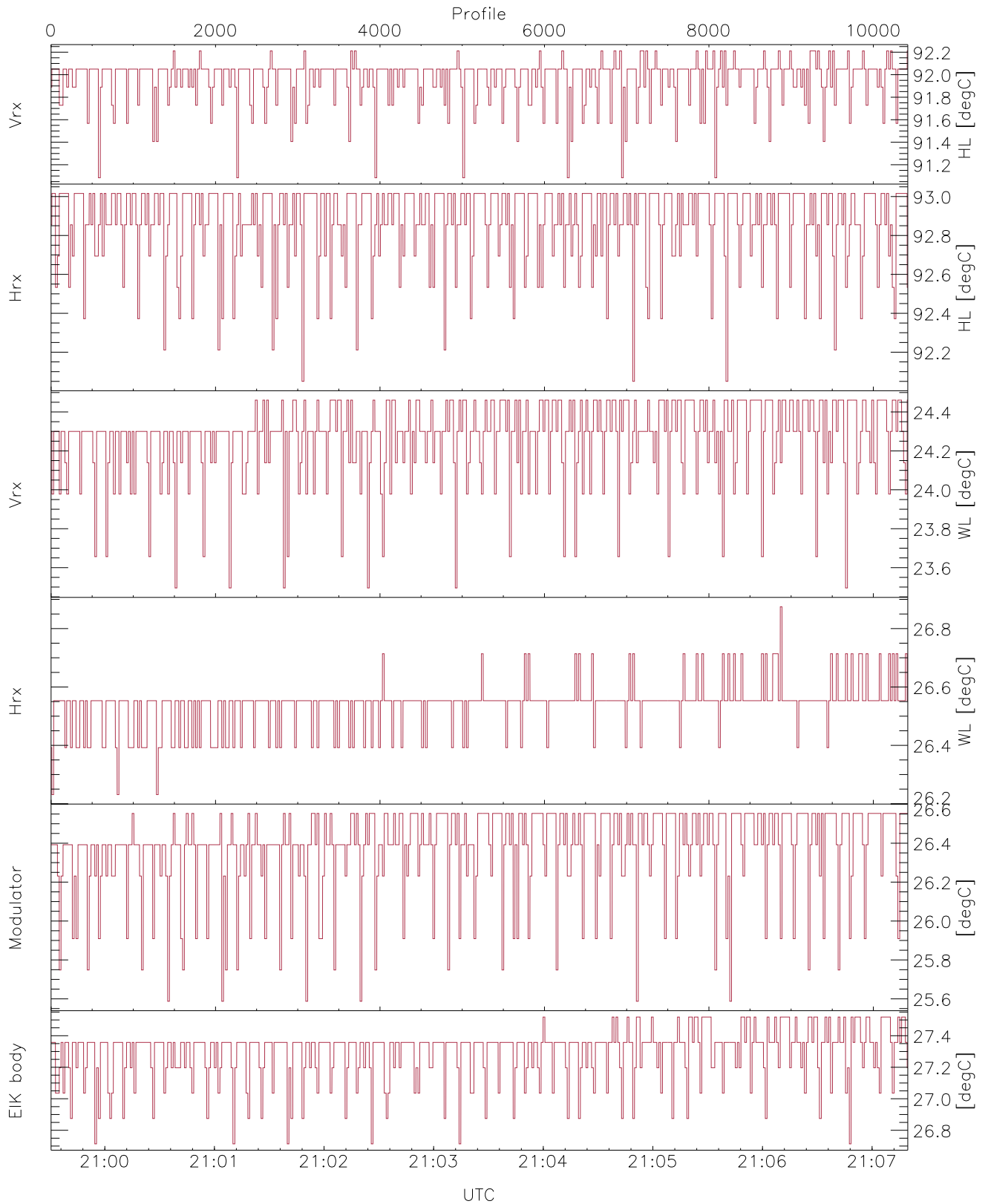


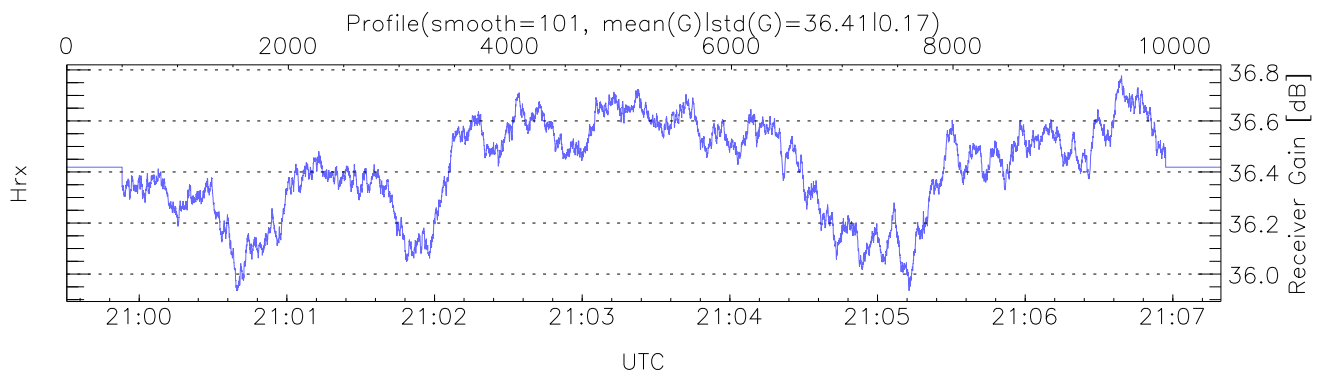
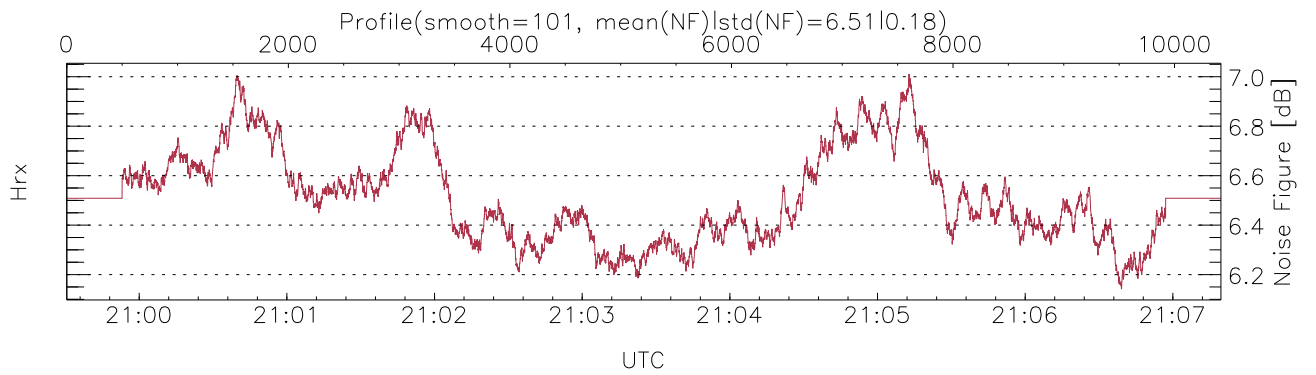
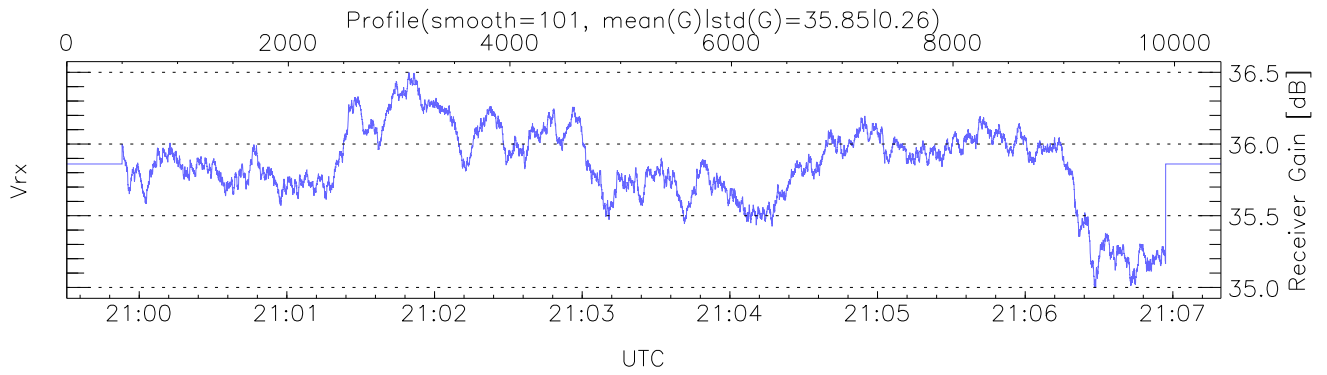
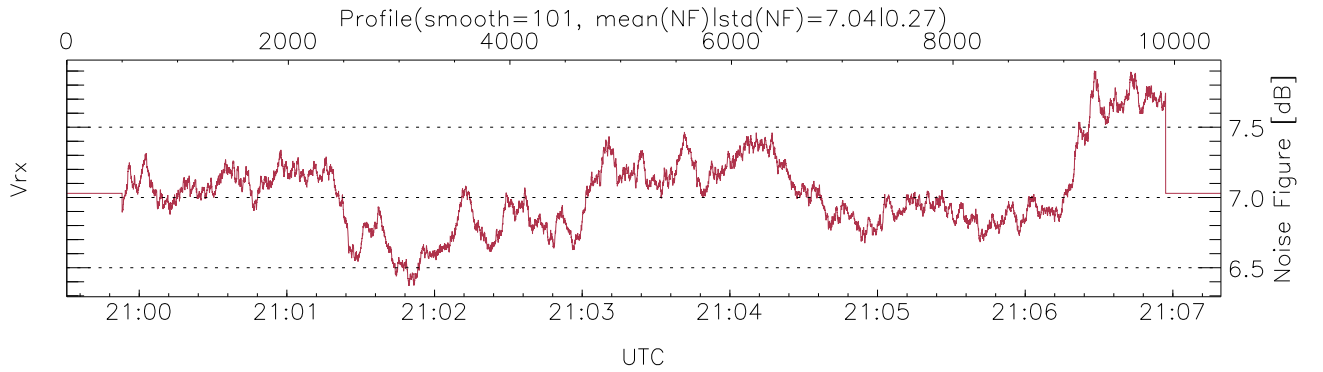
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:59:31-21:07:20, TimeCor: 0.00s, Dur: 468.97s
 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): 10420/10420, 0-10419/20:59:31-21:07:20
 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



