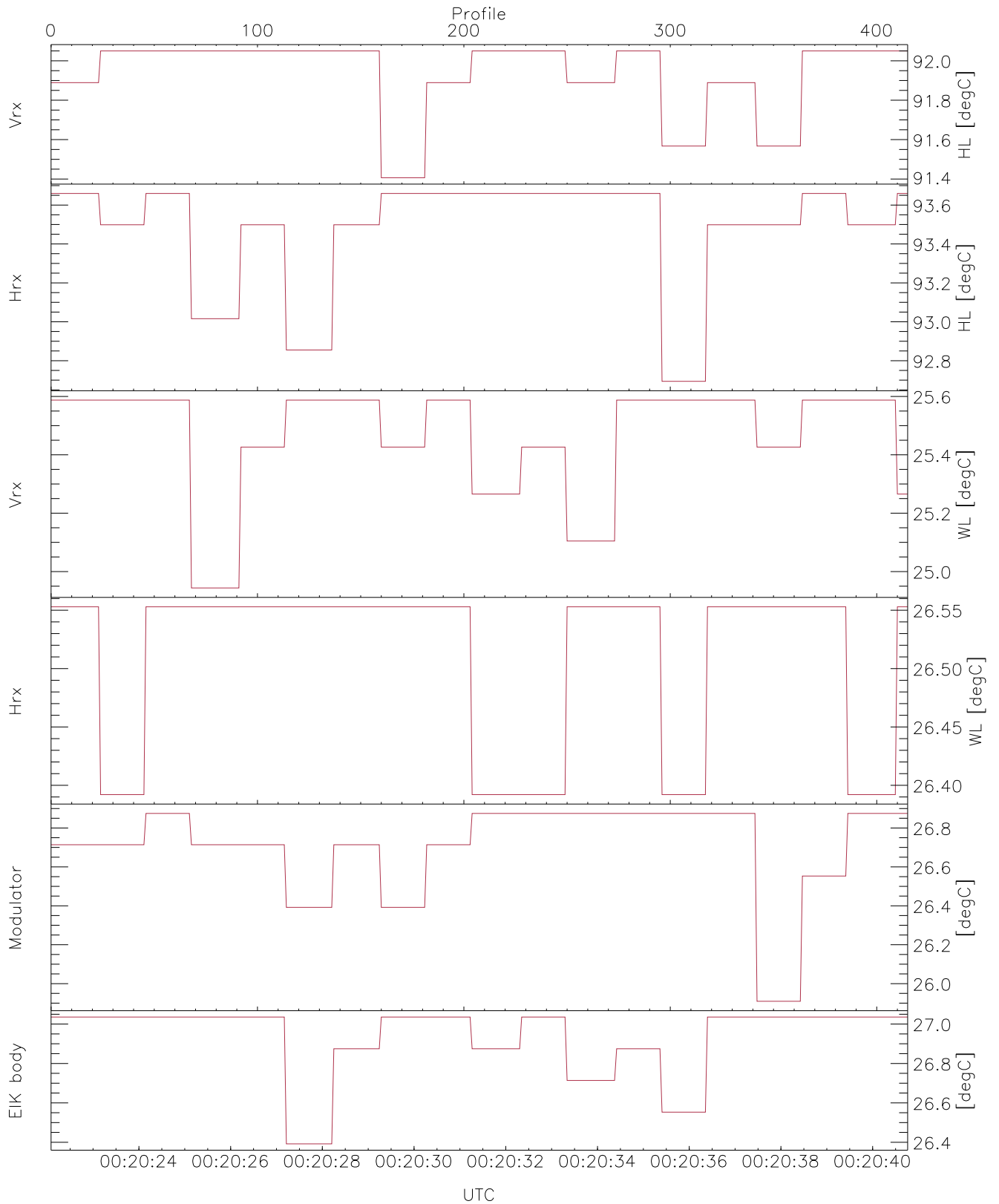


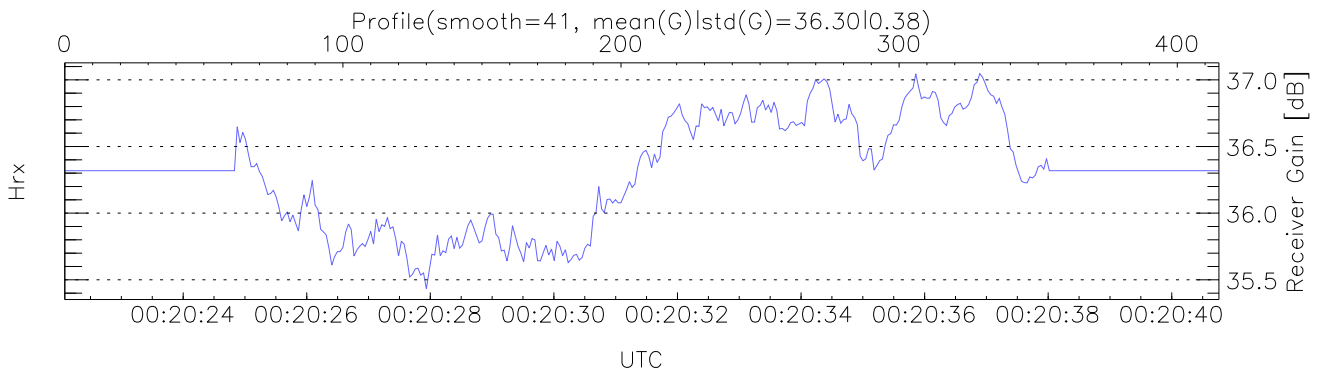
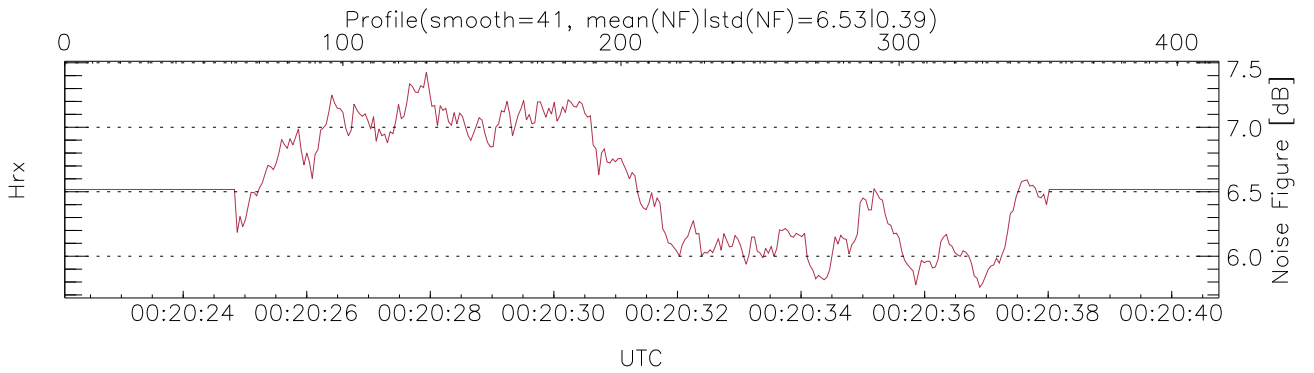
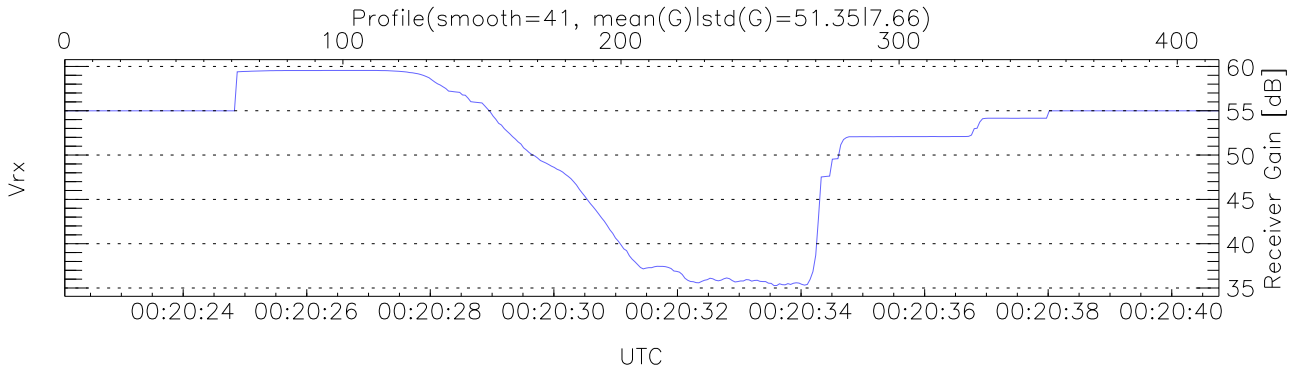
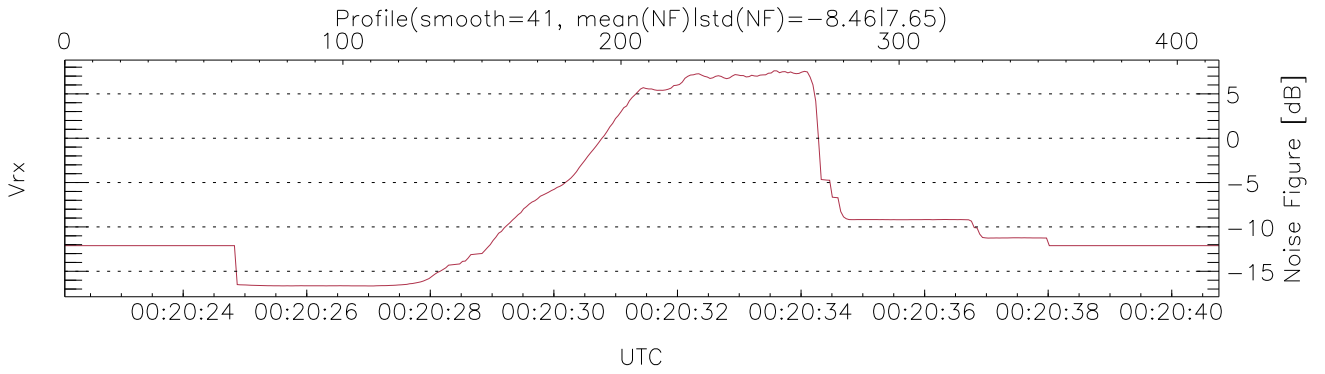
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:20:22-00:20:41, TimeCor: 0.00s, Dur: 18.68s  
 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): 416/416, 0-415/00:20:22-00:20:41  
 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



