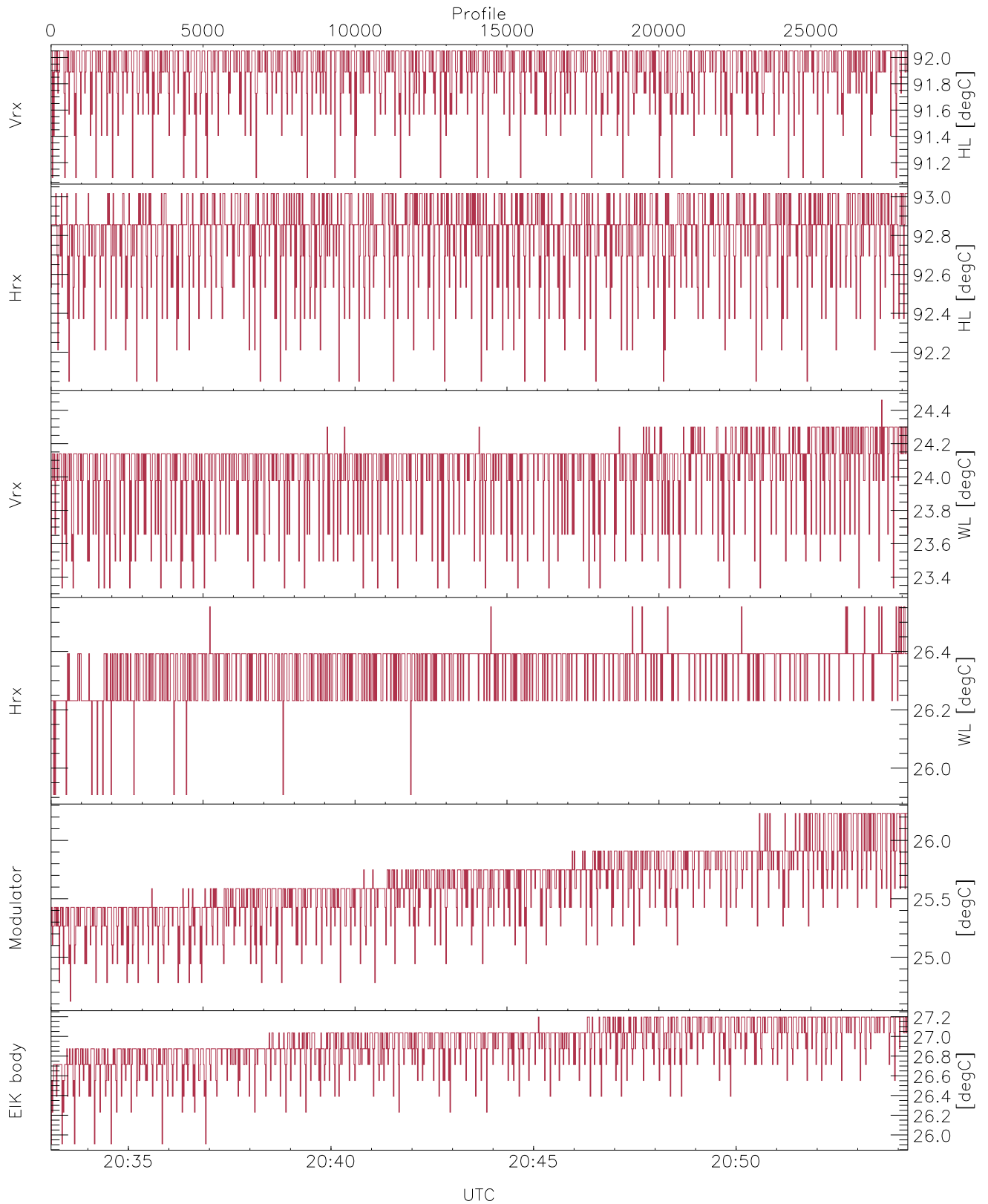


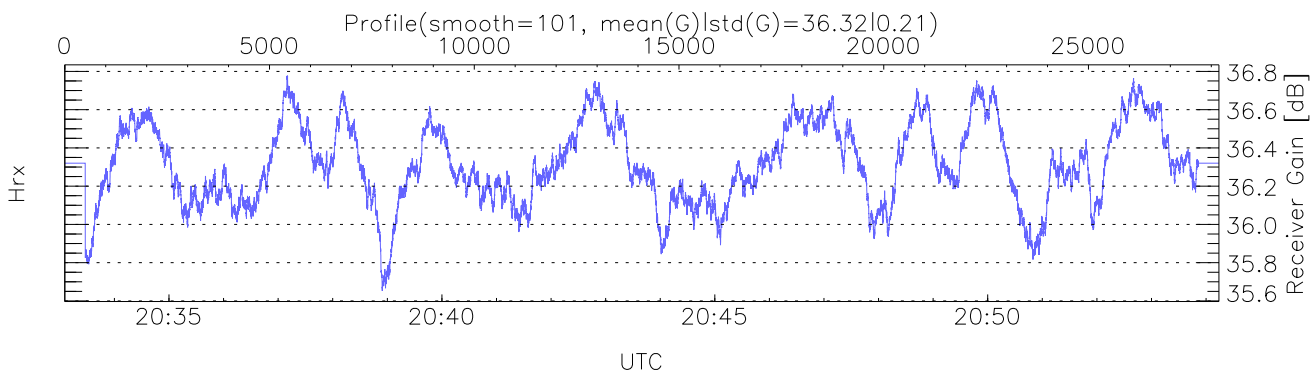
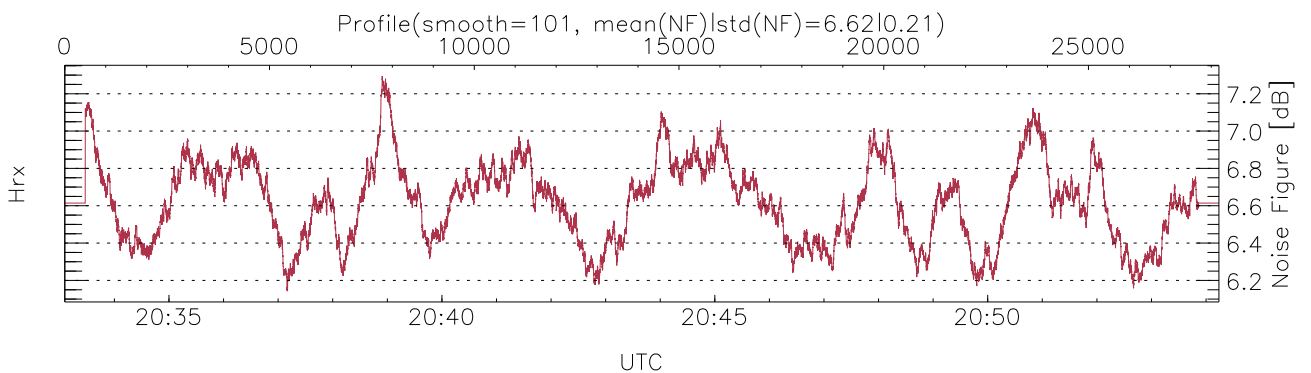
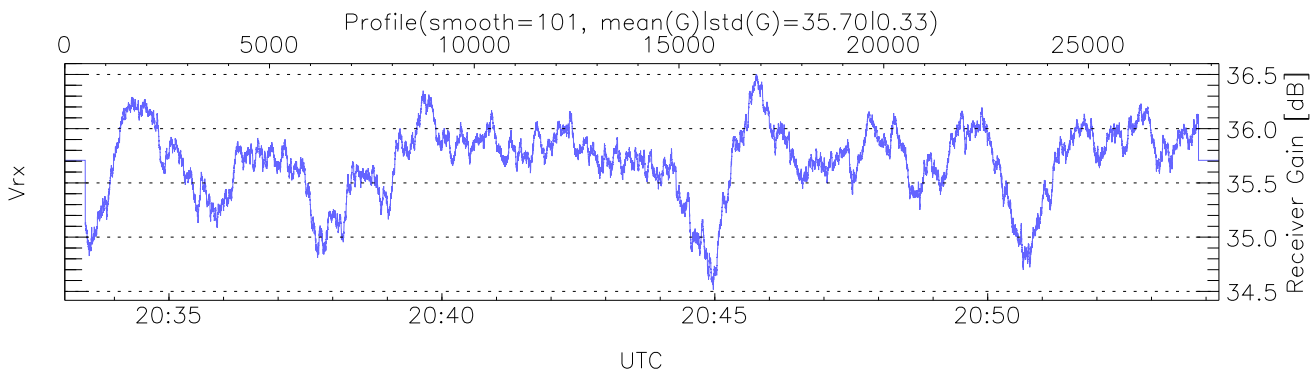
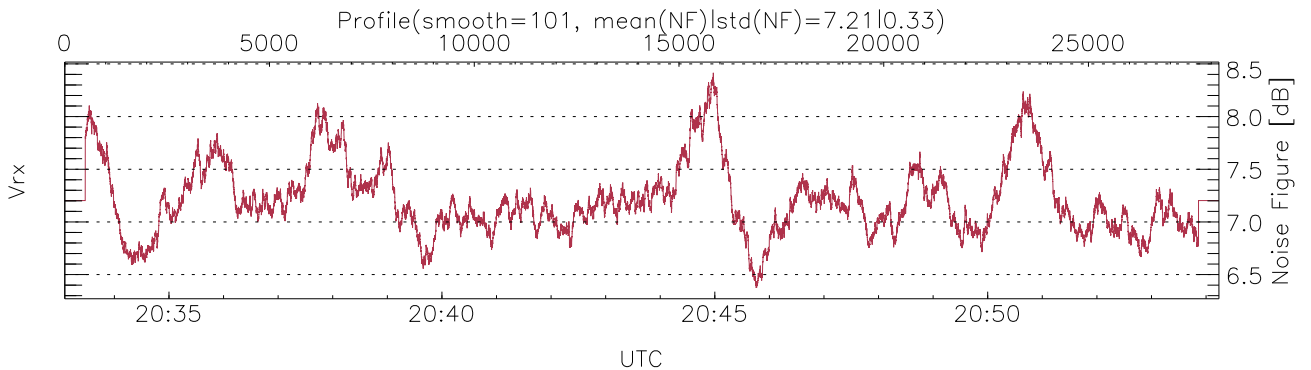
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:33:05-20:54:14, TimeCor: 0.00s, Dur: 1268.73s  
 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): 28188/28188, 0-28187/20:33:05-20:54:14  
 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