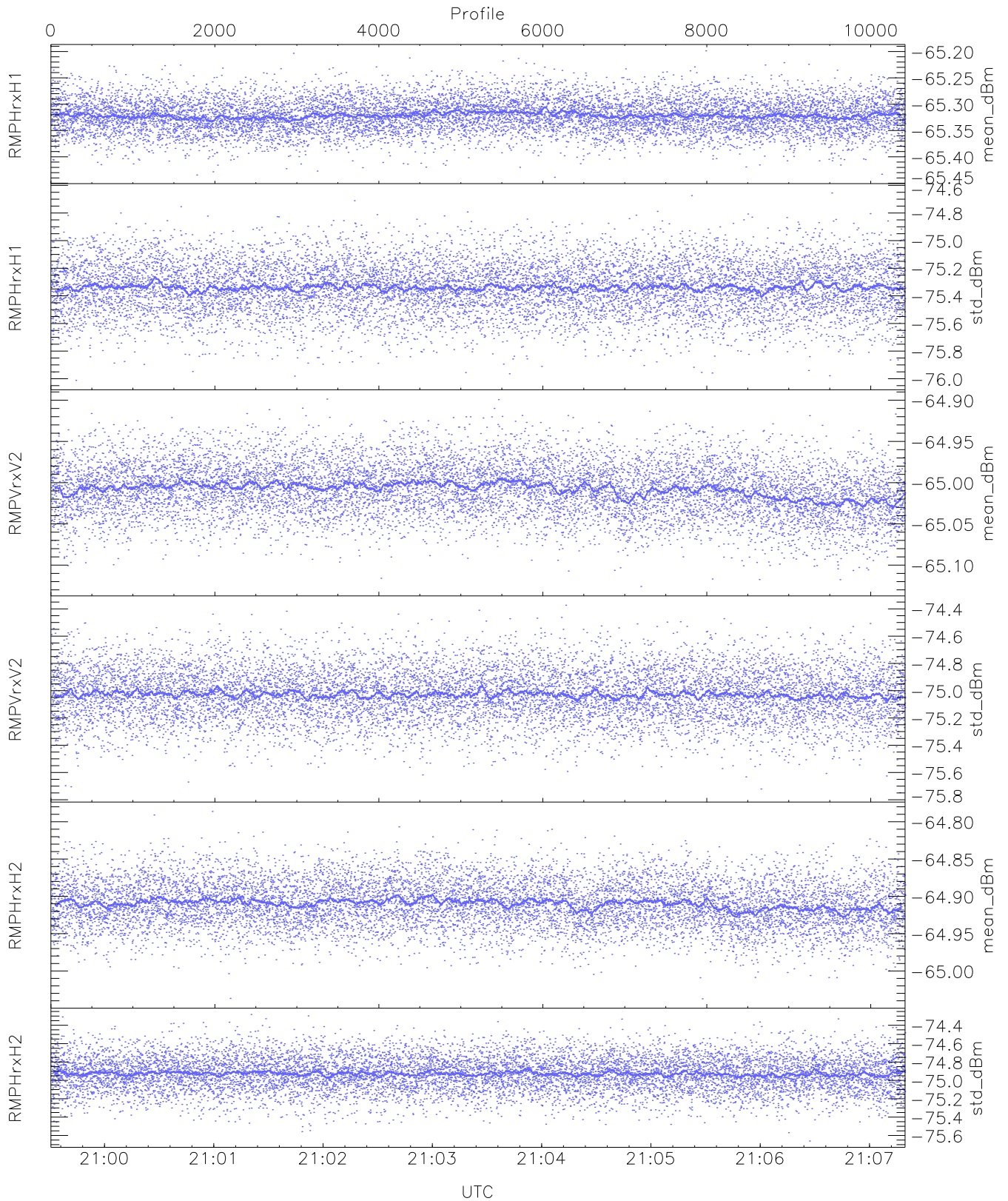
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