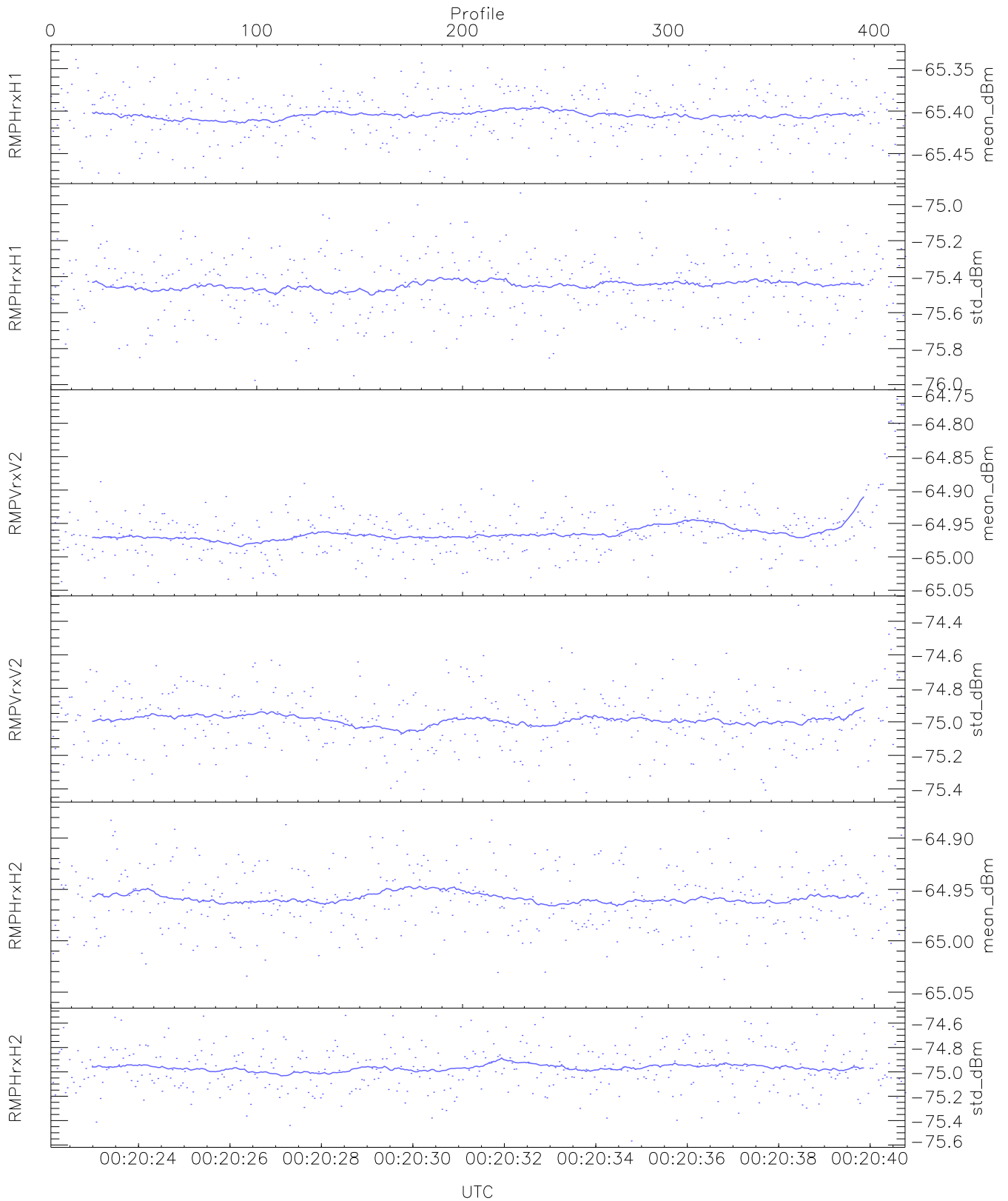
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