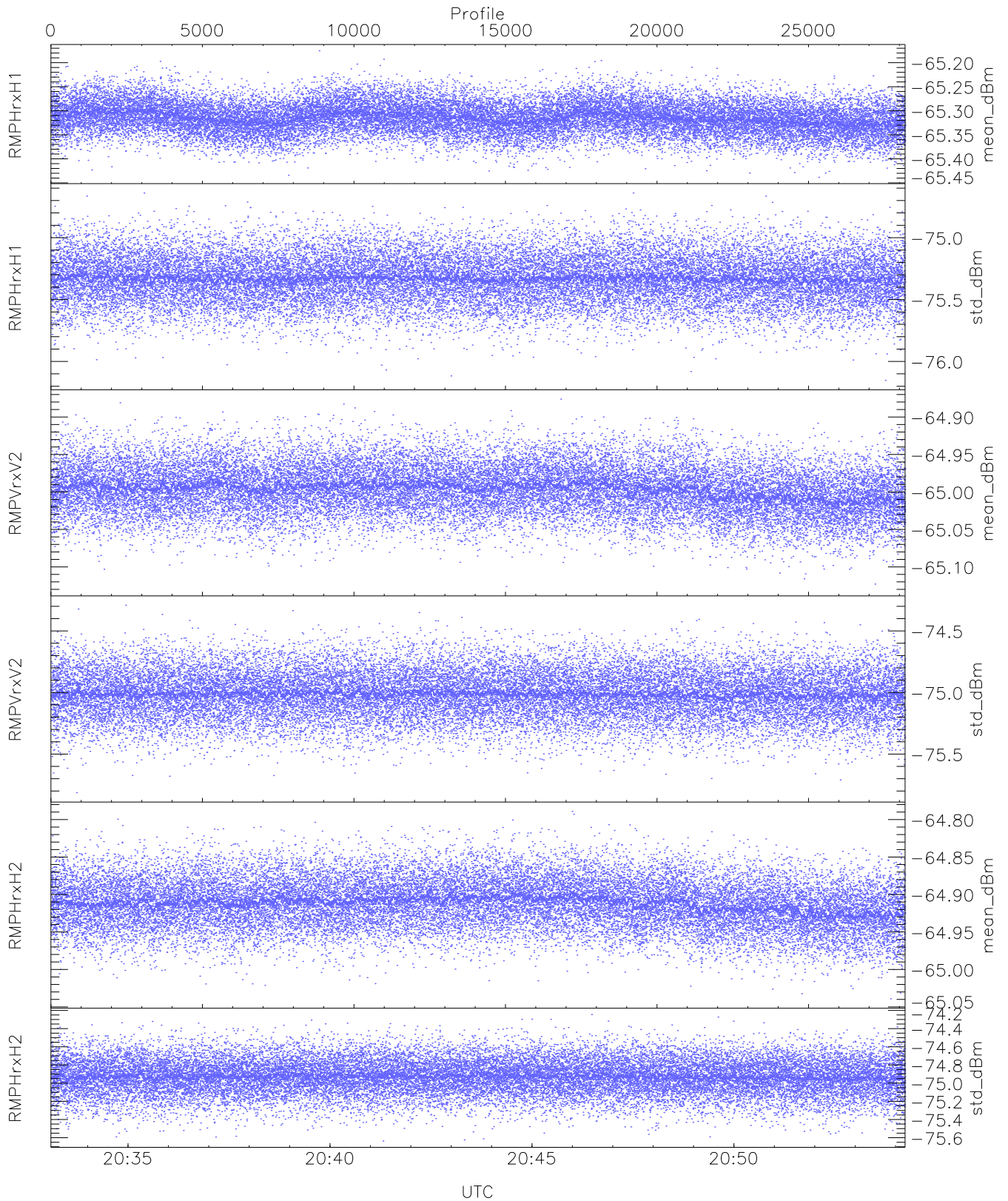
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,24,25`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27`  
`LOalarm(20,240,2817,14861 MHz): 0,0,44,0`  
`EIK/Modulator Faults: None`



