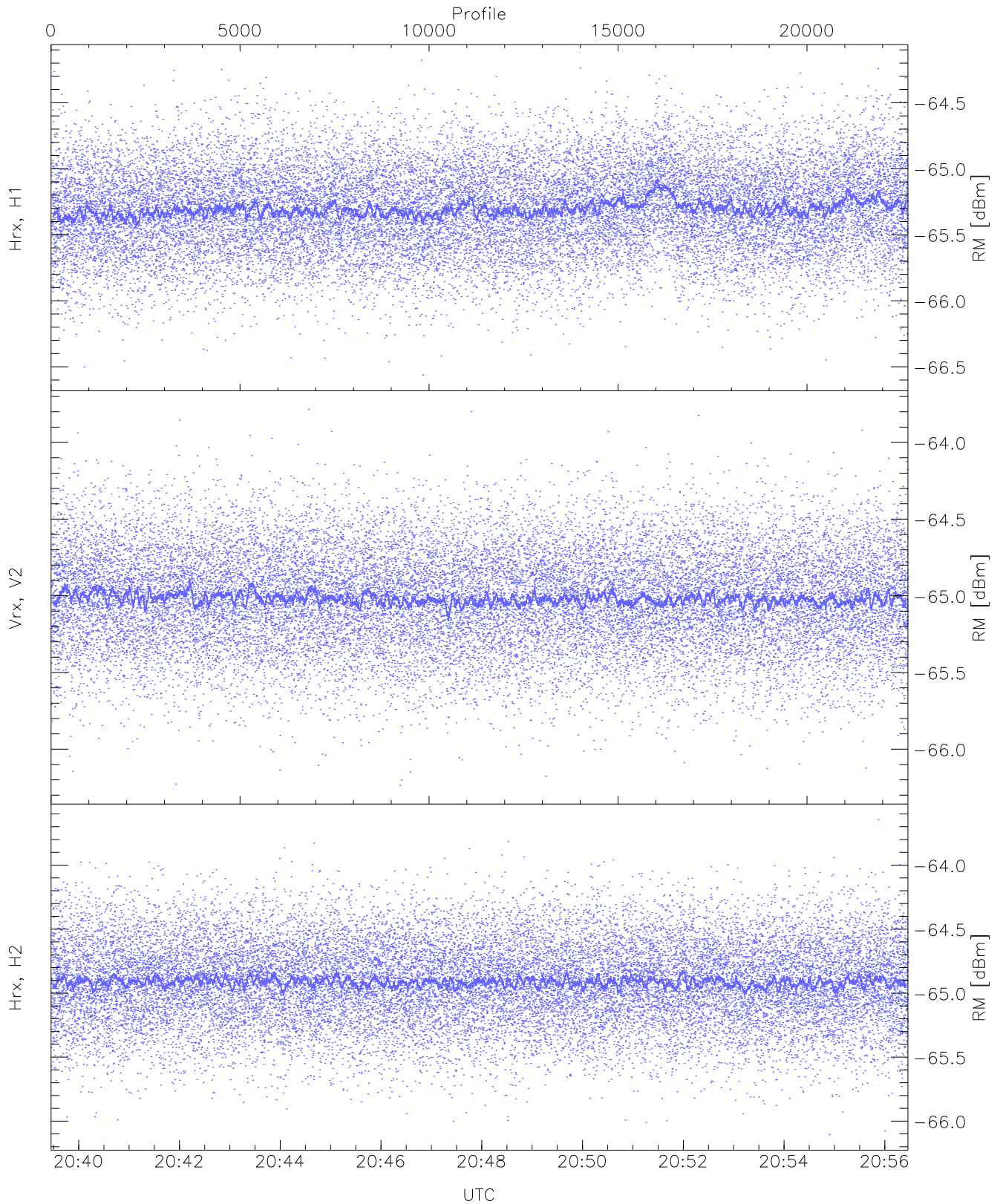
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.18	-63.74	-64.89	-64.90	-76.38
Vrx, V2 (WL [dBm])	-66.26	-63.82	-64.93	-64.94	-76.49
Hrx, H2 (WL [dBm])	-66.14	-63.73	-64.89	-64.90	-76.39