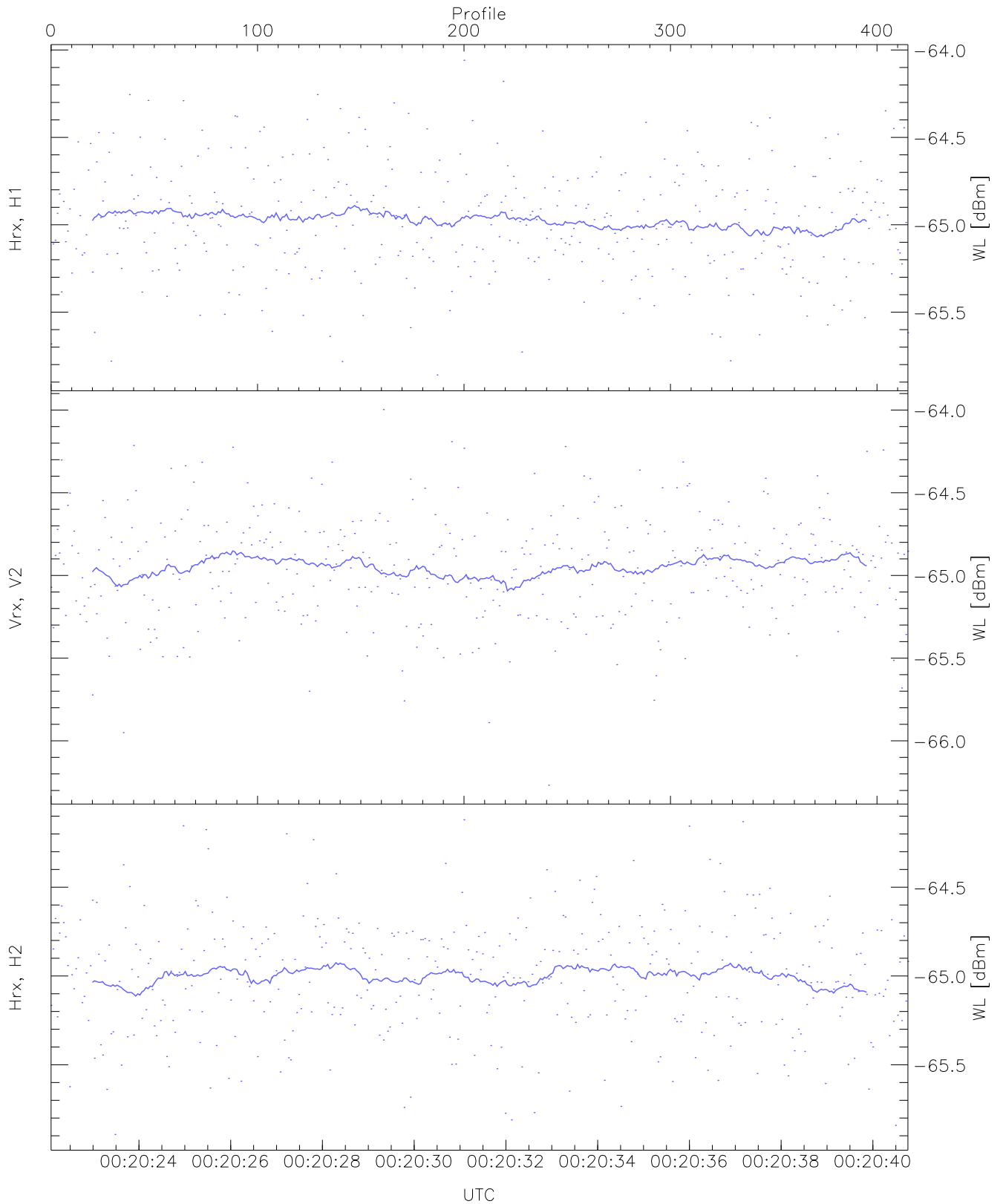
### WCR3 CPP Receivers Gain and Noise Figure

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



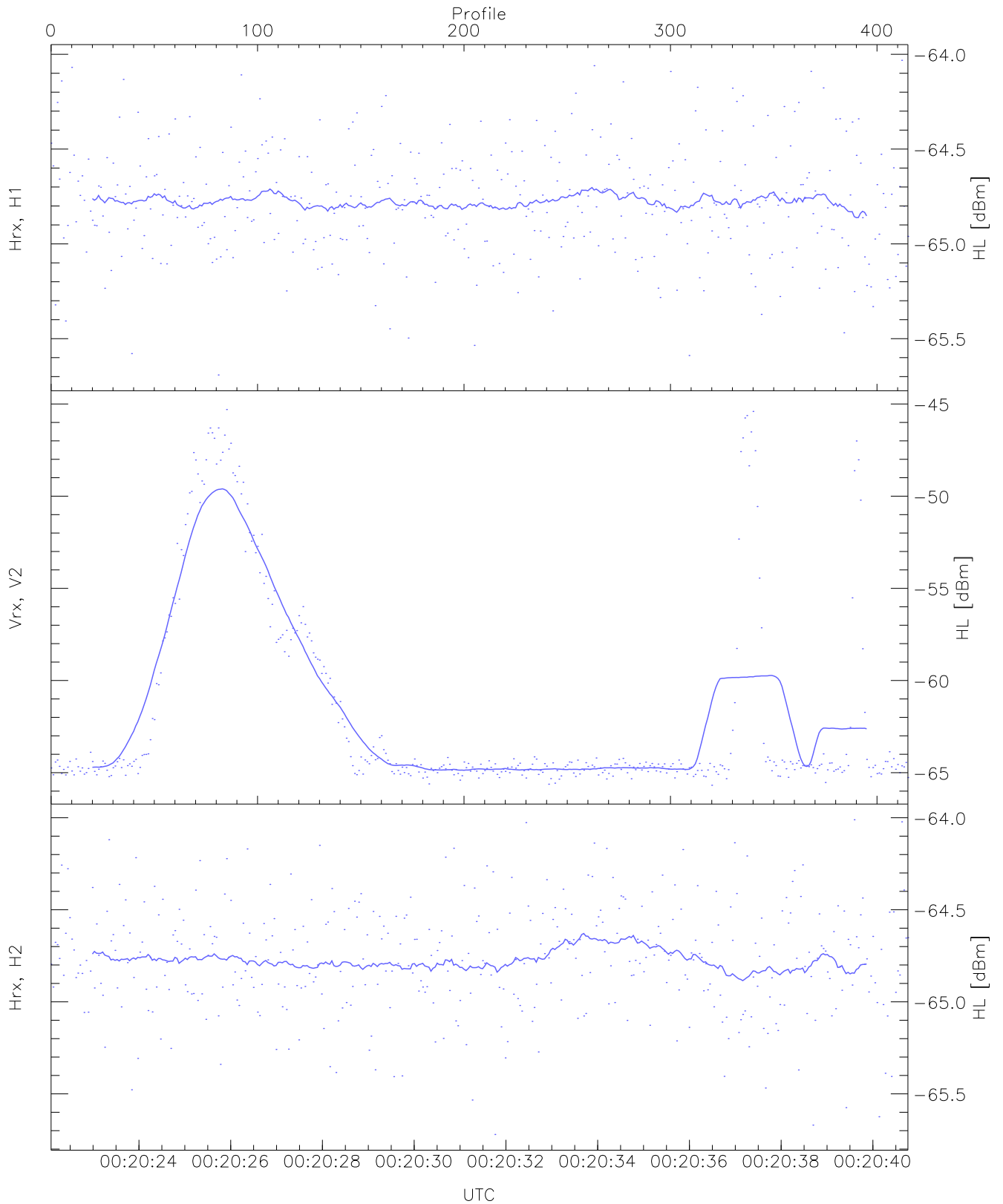
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.33	-65.40	-65.40	-87.16
RMPHrxH1(std_dBm)	-75.98	-74.93	-75.44	-75.43	-89.30
RMPVrxV2(mean_dBm)	-65.04	-64.76	-64.96	-64.96	-85.19
RMPVrxV2(std_dBm)	-75.42	-74.30	-74.98	-74.98	-88.89
RMPHrxH2(mean_dBm)	-65.06	-64.87	-64.96	-64.96	-86.40
RMPHrxH2(std_dBm)	-75.57	-74.53	-74.97	-74.97	-88.78