### WCR3 CPP Receivers Gain and Noise Figure

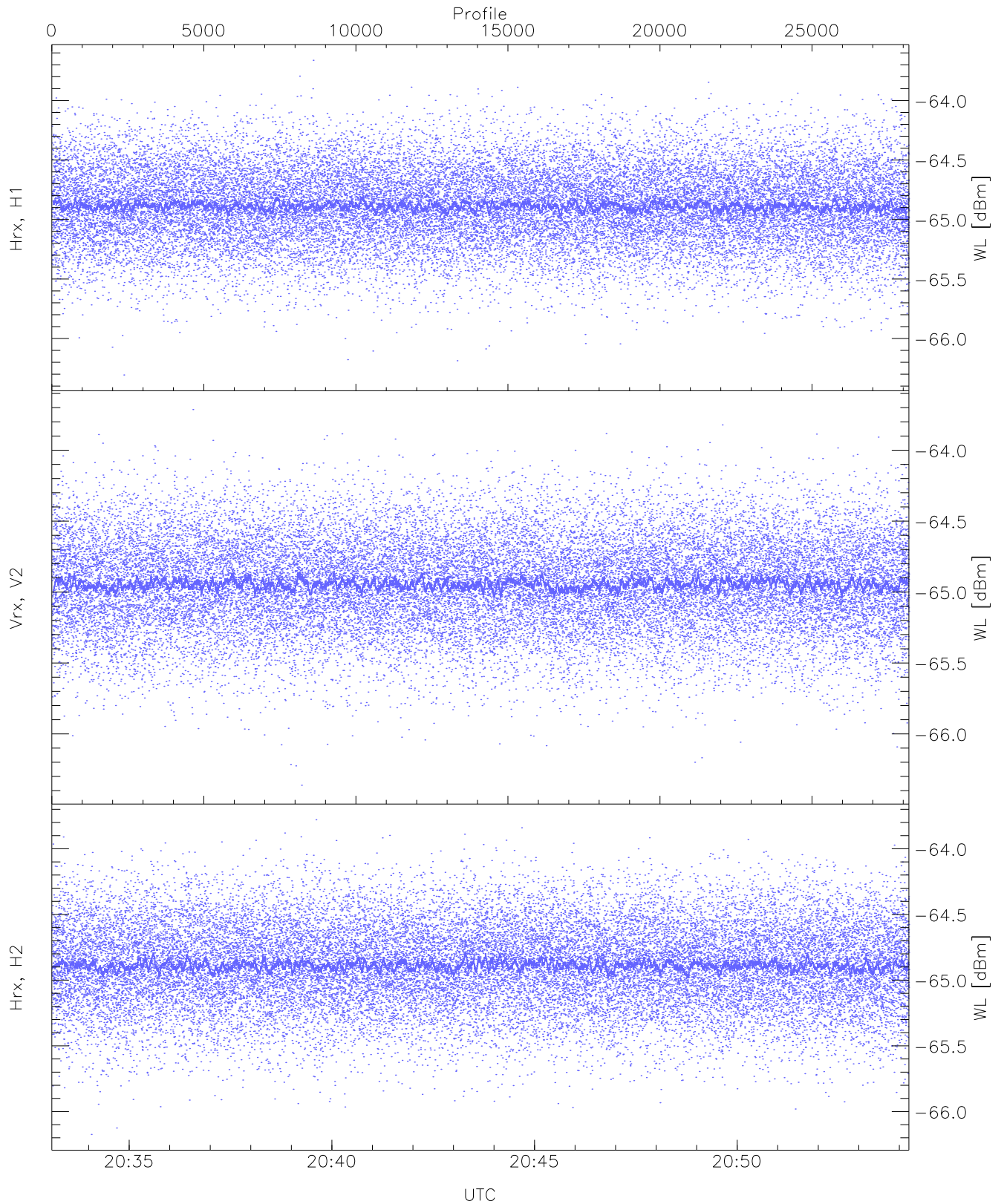
Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prod(s)



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

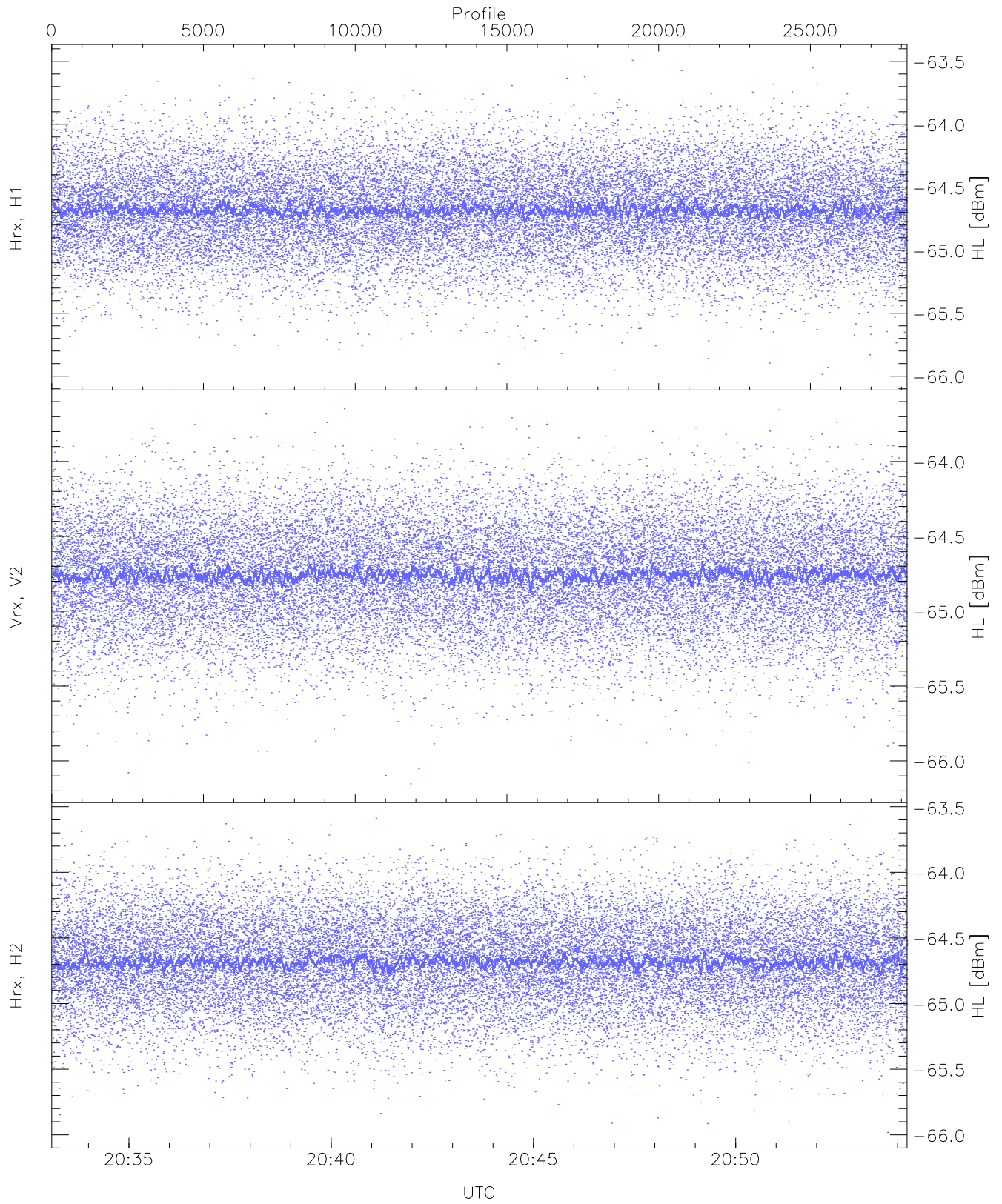
	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.18	-65.32	-65.32	-86.74
RMPHrxH1(std_dBm)	-76.15	-74.64	-75.33	-75.33	-89.11
RMPVrxV2(mean_dBm)	-65.13	-64.88	-65.00	-65.00	-86.49
RMPVrxV2(std_dBm)	-75.81	-74.29	-75.01	-75.01	-88.77
RMPHrxH2(mean_dBm)	-65.04	-64.79	-64.91	-64.91	-86.37
RMPHrxH2(std_dBm)	-75.64	-74.24	-74.93	-74.93	-88.72