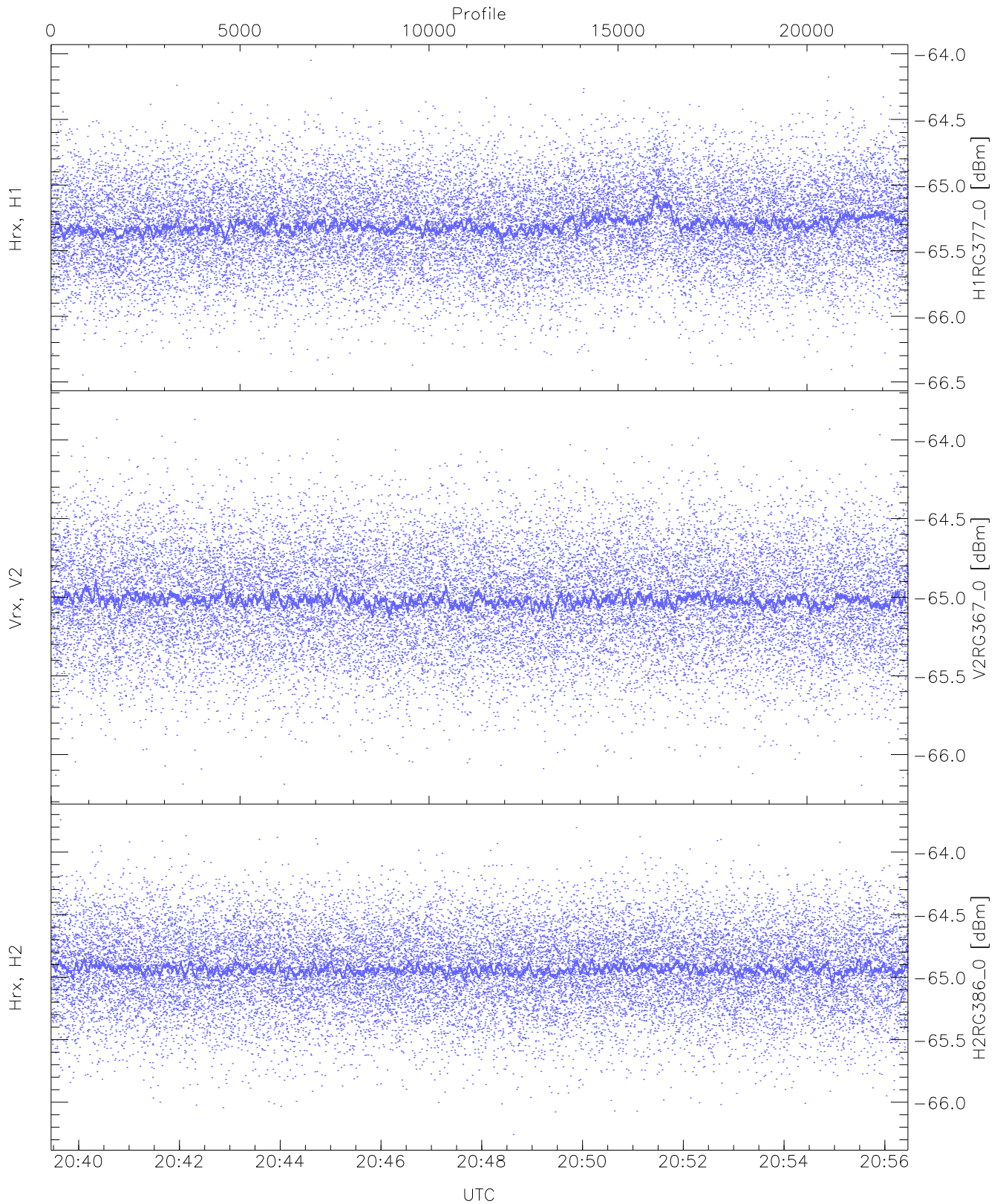
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.92	-63.53	-64.69	-64.70	-76.20
Vrx, V2 (HL [dBm])	-65.93	-63.64	-64.75	-64.75	-76.28
Hrx, H2 (HL [dBm])	-66.02	-63.56	-64.69	-64.70	-76.19