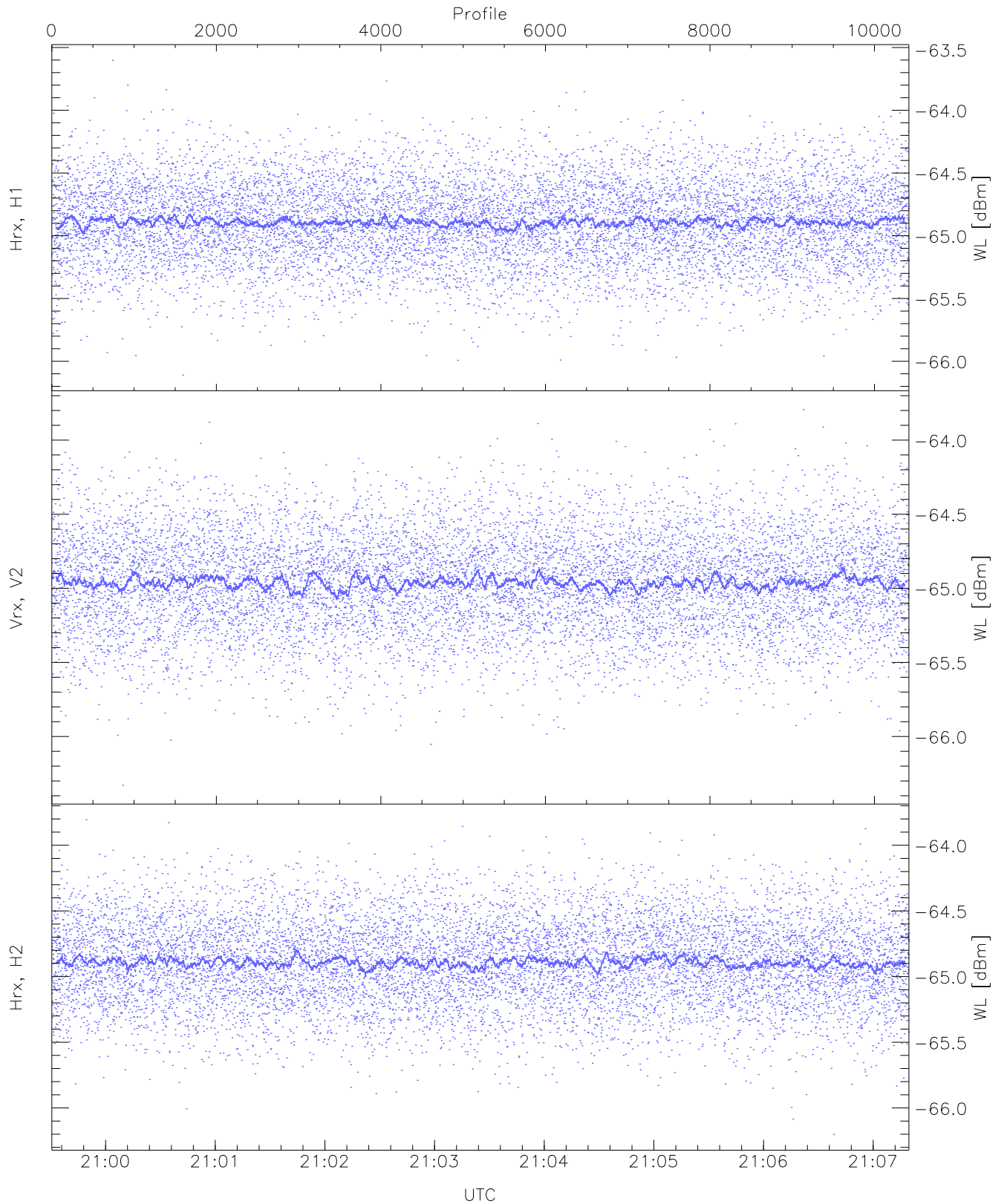
WCR3 CPP Receivers Gain and Noise Figure

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



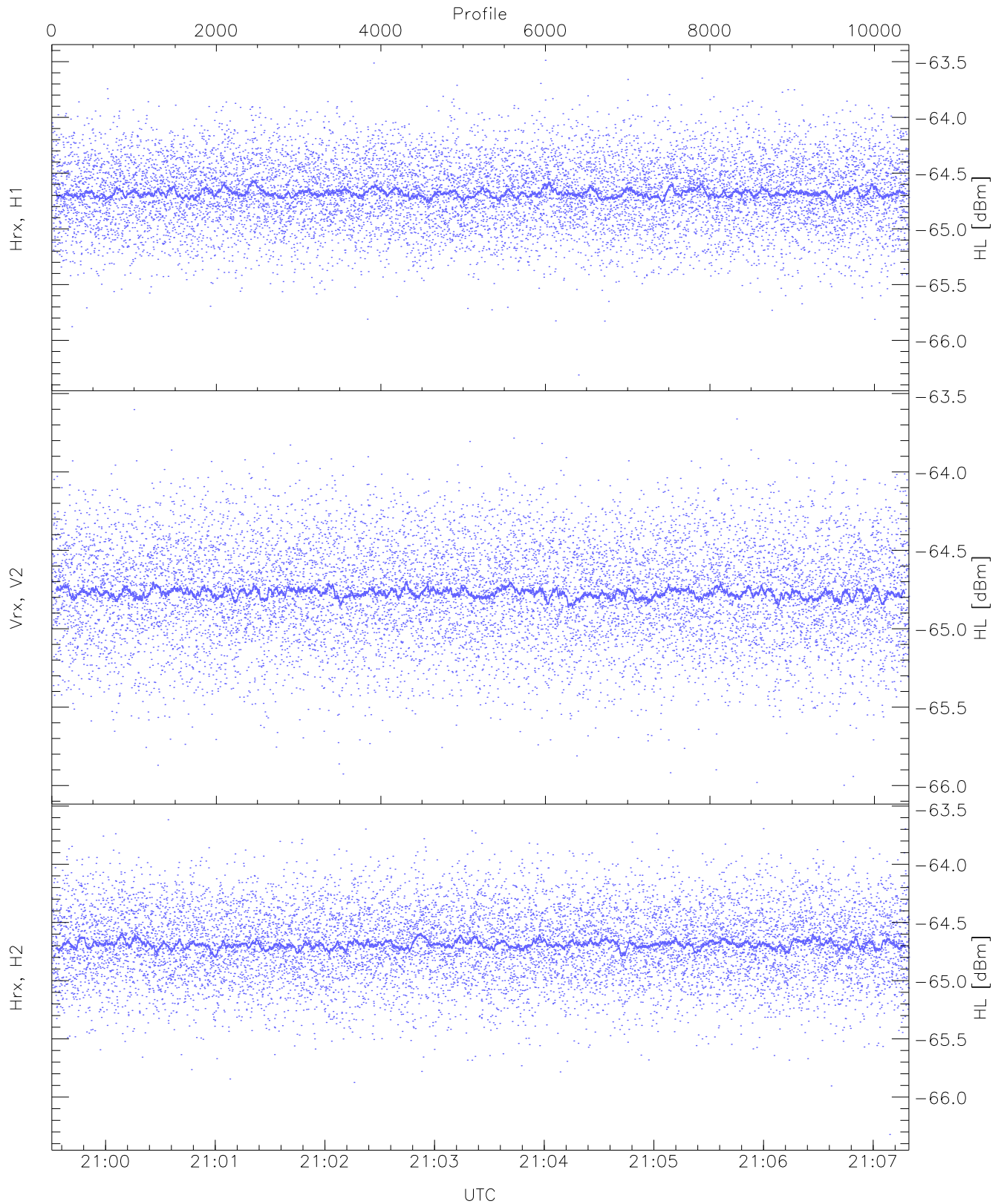
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.20	-65.32	-65.32	-86.92
RMPHrxH1(std_dBm)	-76.01	-74.66	-75.34	-75.34	-89.15
RMPVrxV2(mean_dBm)	-65.13	-64.90	-65.01	-65.01	-86.48
RMPVrxV2(std_dBm)	-75.75	-74.37	-75.03	-75.03	-88.80
RMPHrxH2(mean_dBm)	-65.04	-64.79	-64.91	-64.91	-86.50
RMPHrxH2(std_dBm)	-75.66	-74.28	-74.93	-74.93	-88.74