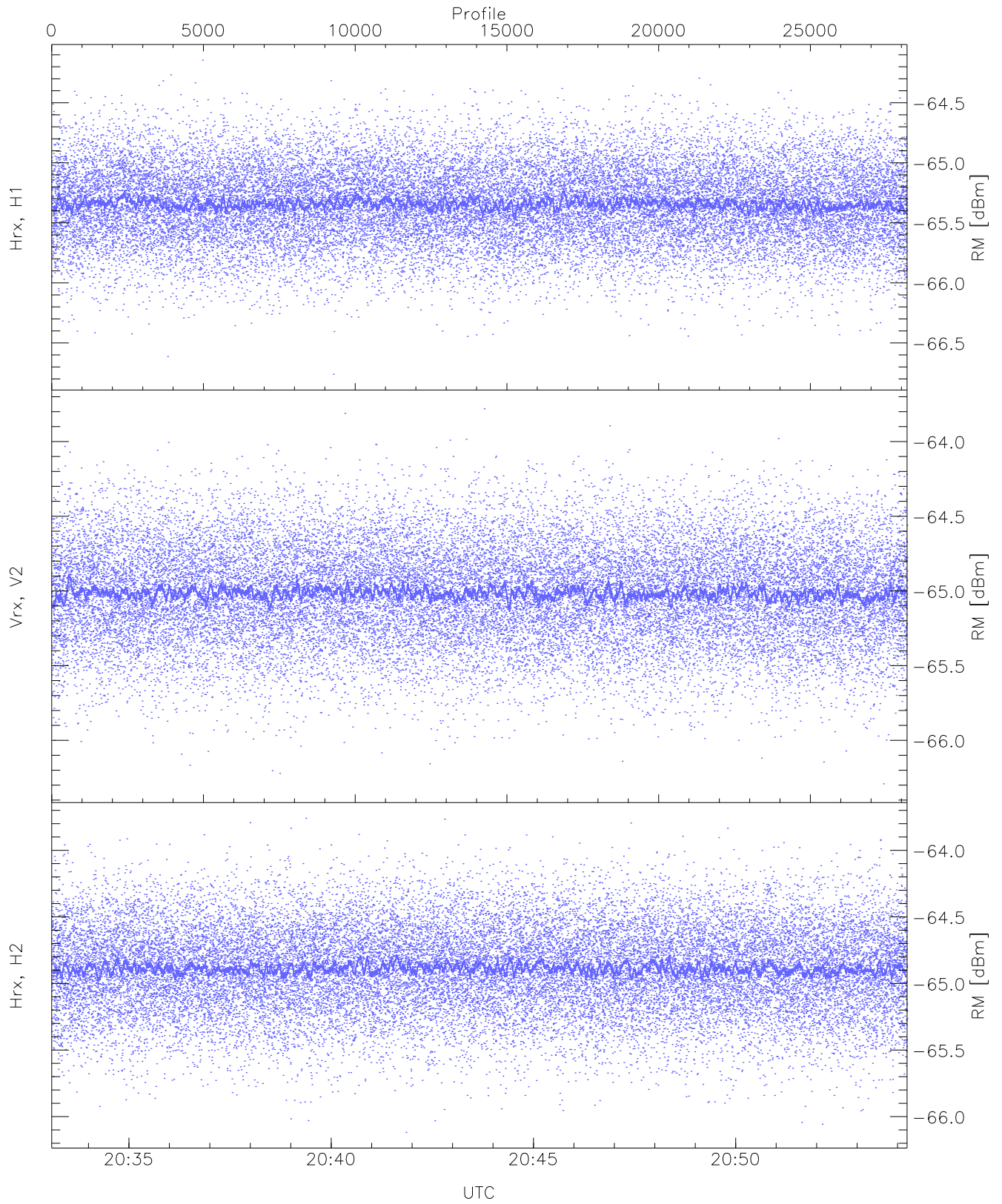
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.31	-63.66	-64.88	-64.89	-76.37
Vrx, V2 (WL [dBm])	-66.36	-63.71	-64.94	-64.95	-76.45
Hrx, H2 (WL [dBm])	-66.17	-63.78	-64.88	-64.89	-76.42



WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

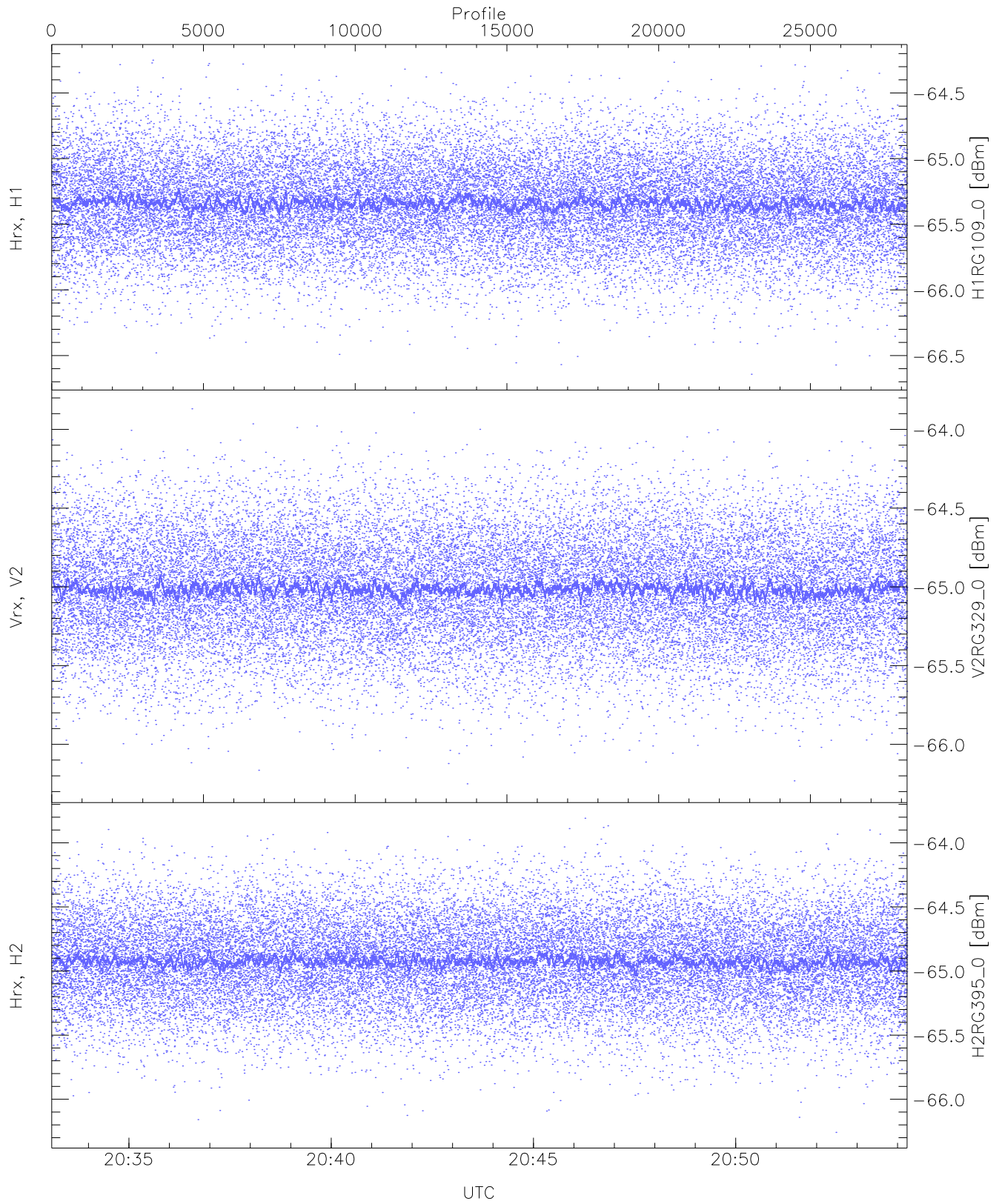
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.99	-63.49	-64.68	-64.68	-76.21
Vrx, V2 (HL [dBm])	-66.15	-63.65	-64.75	-64.76	-76.29
Hrx, H2 (HL [dBm])	-65.98	-63.59	-64.68	-64.68	-76.19