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

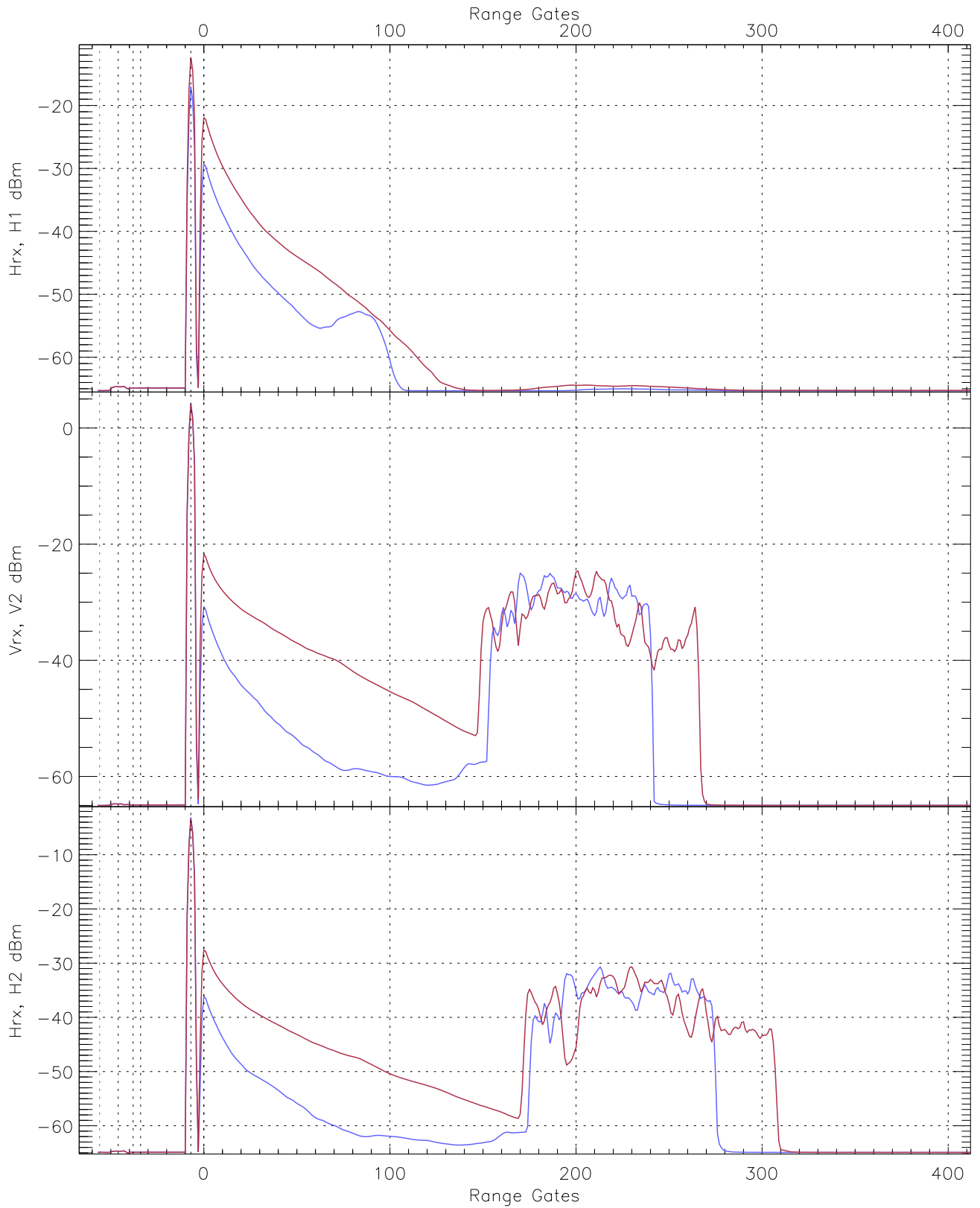
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.56	-64.18	-65.30	-65.30	-76.74
Vrx, V2 (RM [dBm])	-66.24	-63.79	-65.01	-65.02	-76.51
Hrx, H2 (RM [dBm])	-66.10	-63.65	-64.91	-64.92	-76.40