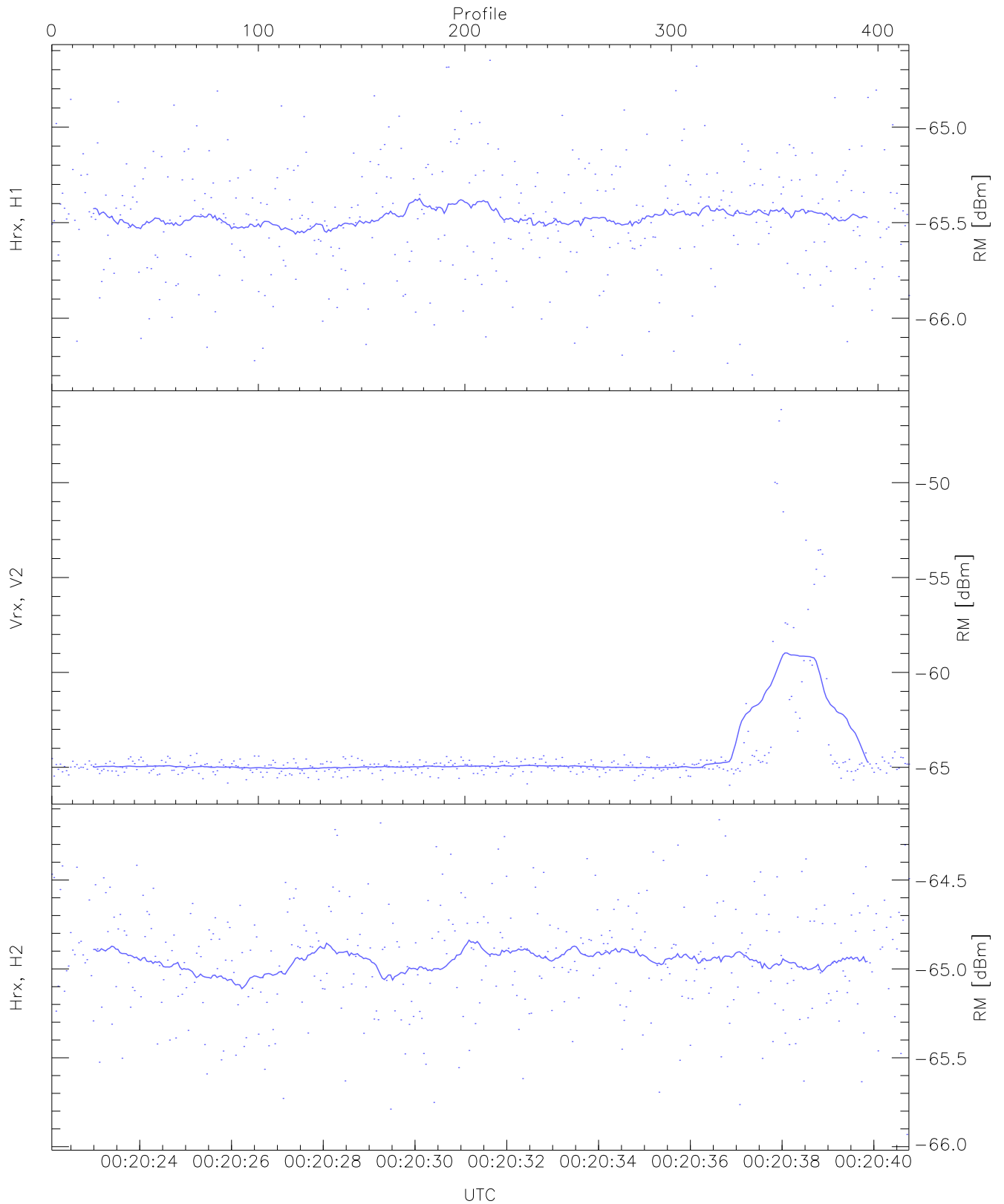
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.86	-64.06	-64.97	-64.99	-76.41
Vrx, V2(WL [dBm])	-66.27	-64.00	-64.94	-64.93	-76.31
Hrx, H2(WL [dBm])	-65.89	-64.12	-65.00	-64.99	-76.32



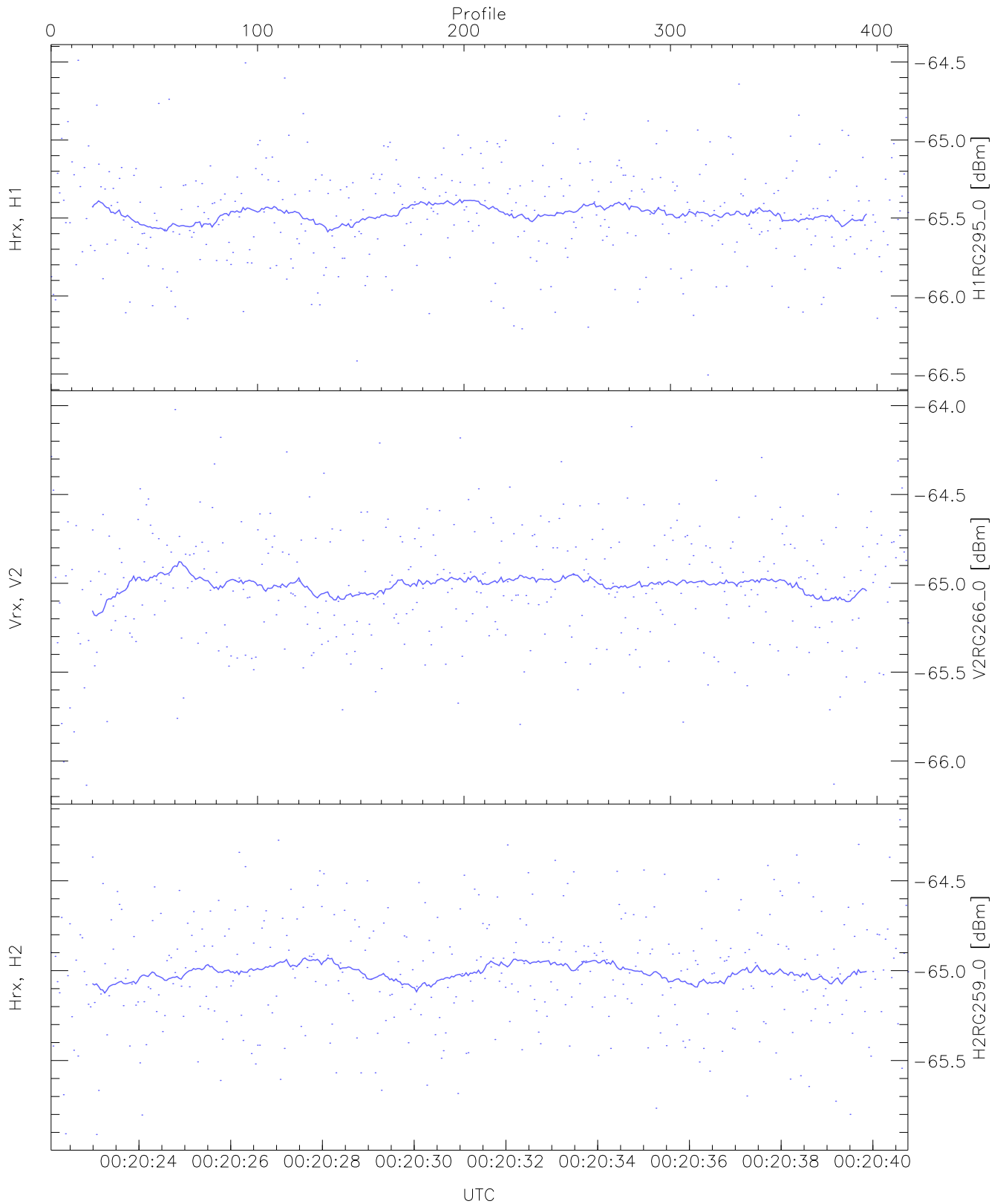
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.69	-64.03	-64.77	-64.79	-76.52
Vrx, V2 (HL [dBm])	-65.68	-45.30	-56.30	-64.53	-52.82
Hrx, H2 (HL [dBm])	-65.72	-64.01	-64.76	-64.76	-76.44