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

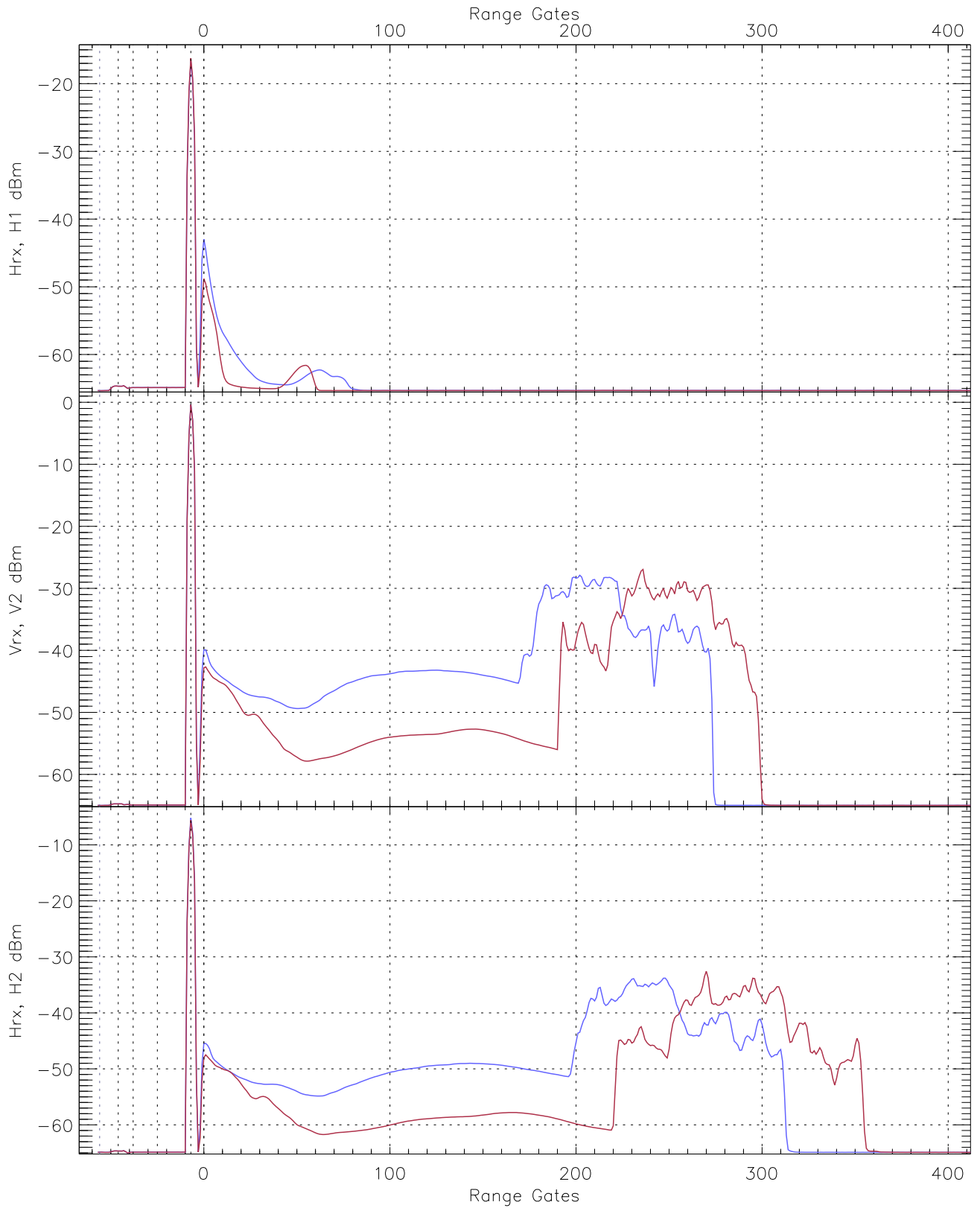
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.76	-64.15	-65.34	-65.34	-76.85
Vrx, V2 (RM [dBm])	-66.29	-63.78	-65.01	-65.01	-76.50
Hrx, H2 (RM [dBm])	-66.12	-63.76	-64.88	-64.89	-76.36