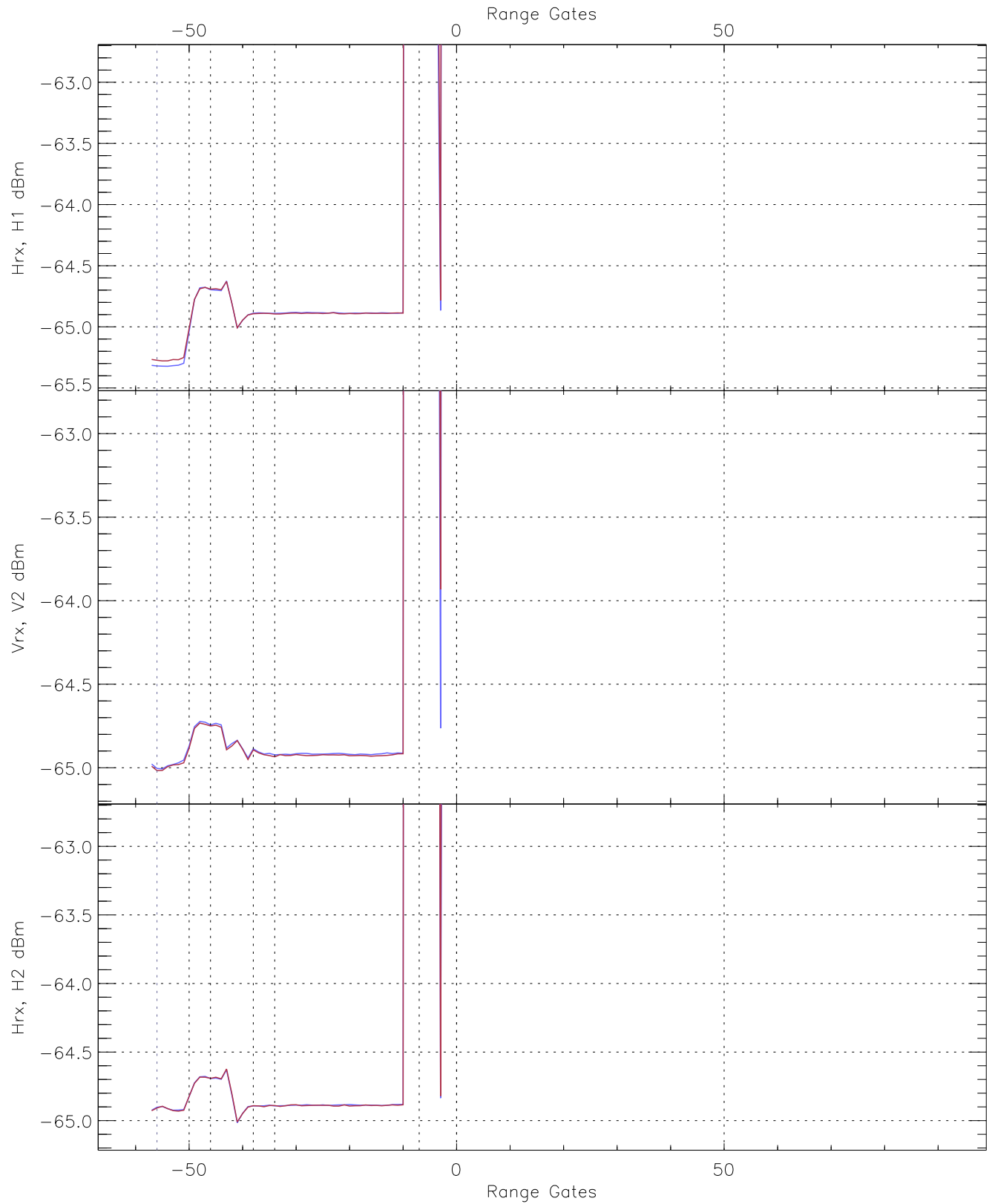
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG377_0 [dBm]	-66.45	-64.05	-65.30	-65.30	-76.79
V2RG367_0 [dBm]	-66.20	-63.81	-65.01	-65.02	-76.54
H2RG386_0 [dBm]	-66.26	-63.74	-64.93	-64.93	-76.42