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

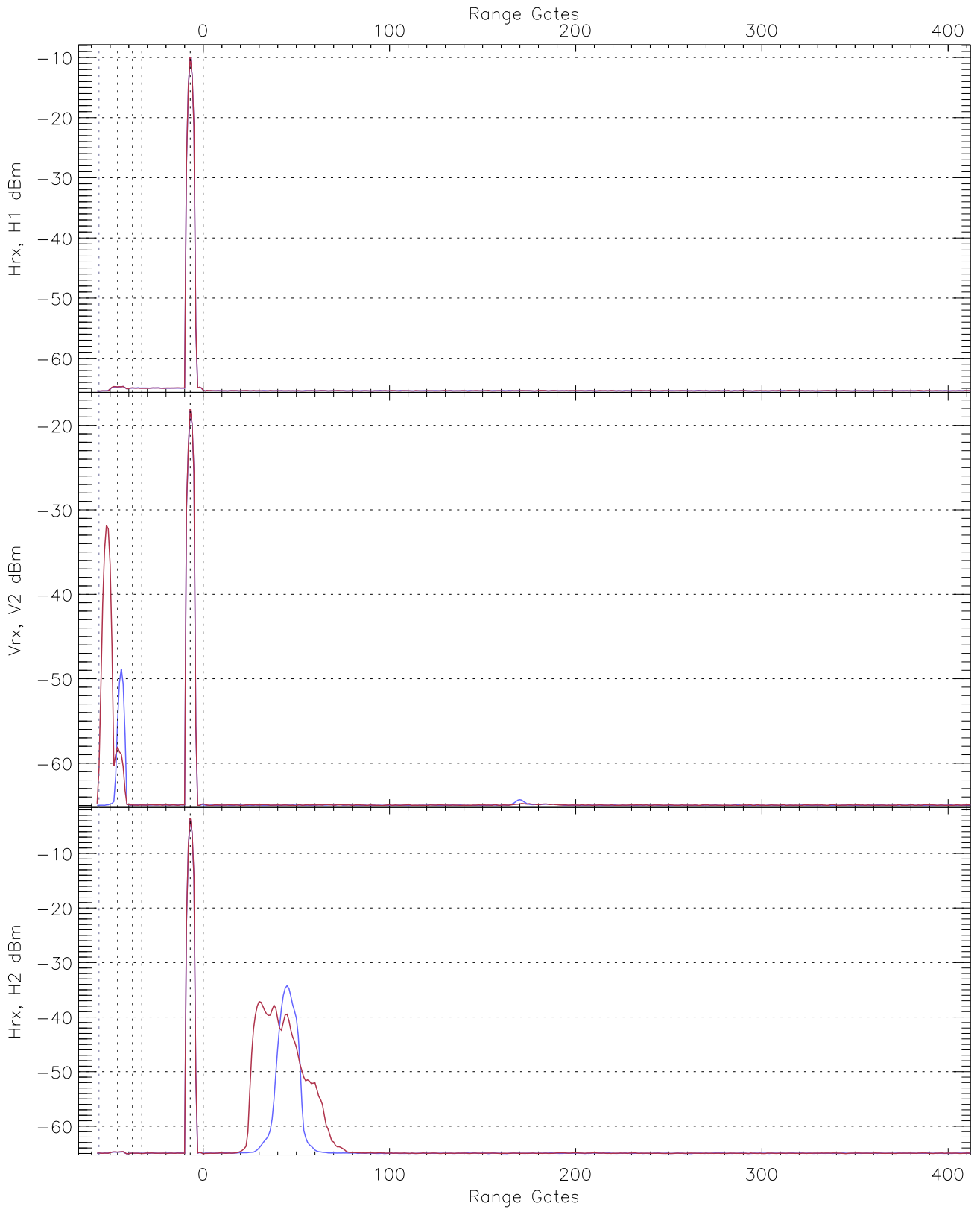
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.30	-64.65	-65.46	-65.46	-77.06
Vrx, V2 (RM [dBm])	-65.95	-46.15	-62.34	-64.92	-57.49
Hrx, H2 (RM [dBm])	-65.93	-64.16	-64.94	-64.92	-76.39