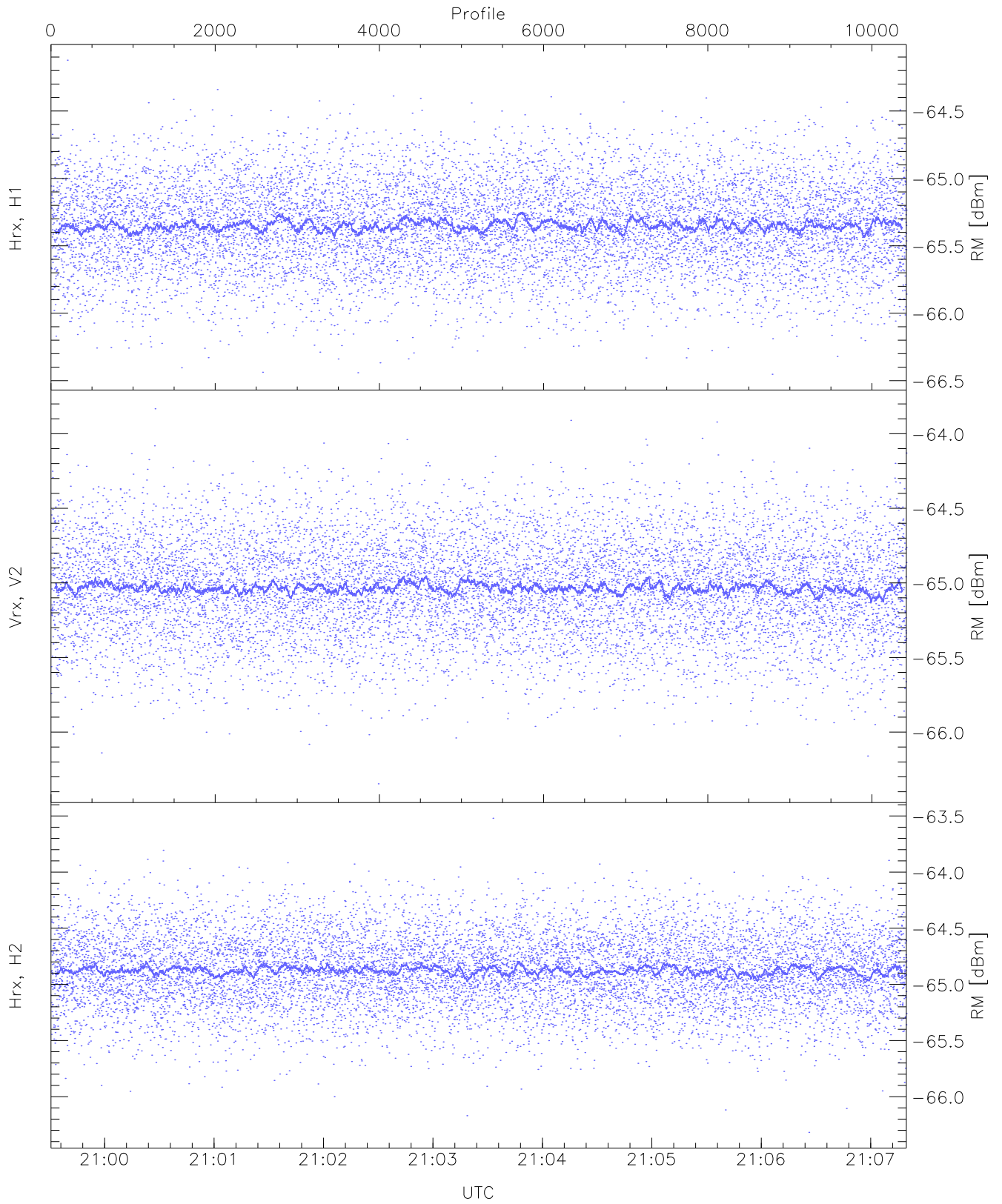
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.11	-63.60	-64.88	-64.89	-76.37
Vrx, V2 (WL [dBm])	-66.33	-63.79	-64.95	-64.96	-76.41
Hrx, H2 (WL [dBm])	-66.20	-63.81	-64.88	-64.90	-76.40



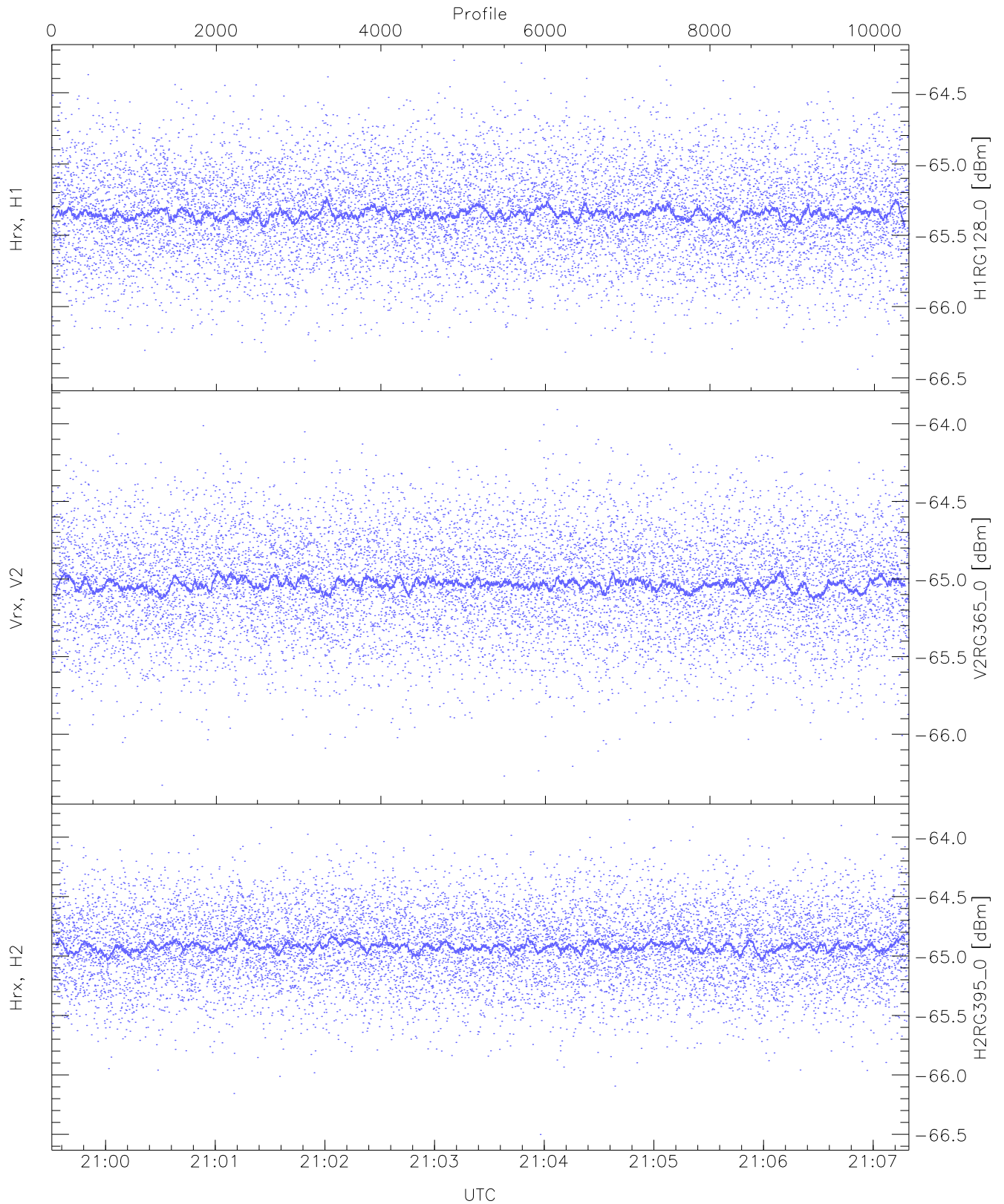
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.31	-63.49	-64.67	-64.68	-76.17
Vrx, V2 (HL [dBm])	-66.00	-63.60	-64.76	-64.77	-76.25
Hrx, H2 (HL [dBm])	-66.32	-63.62	-64.68	-64.69	-76.19