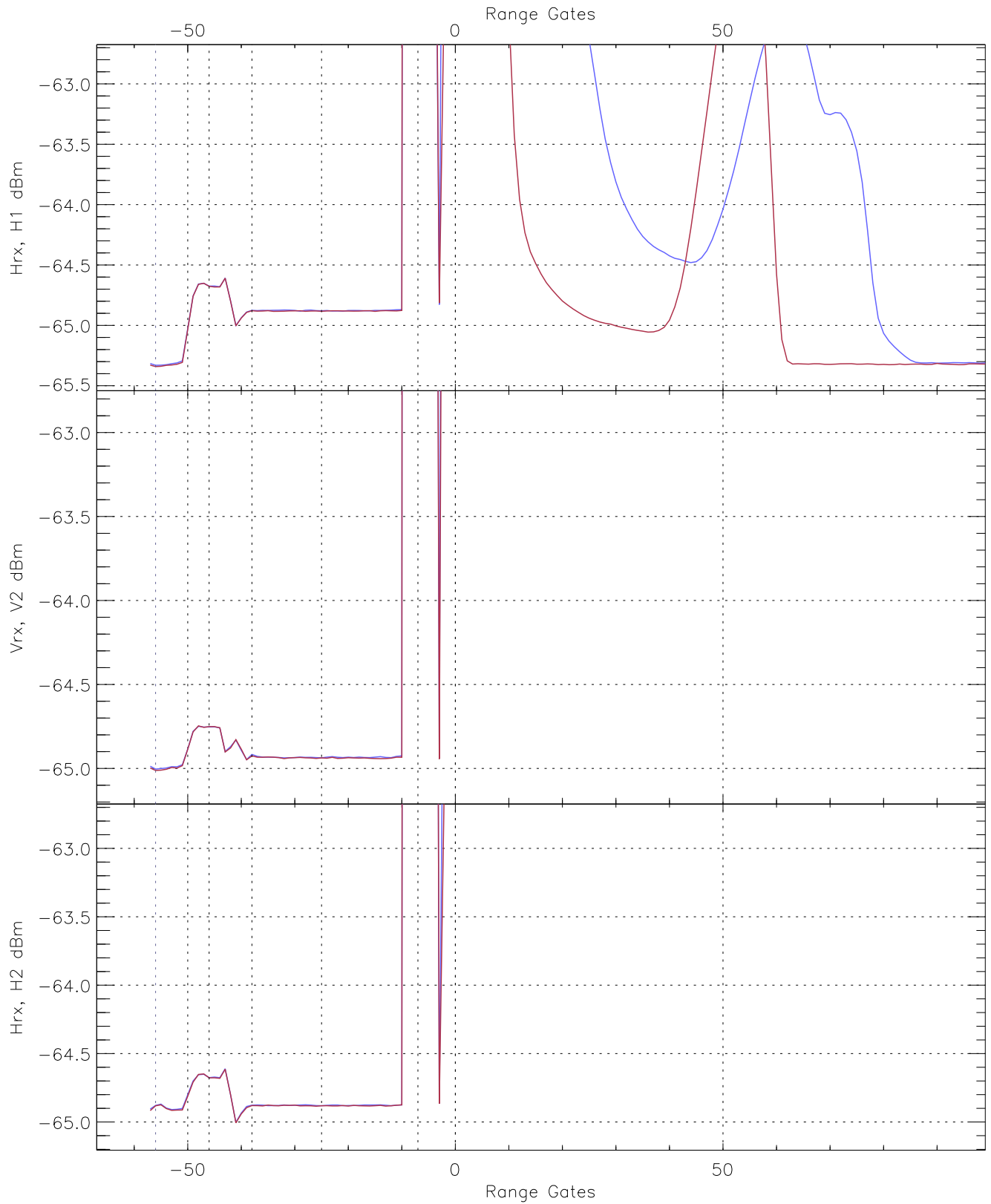
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG109_0 [dBm]	-66.64	-64.25	-65.34	-65.34	-76.86
V2RG329_0 [dBm]	-66.25	-63.87	-65.01	-65.02	-76.50
H2RG395_0 [dBm]	-66.26	-63.81	-64.92	-64.92	-76.45

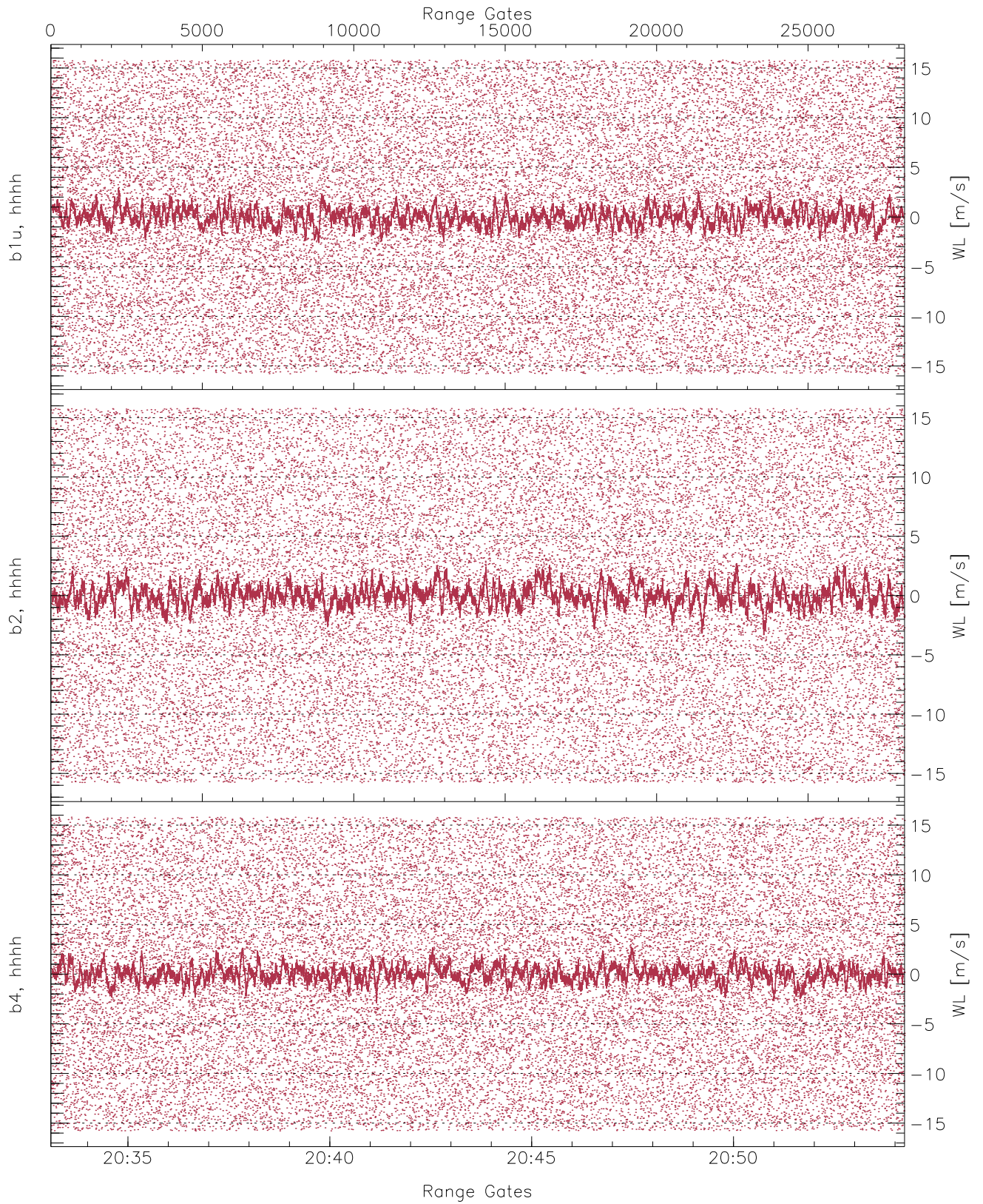


WCR3 CPP Averaged Received power for all recorded gates  
blue: 203305-204340, 14095 profiles averaged  
red: 204340-205414, 14094 profiles averaged