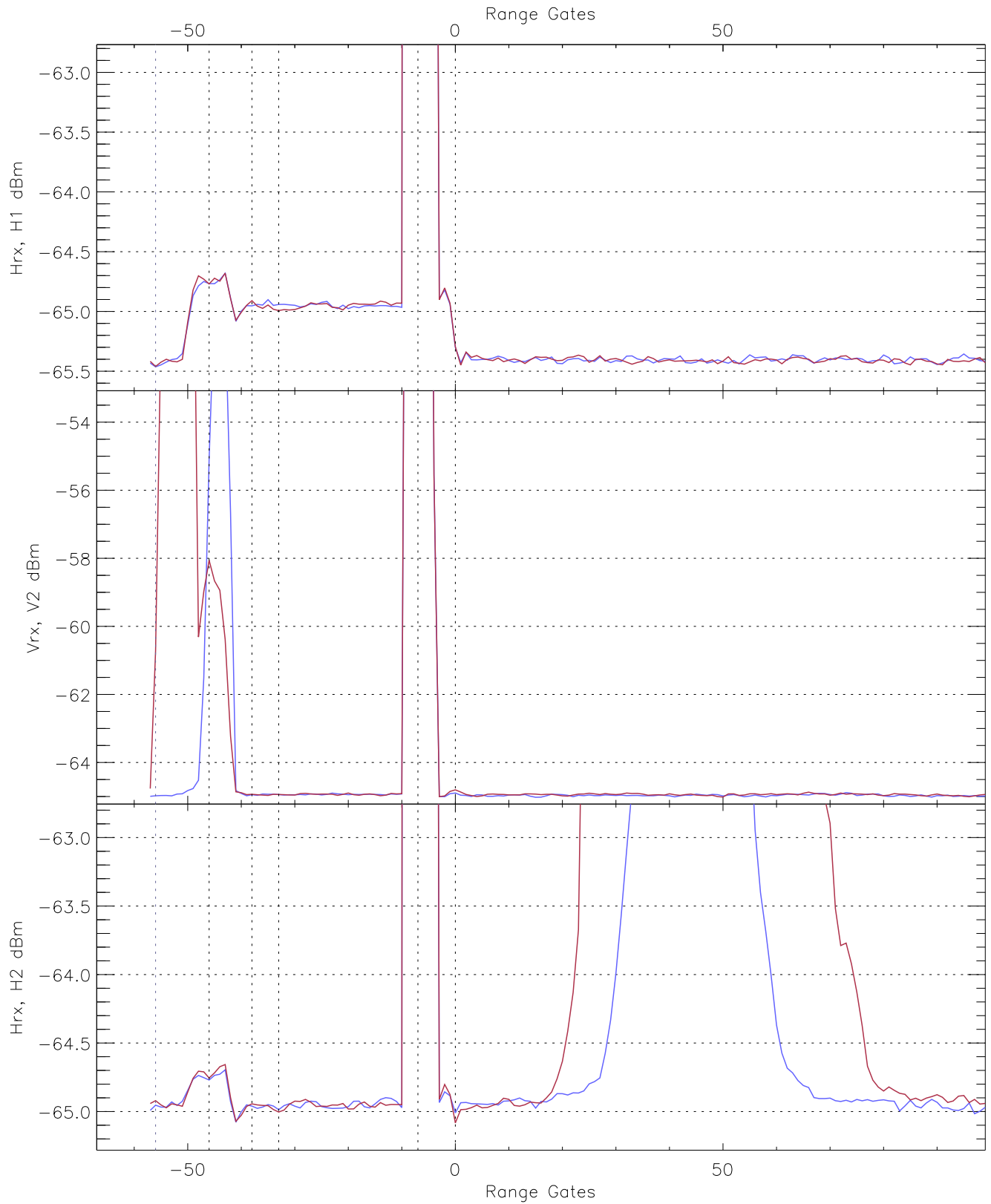
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG295_0 [dBm]	-66.51	-64.49	-65.46	-65.46	-76.81
V2RG266_0 [dBm]	-66.14	-64.02	-65.00	-65.01	-76.18
H2RG259_0 [dBm]	-65.91	-64.16	-65.00	-65.01	-76.42

