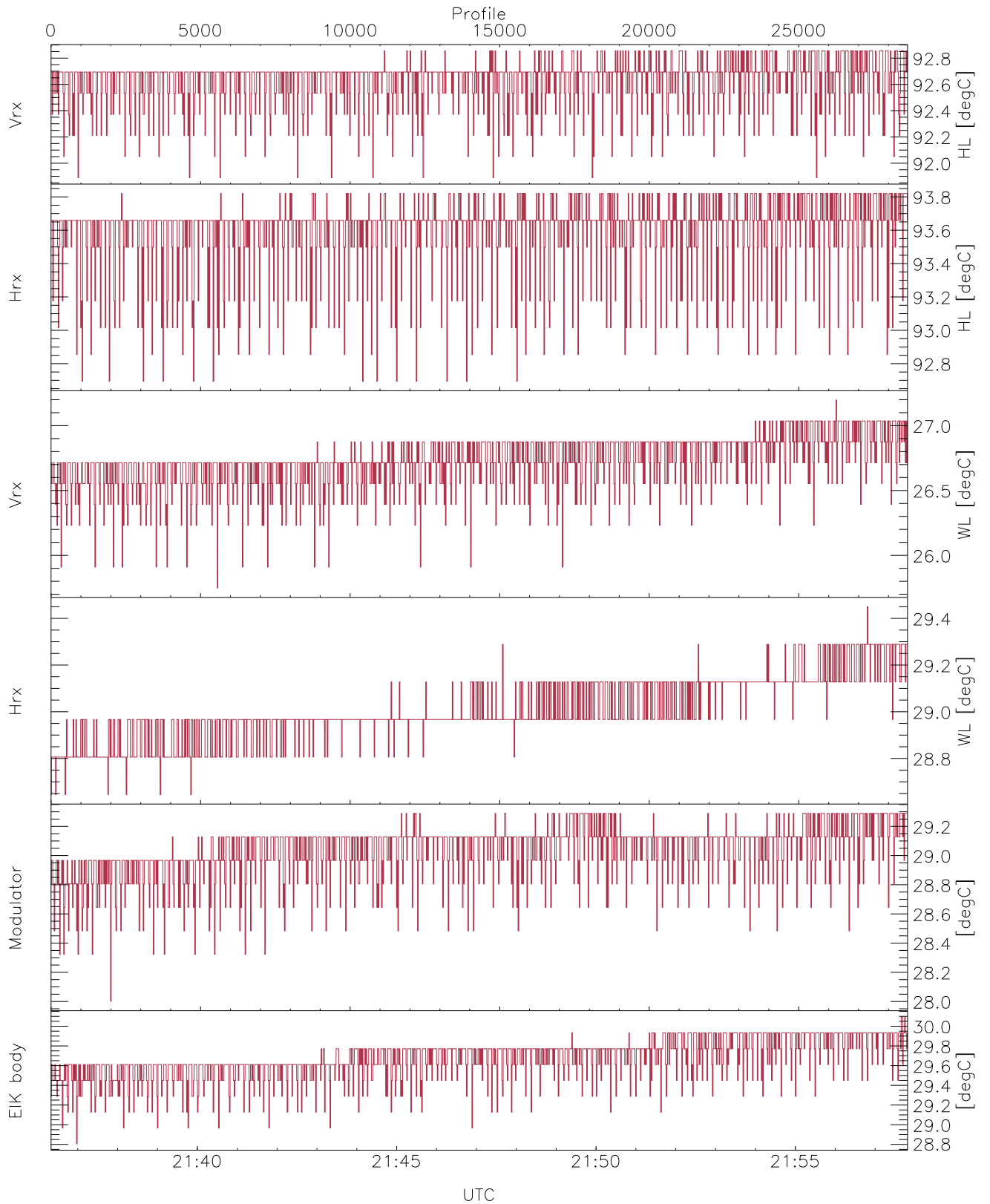


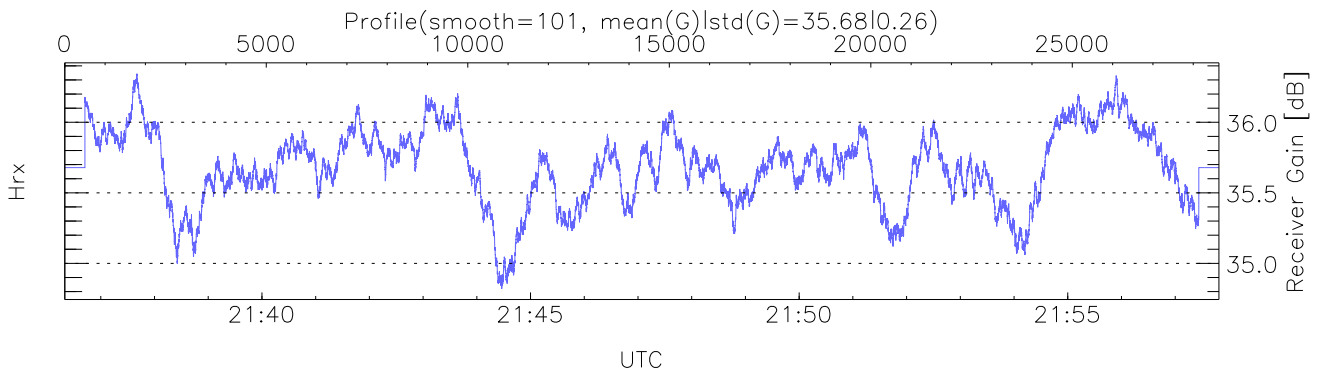