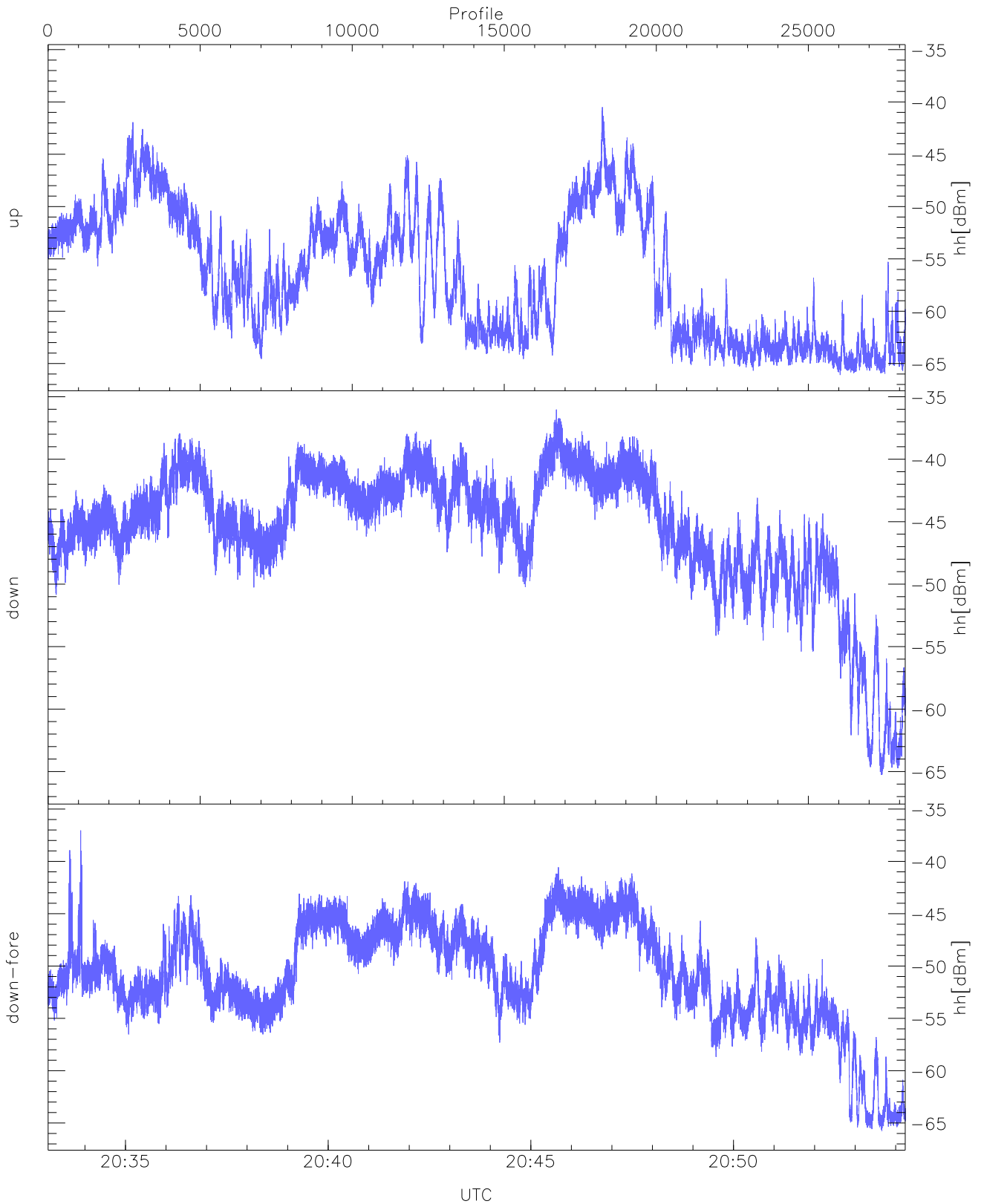




WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 203305-204340, 14095 profiles averaged  
red: 204340-205414, 14094 profiles averaged

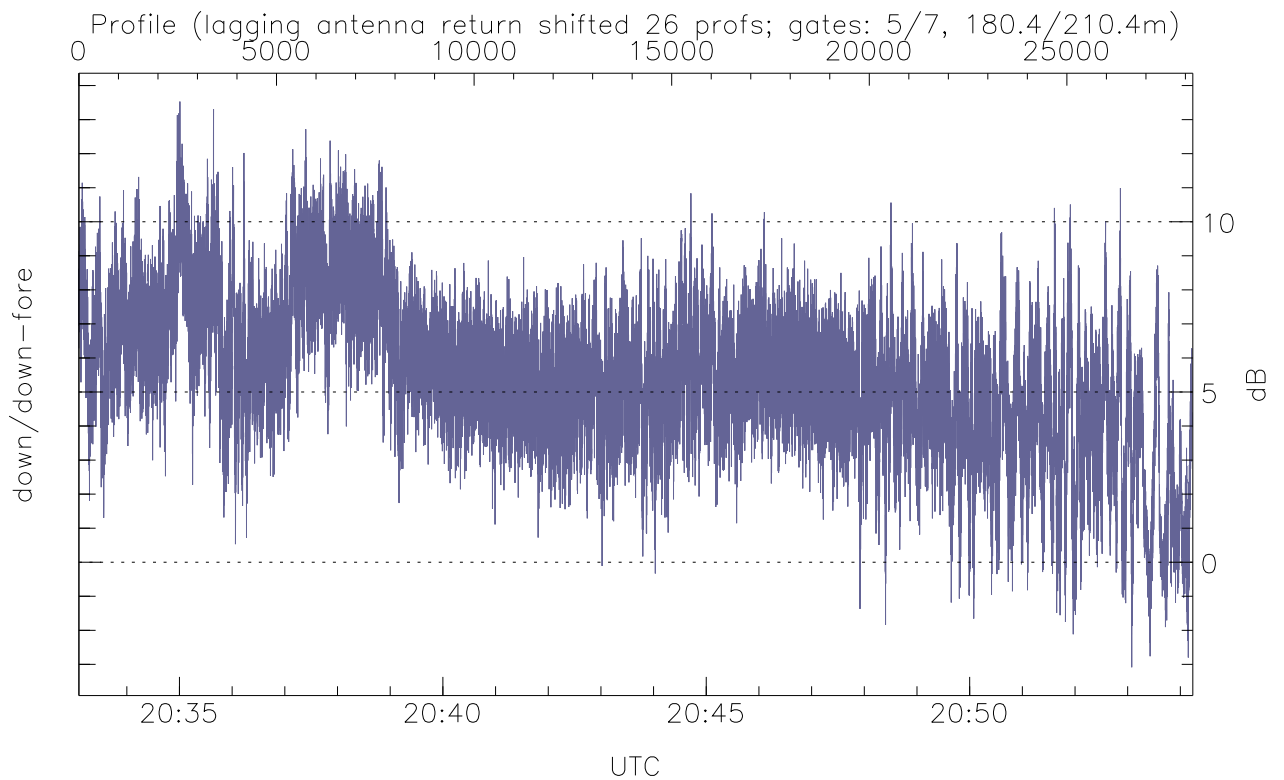
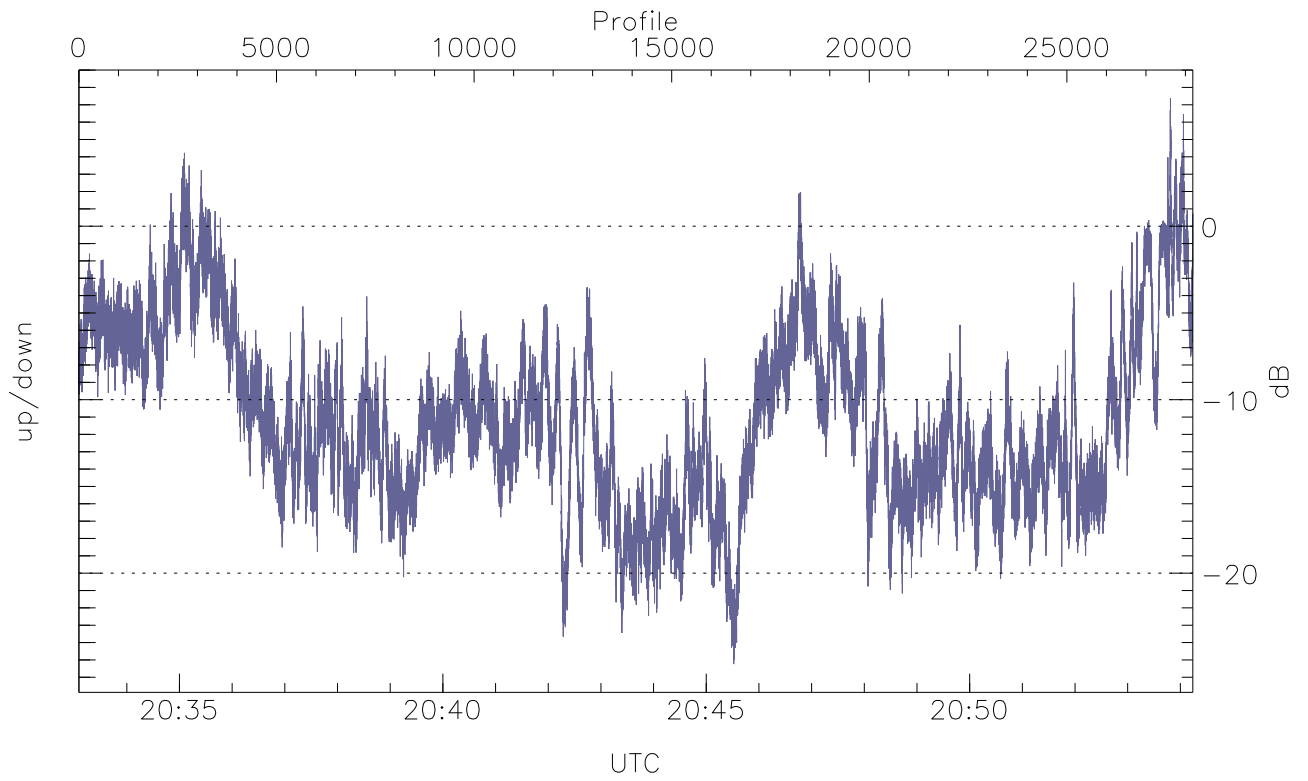