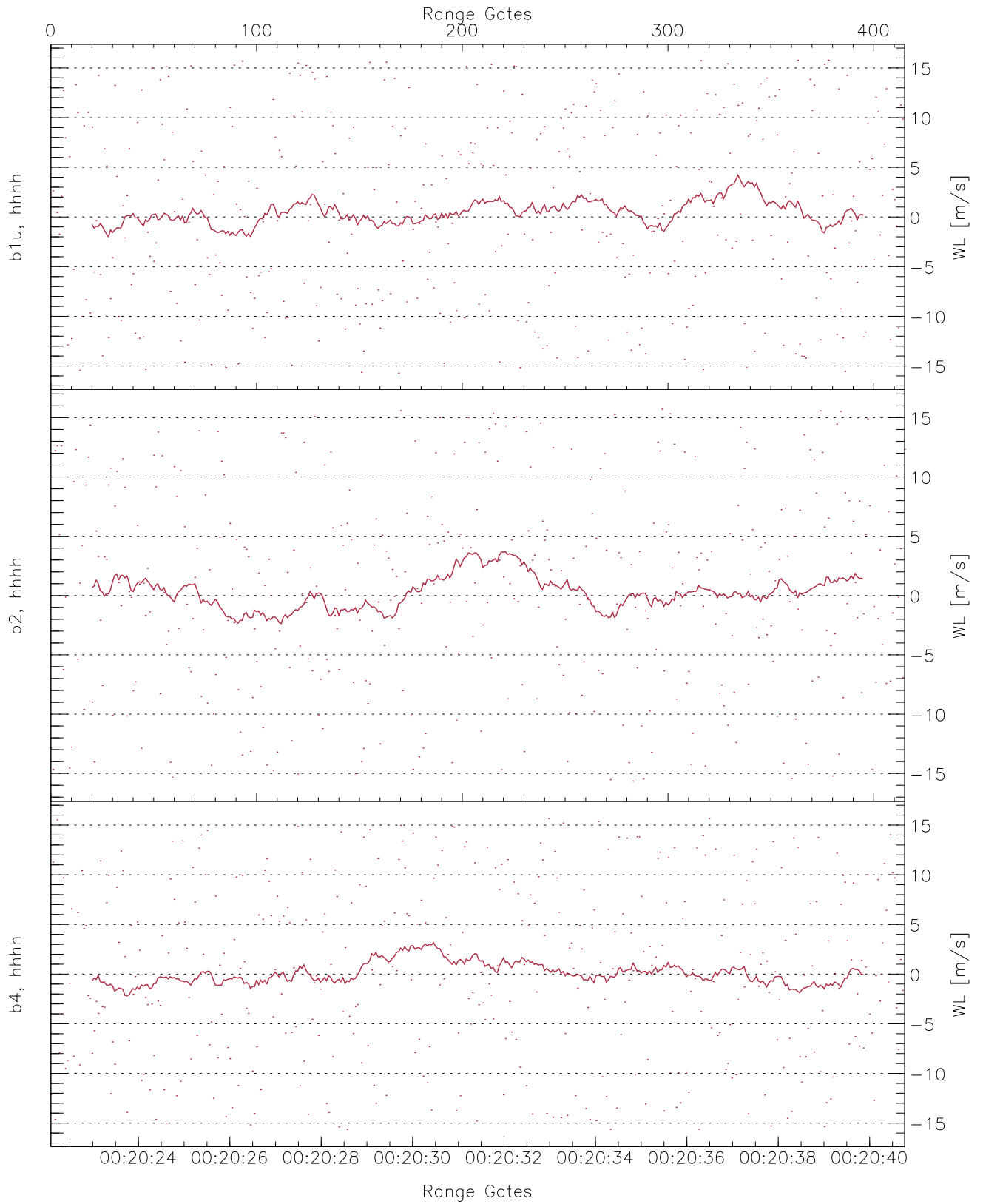




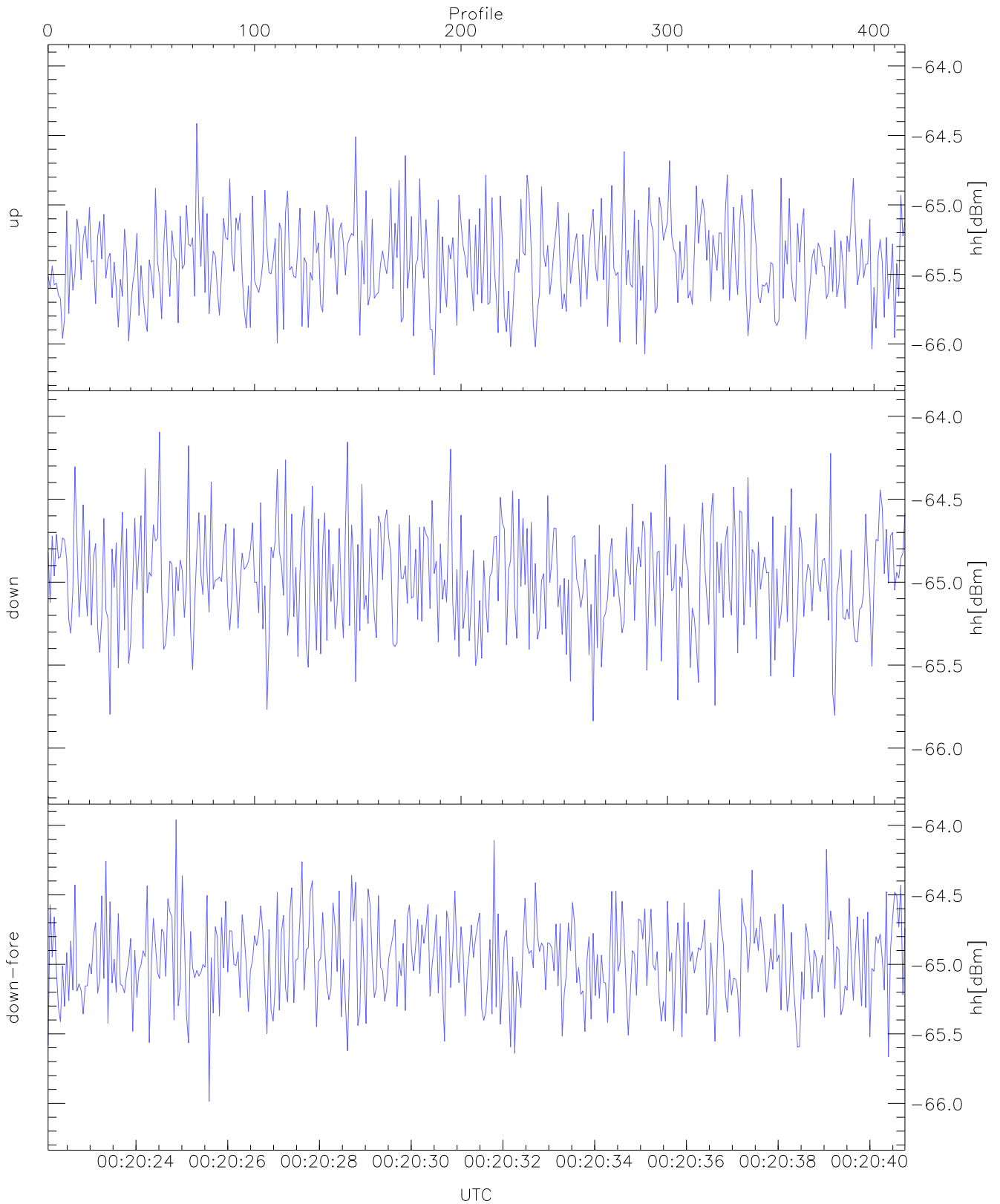
WCR3 CPP Averaged Received power for all recorded gates  
blue: 002022-002031, 209 profiles averaged  
red: 002031-002041, 208 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 002022-002031, 209 profiles averaged  
red: 002031-002041, 208 profiles averaged

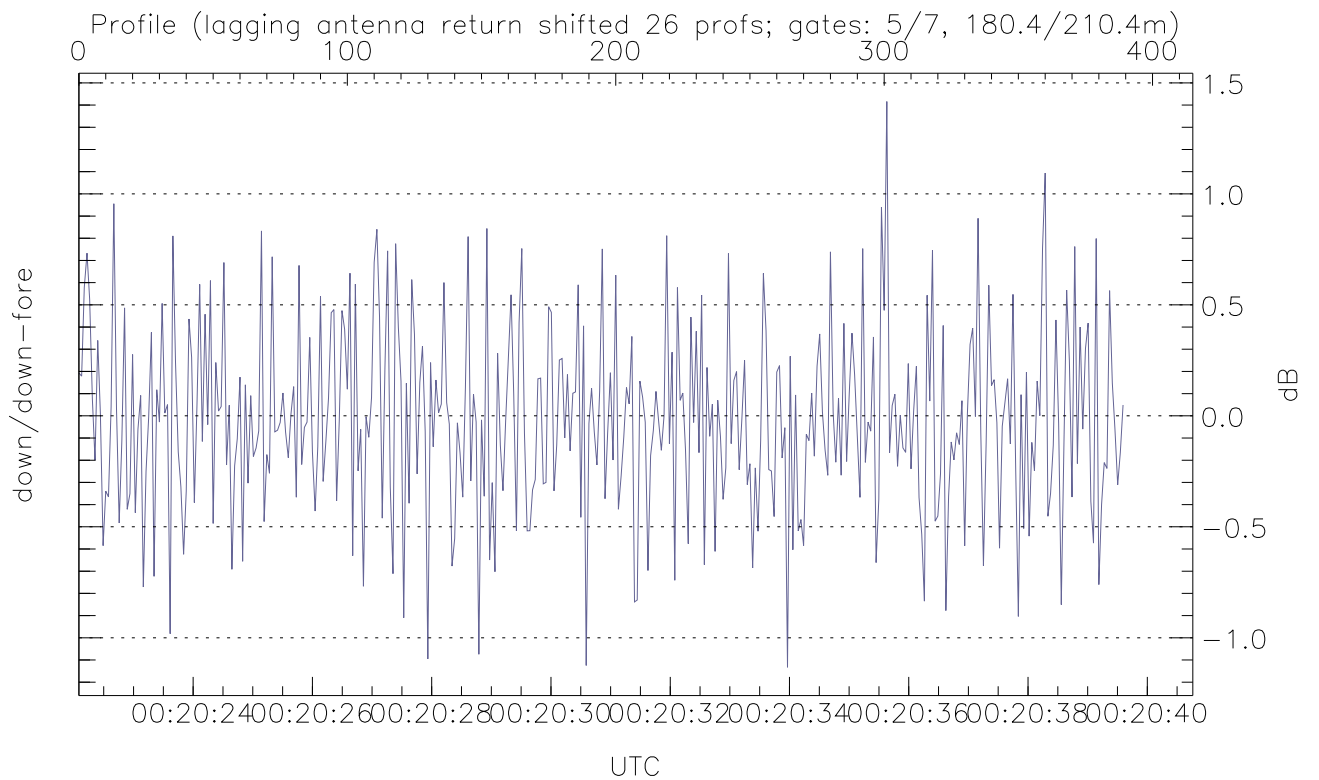
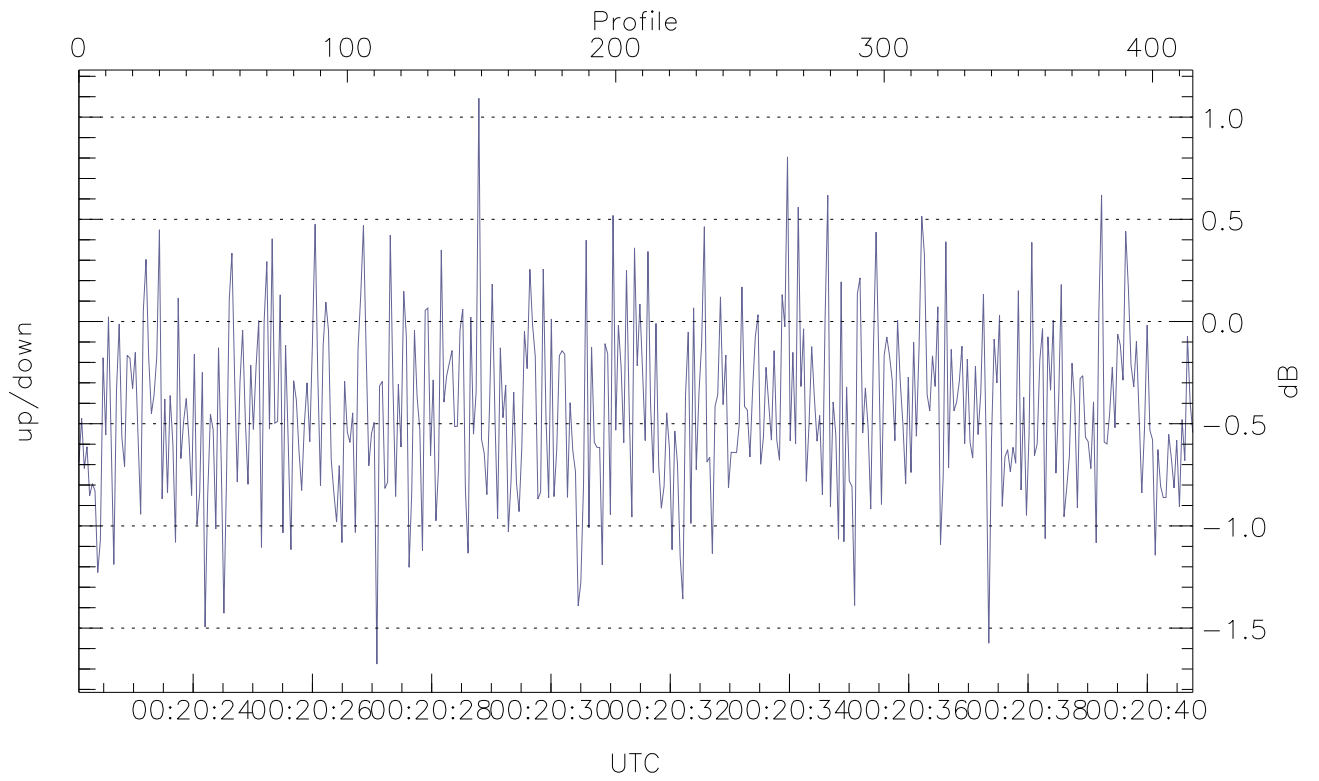