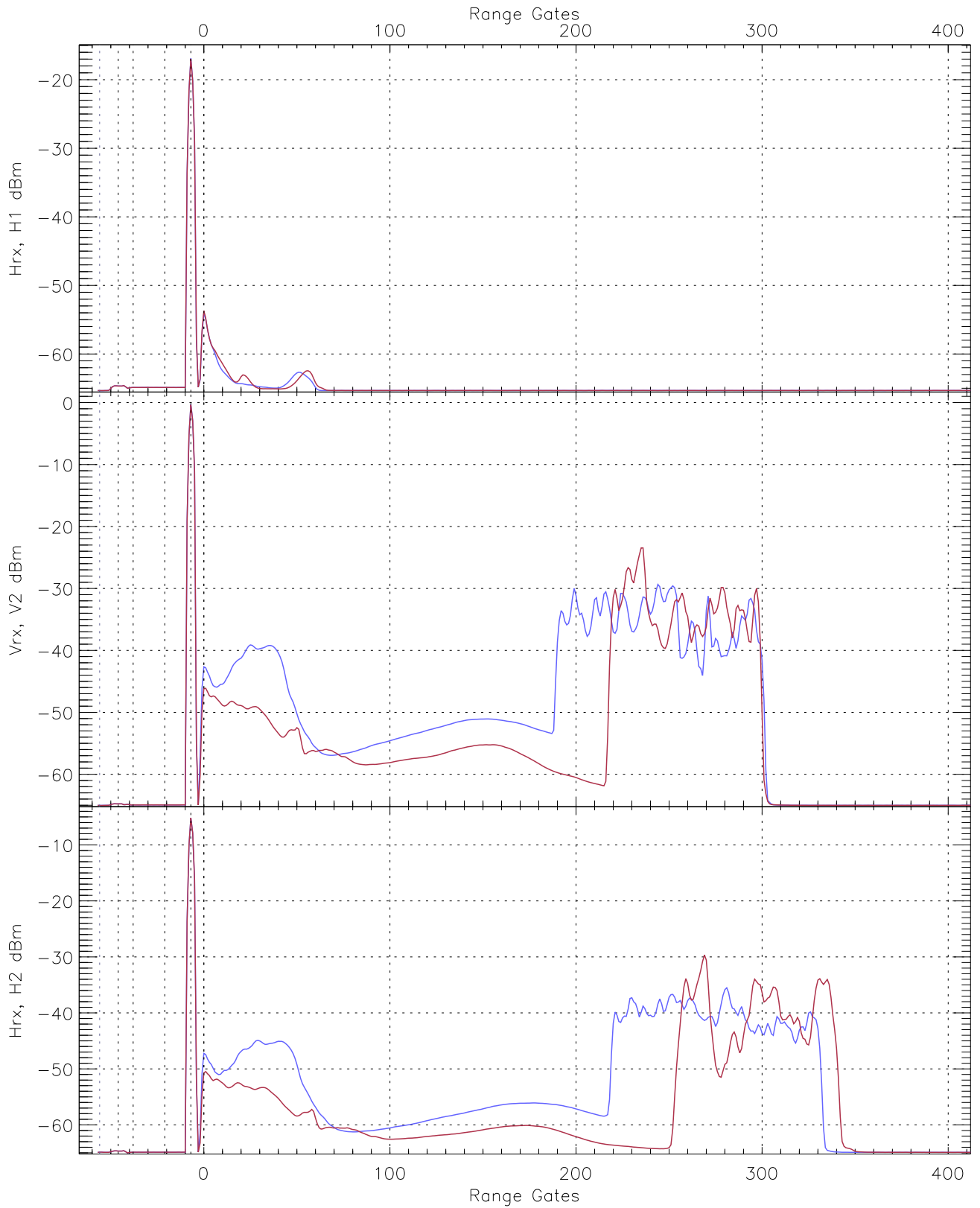
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.45	-64.12	-65.34	-65.35	-76.85
Vrx, V2 (RM [dBm])	-66.35	-63.83	-65.03	-65.03	-76.51
Hrx, H2 (RM [dBm])	-66.32	-63.52	-64.87	-64.88	-76.38