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



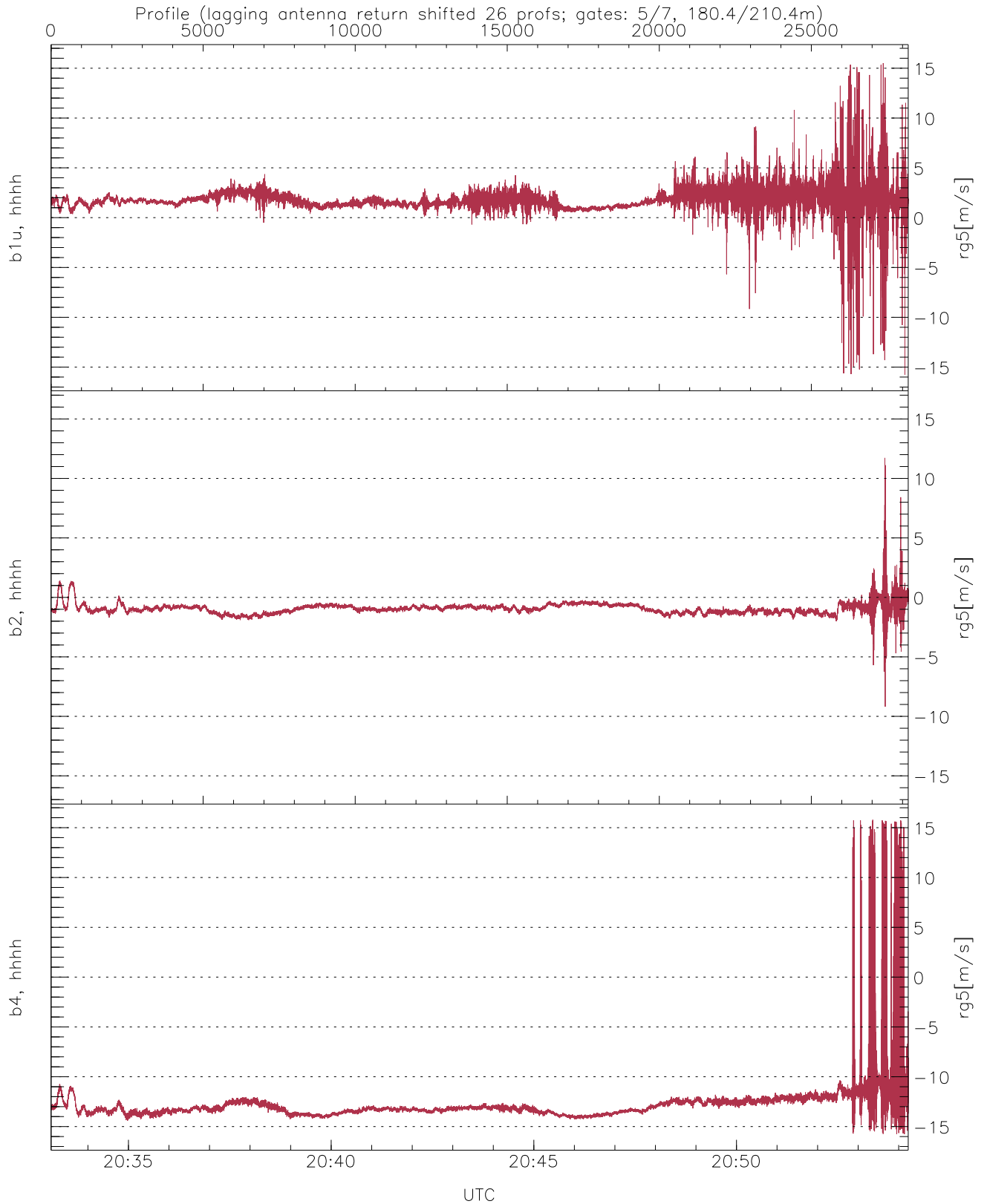
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.10	-40.50	-52.76
down(hh[dBm])	-65.27	-36.02	-43.59
down-fore(hh[dBm])	-65.76	-37.04	-48.52



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

	Min	Max	Mean
up/down (dB)	-25.24	7.37	-11.06
down/down-fore (dB)	-3.09	13.53	5.48



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.51	1.74	1.20
b2, hhhh(rg5[m/s])	-9.19	11.73	-0.94	0.48
b4, hhhh(rg5[m/s])	-15.76	15.79	-12.79	2.12