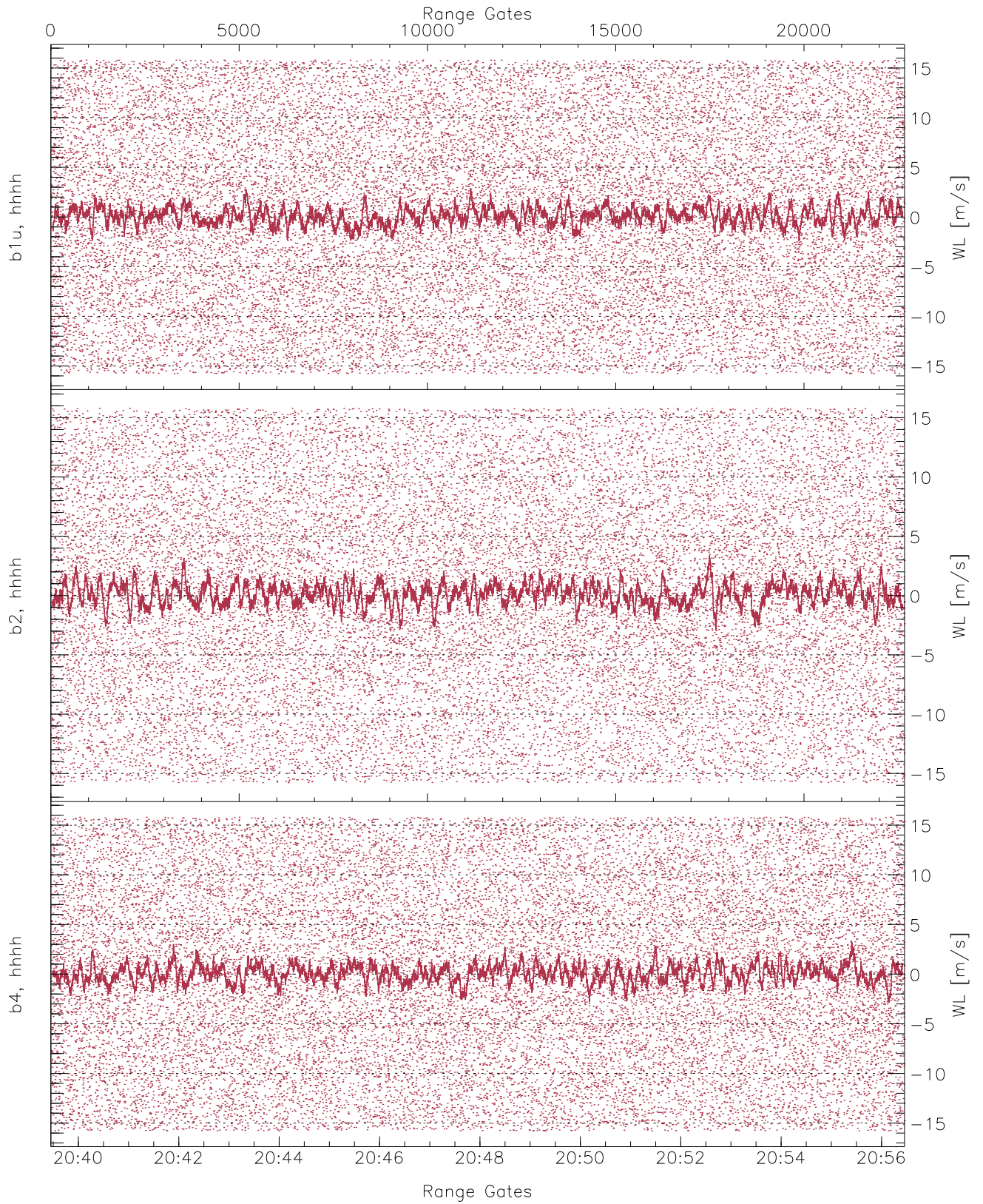




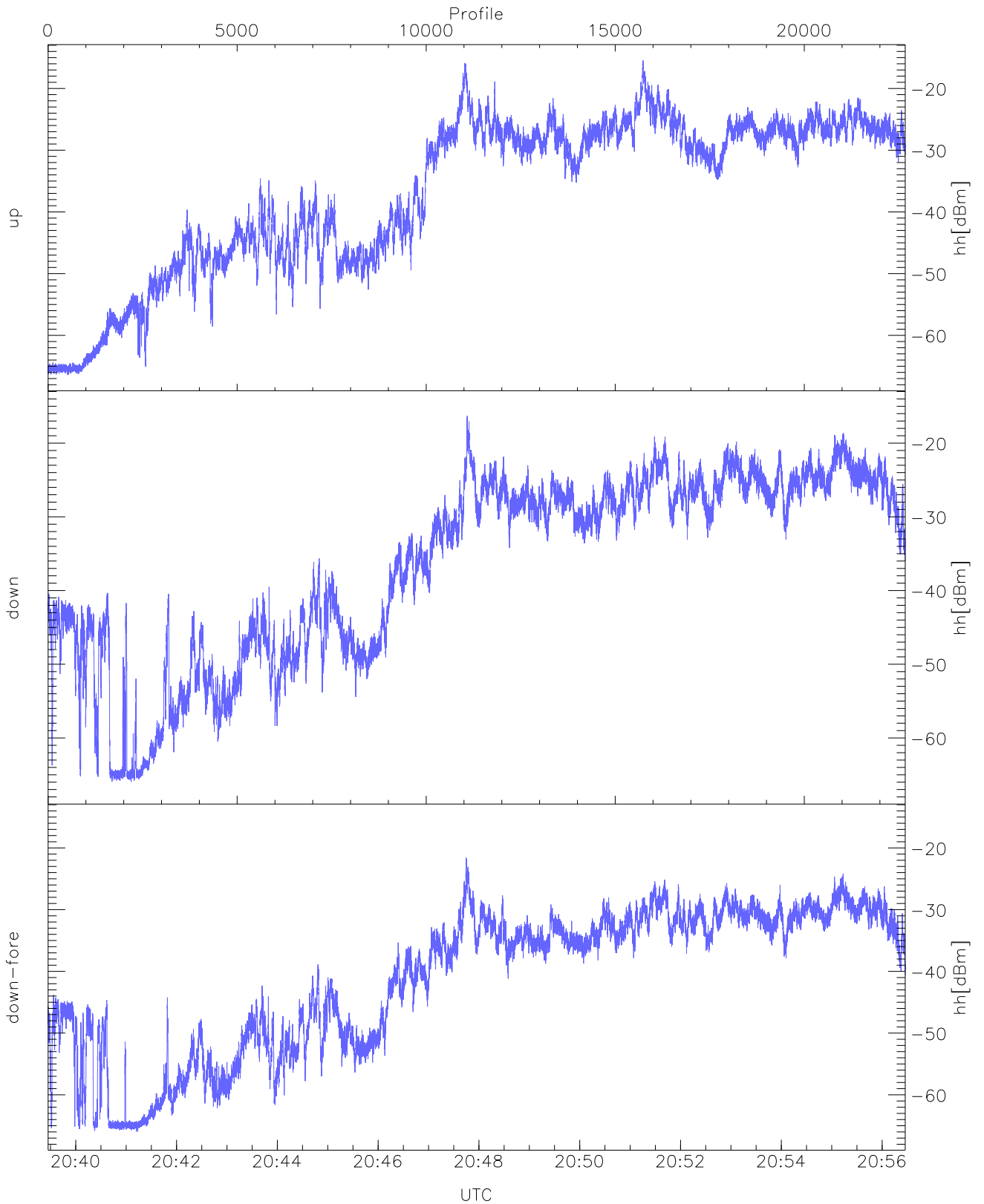
WCR3 CPP Averaged Received power for all recorded gates  
blue: 203927-204757, 11337 profiles averaged  