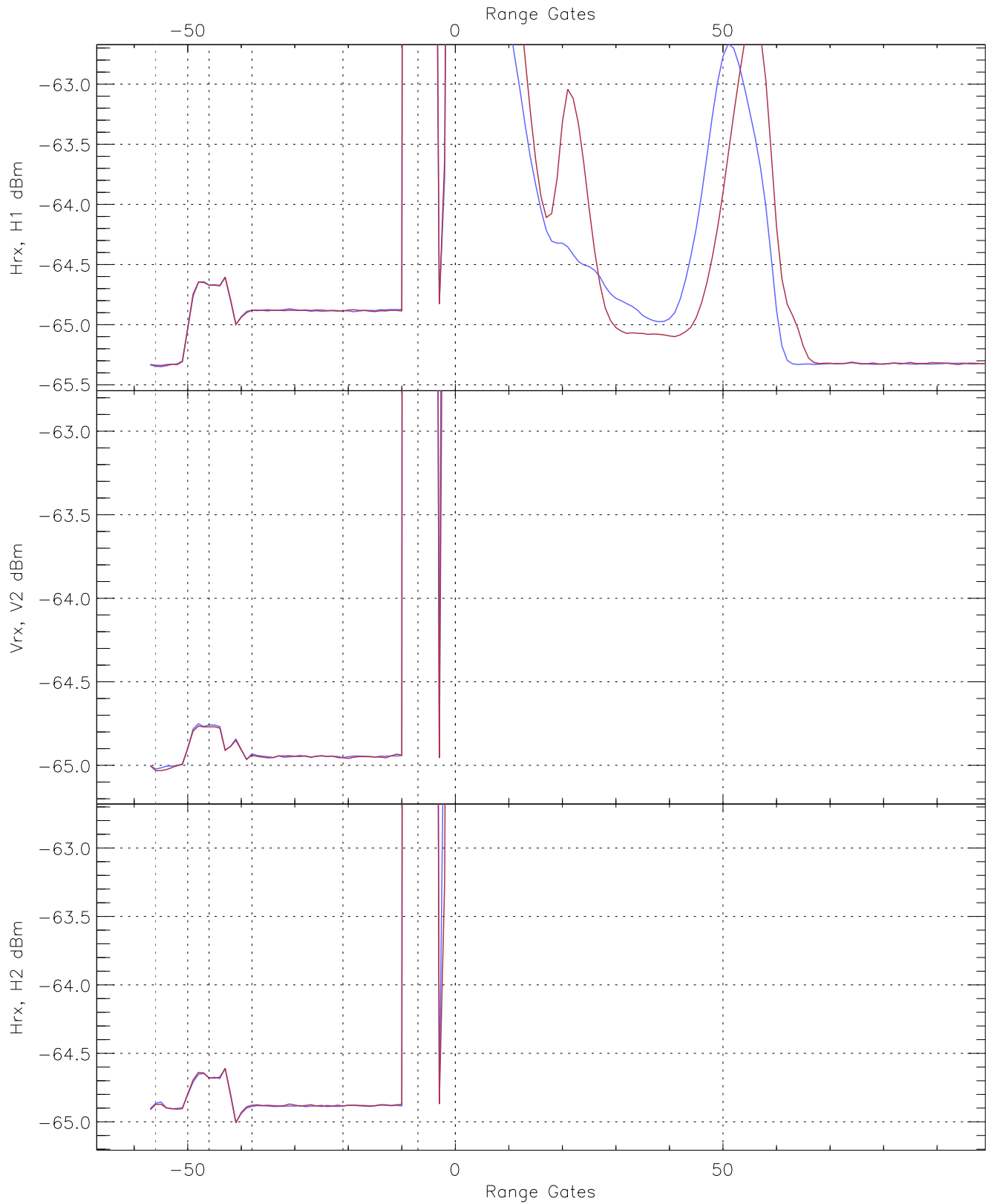


WCR3 CPP "Best" estimate Receivers Noise Power

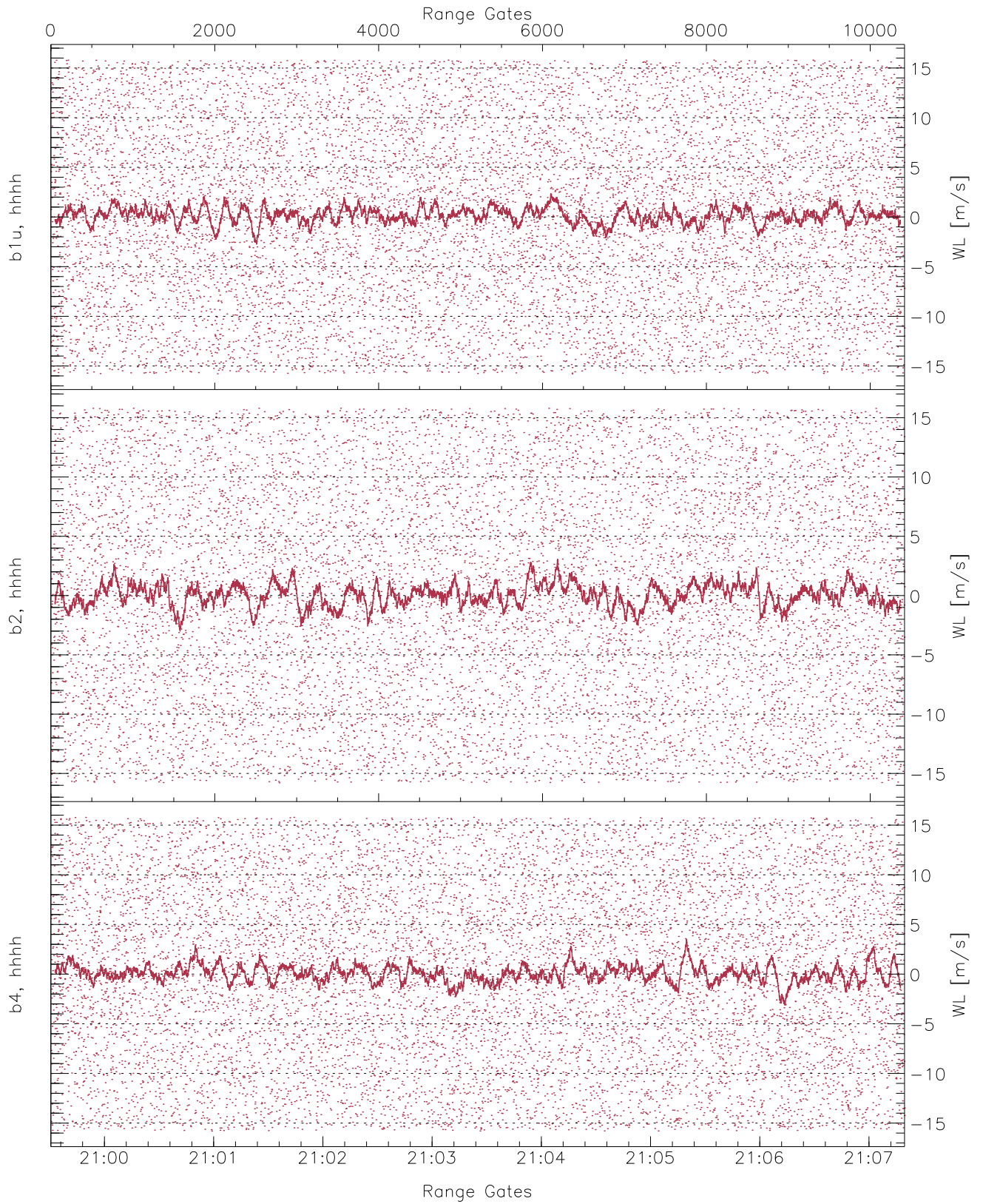
	Min	Max	Mean	Median	StDev
H1RG128_0 [dBm]	-66.48	-64.27	-65.34	-65.35	-76.83
V2RG365_0 [dBm]	-66.33	-63.91	-65.03	-65.03	-76.52
H2RG395_0 [dBm]	-66.50	-63.85	-64.91	-64.92	-76.41