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



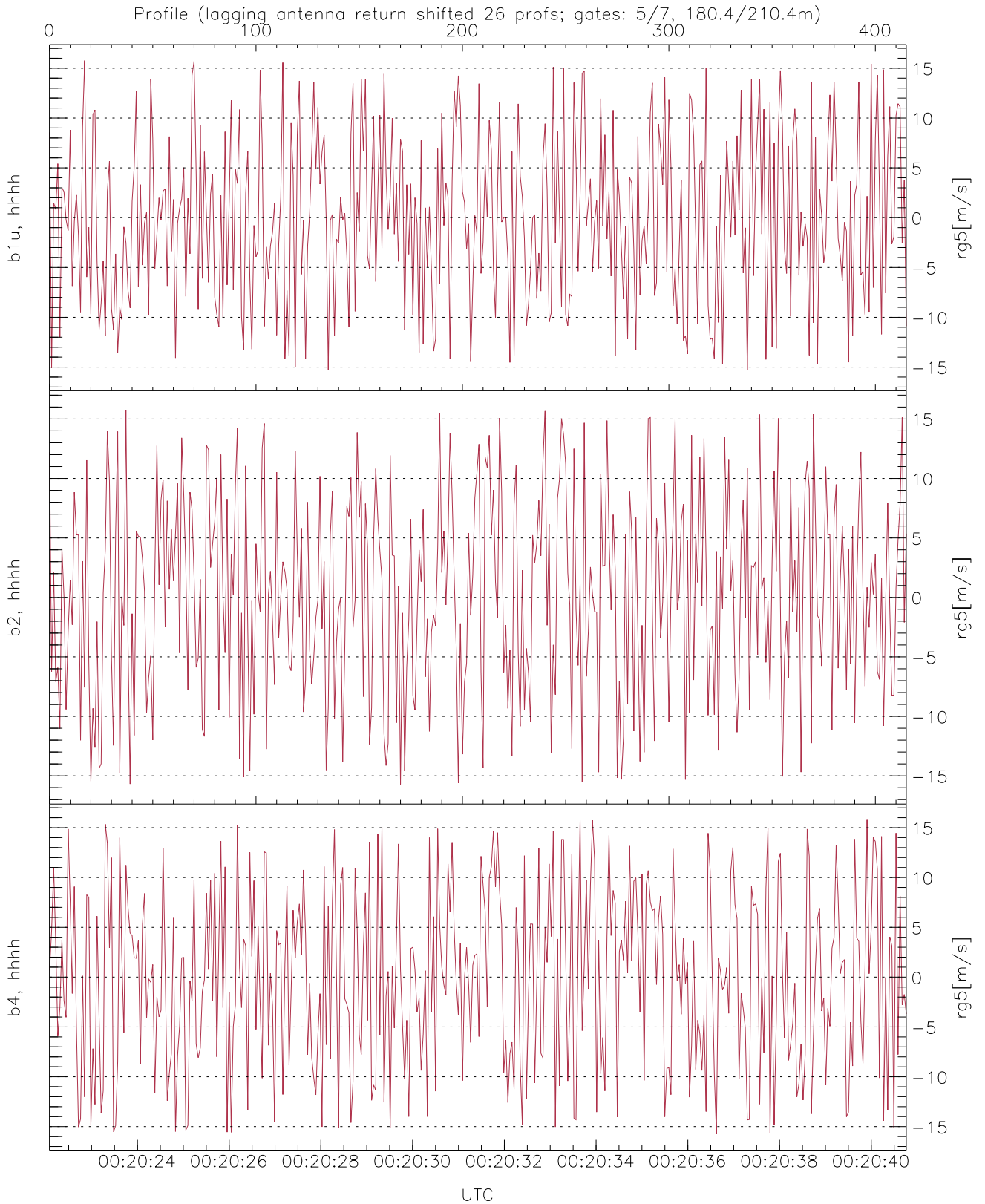
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.22	-64.41	-65.40
down(hh[dBm])	-65.84	-64.10	-64.96
down-fore(hh[dBm])	-65.99	-63.96	-64.96



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

	Min	Max	Mean
up/down (dB)	-1.68	1.09	-0.43
down/down-fore (dB)	-1.13	1.42	-0.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.32	15.78	-0.03	8.17
b2, hhhh(rg5[m/s])	-15.71	15.75	0.34	8.17
b4, hhhh(rg5[m/s])	-15.76	15.78	-0.10	8.71