red: 204757-205628, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 203927-204757, 11337 profiles averaged  
red: 204757-205628, 11336 profiles averaged



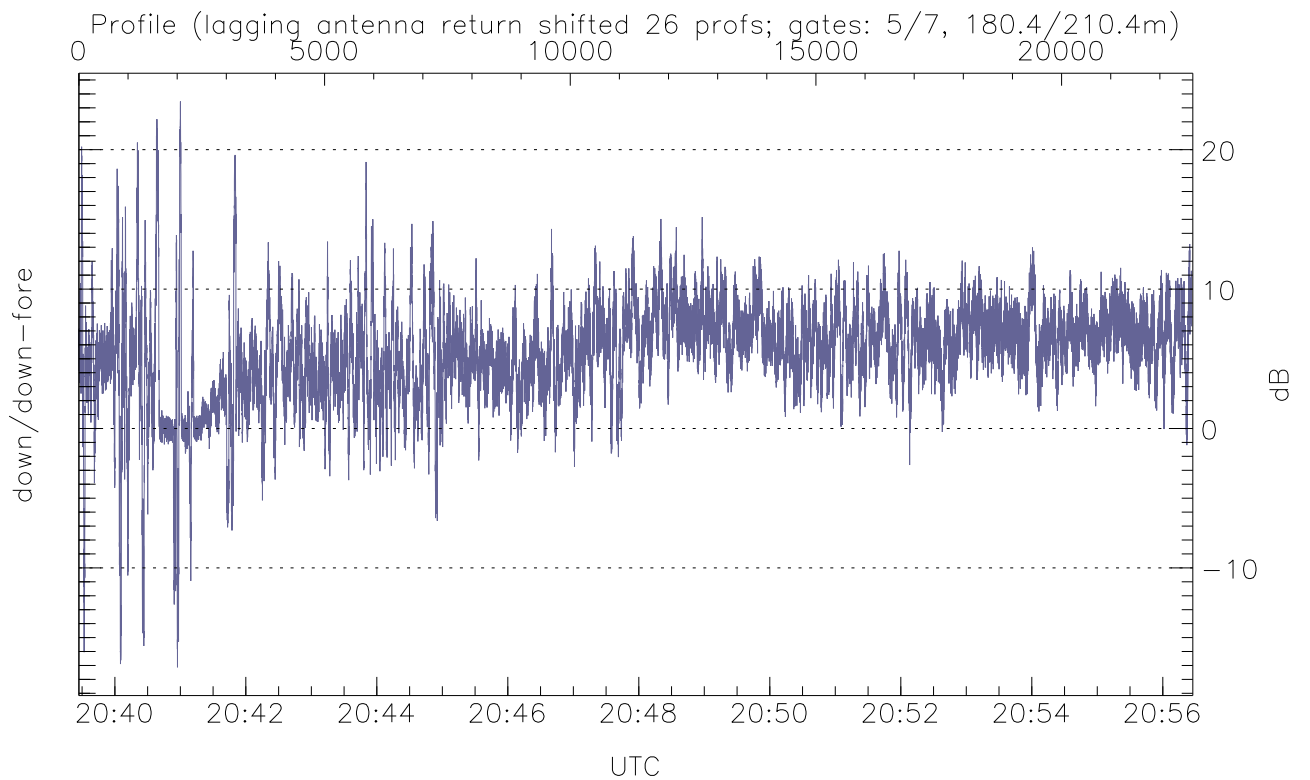
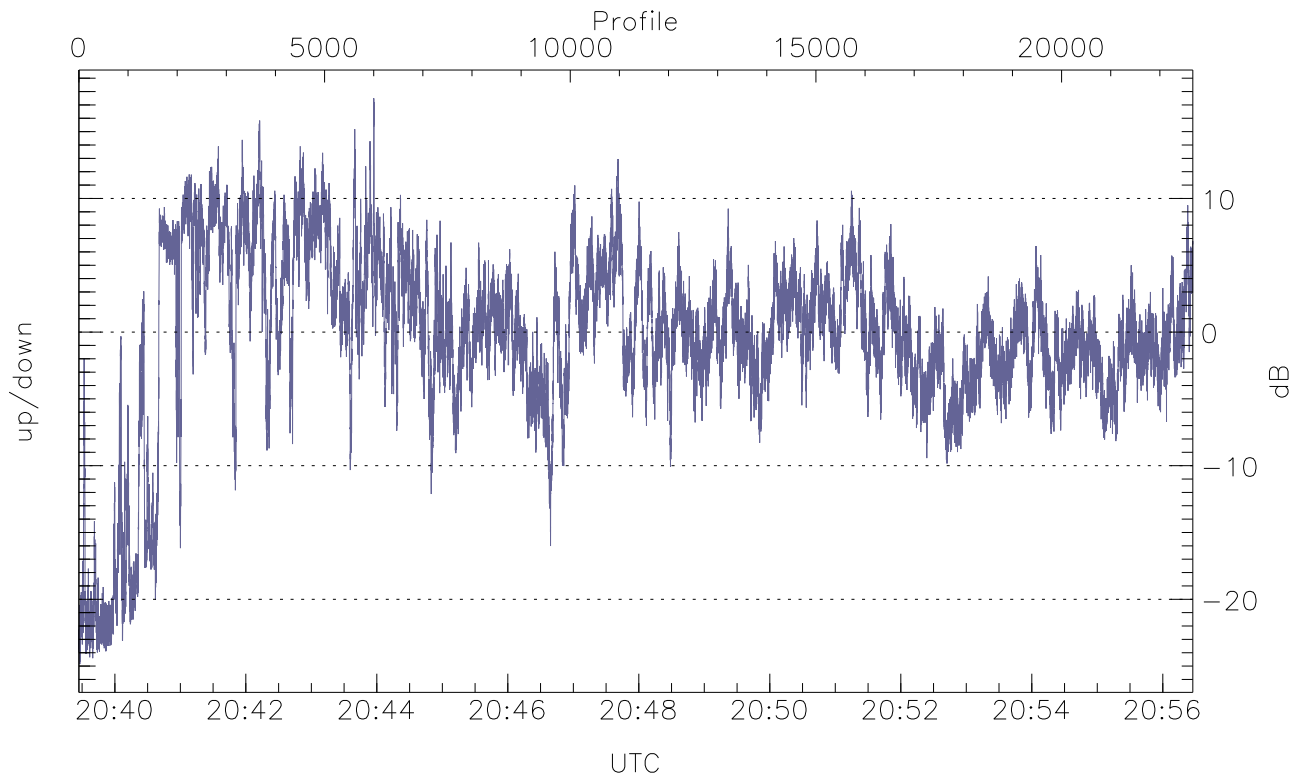
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