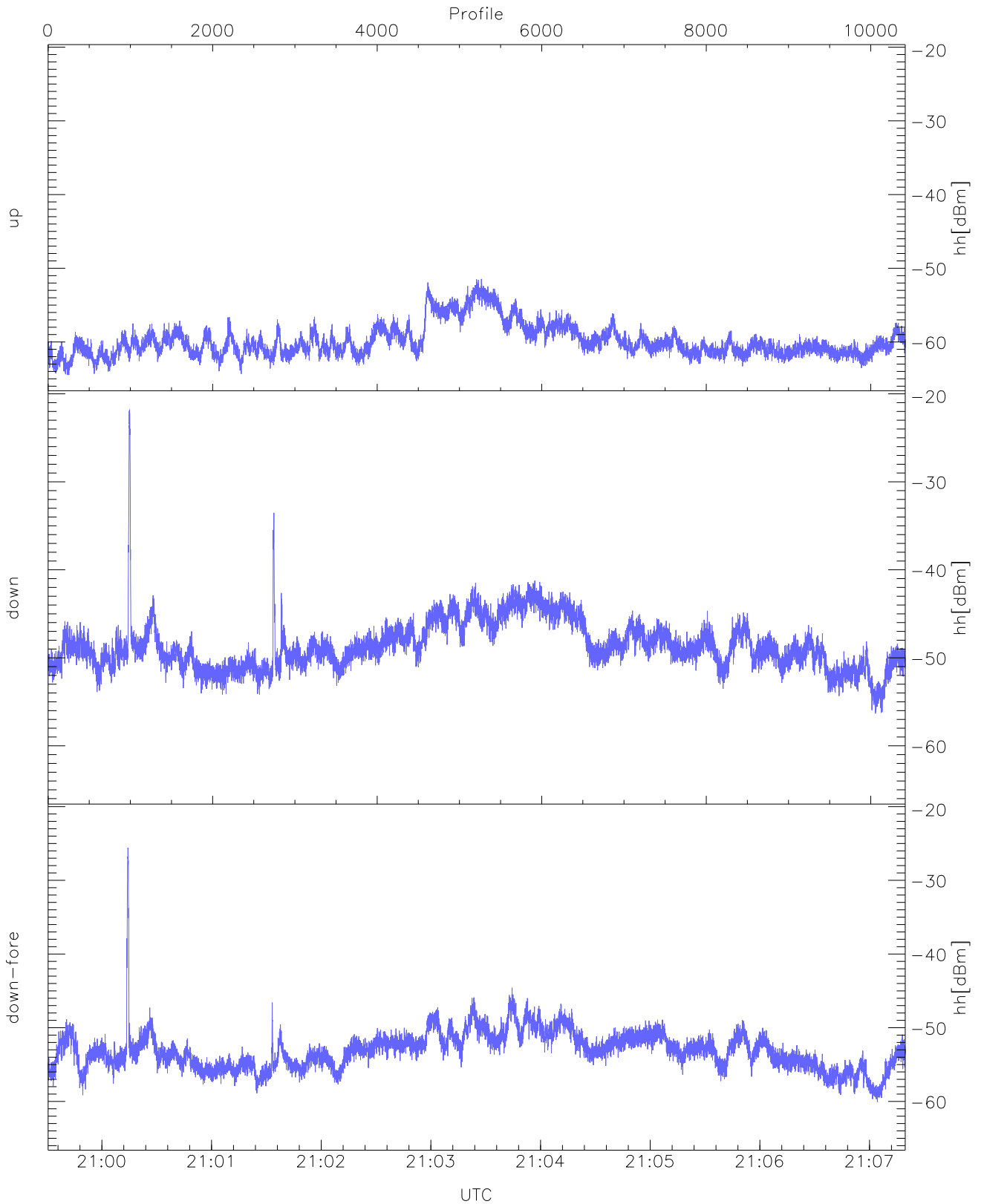
WCR3 CPP Averaged Received power for all recorded gates
blue: 205931-210325, 5211 profiles averaged
red: 210325-210720, 5210 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 205931-210325, 5211 profiles averaged
red: 210325-210720, 5210 profiles averaged

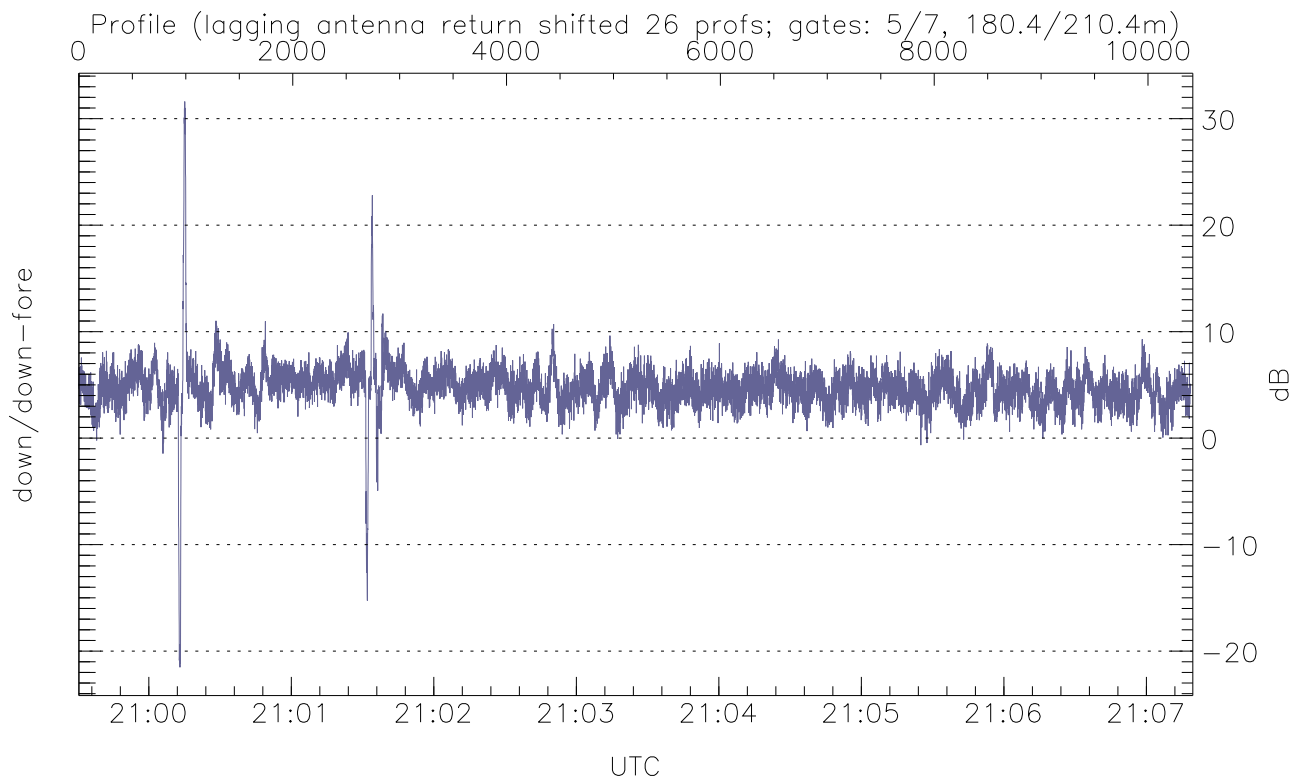
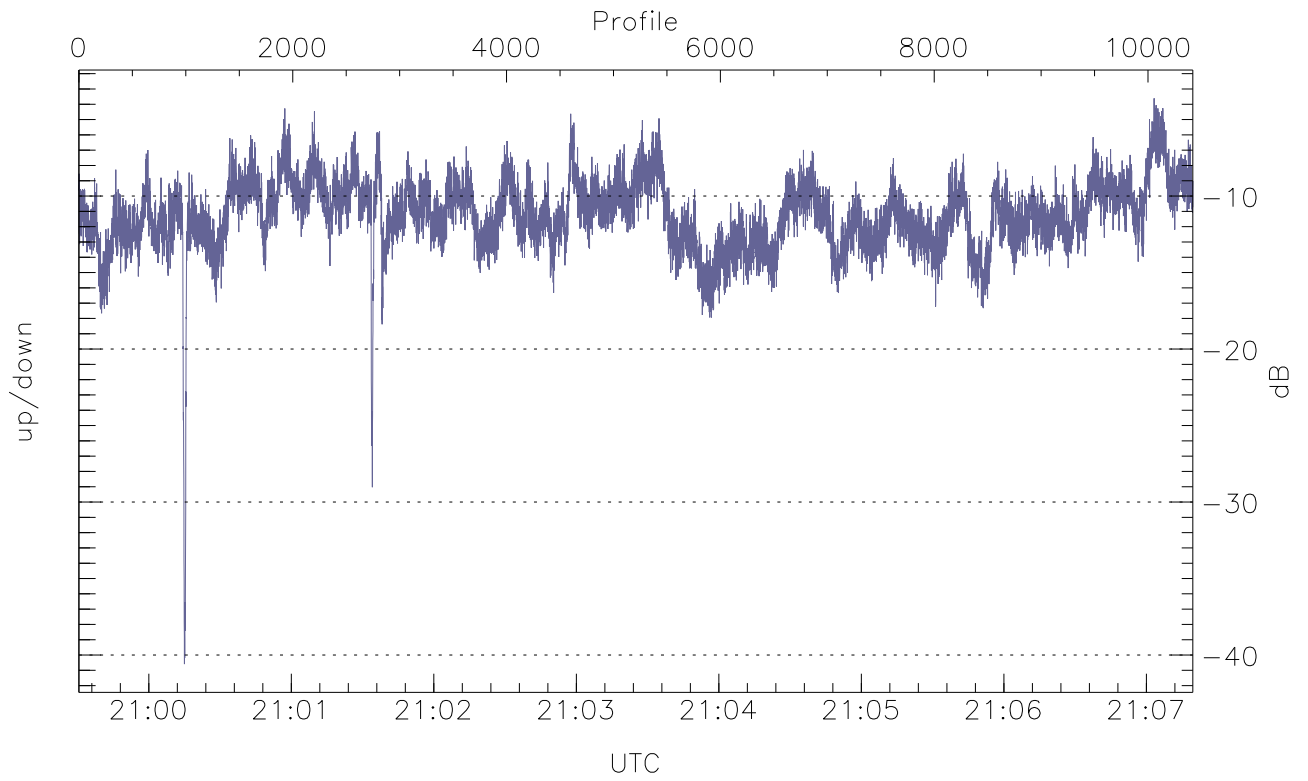


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



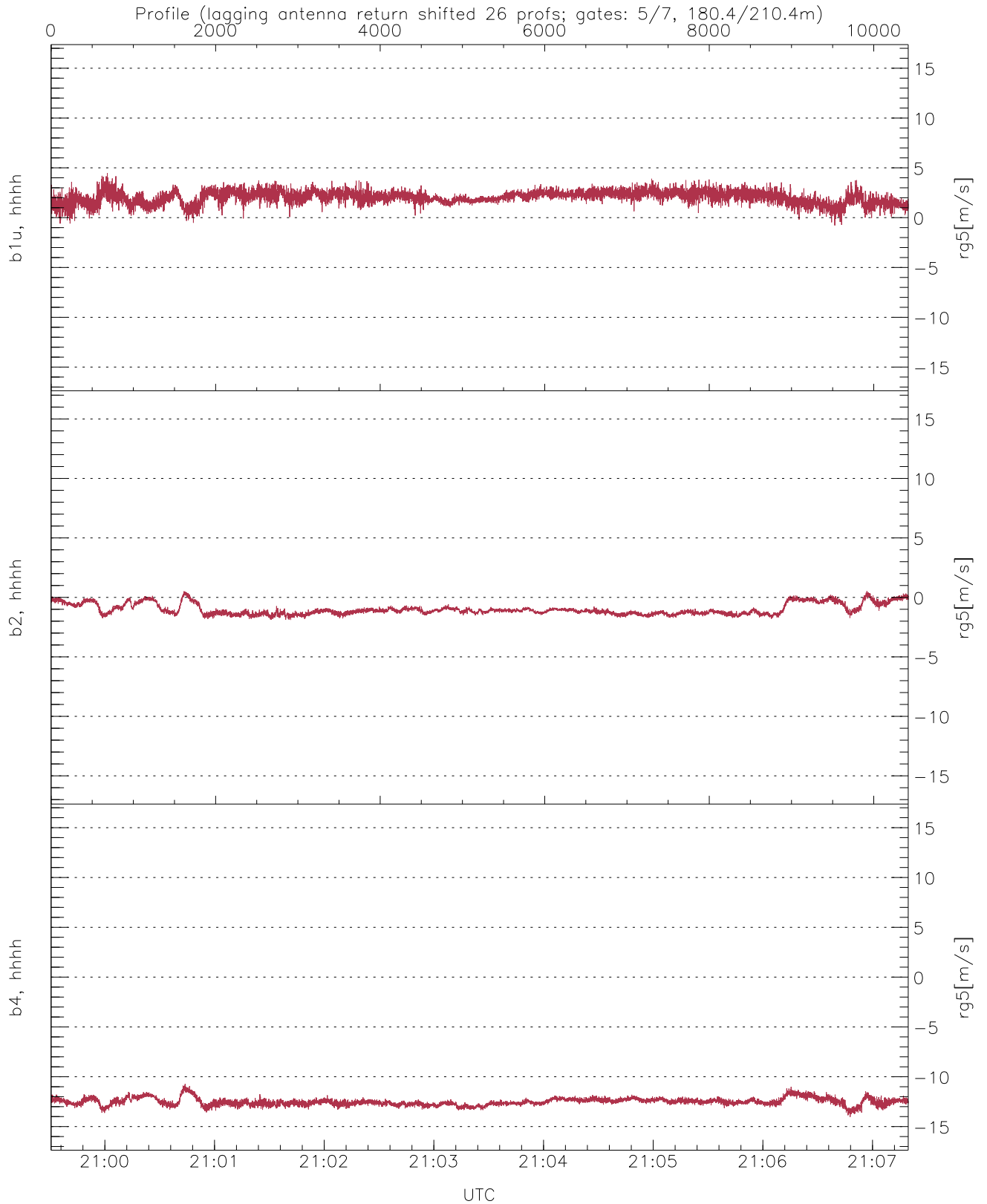
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.48	-51.46	-59.21
down(hh[dBm])	-56.33	-21.78	-46.43
down-fore(hh[dBm])	-60.08	-25.60	-50.85



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

	Min	Max	Mean
up/down (dB)	-40.59	-3.61	-11.26
down/down-fore (dB)	-21.52	31.61	4.75



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.78	4.47	2.03	0.63
b2, hhhh(rg5[m/s])	-1.89	0.54	-1.00	0.47
b4, hhhh(rg5[m/s])	-14.03	-10.71	-12.50	0.37