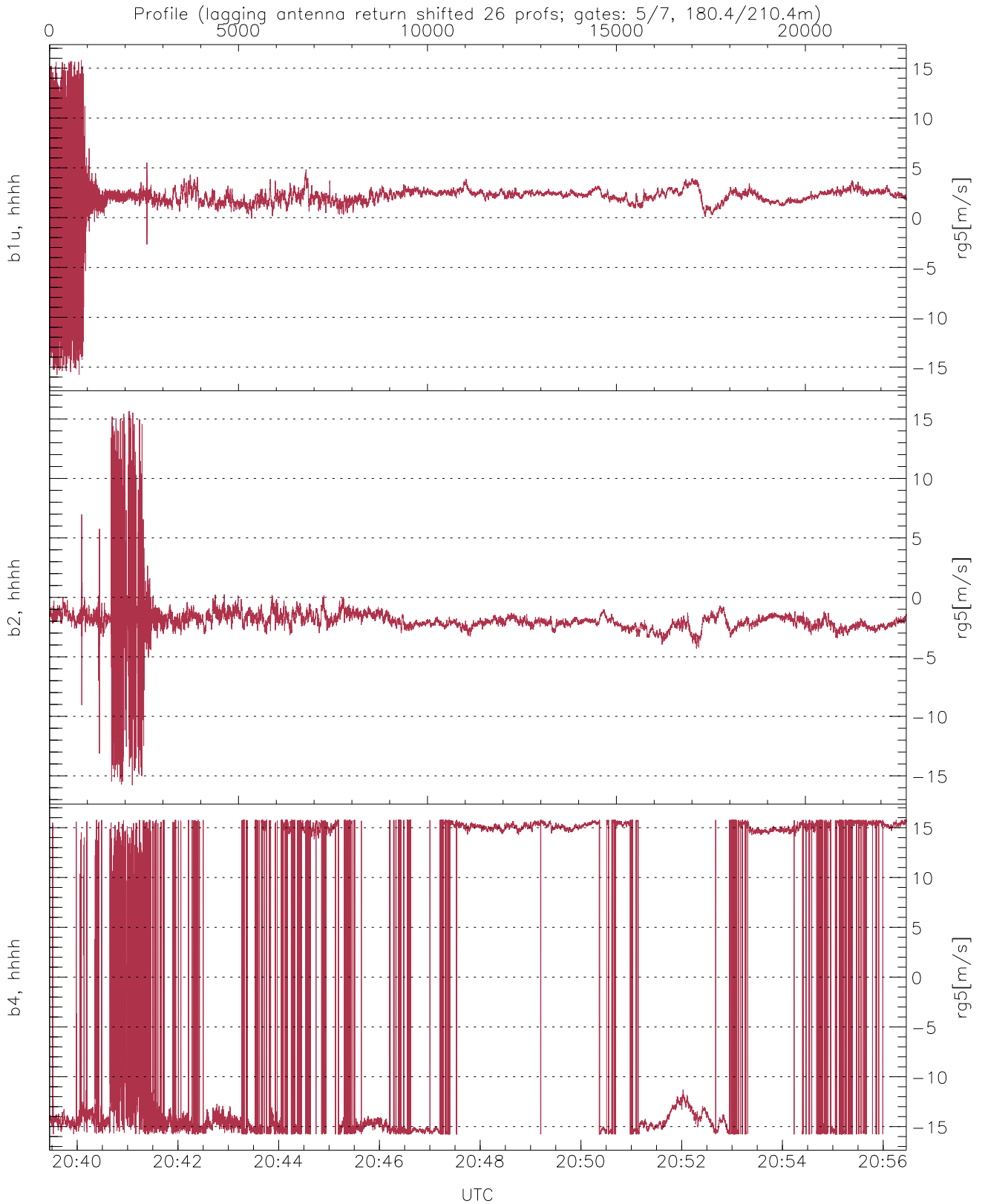
	Min	Max	Mean
up(hh[dBm])	-66.42	-15.44	-28.36
down(hh[dBm])	-65.96	-16.30	-28.07
down-fore(hh[dBm])	-65.98	-21.54	-33.66





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

	Min	Max	Mean
up/down (dB)	-24.85	17.50	-0.31
down/down-fore (dB)	-17.13	23.46	5.51



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.78	2.08	1.92
b2, hhhh(rg5[m/s])	-15.78	15.67	-1.93	1.50
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.75	14.75