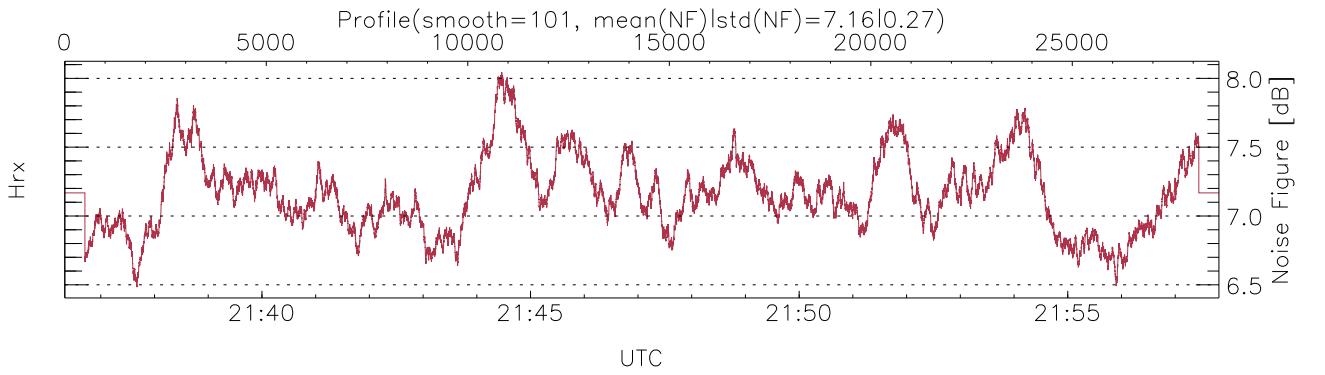
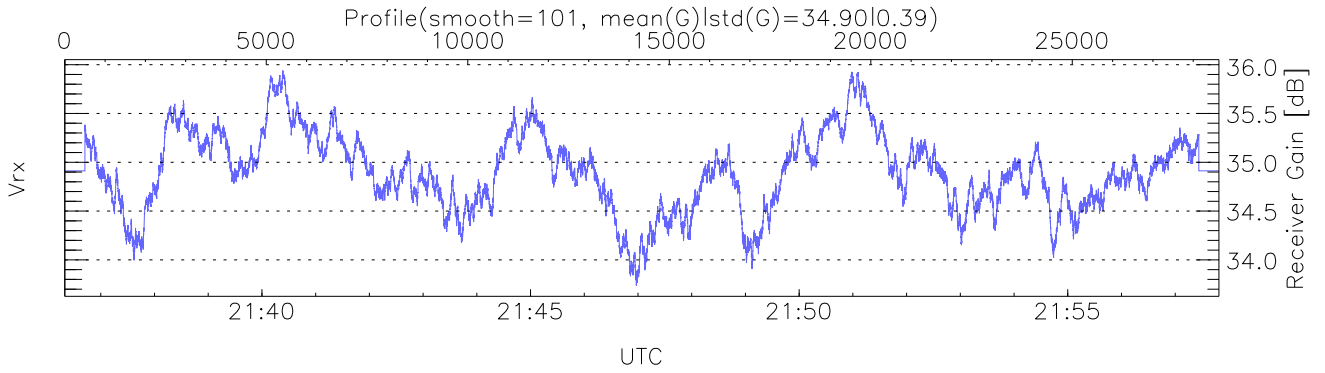
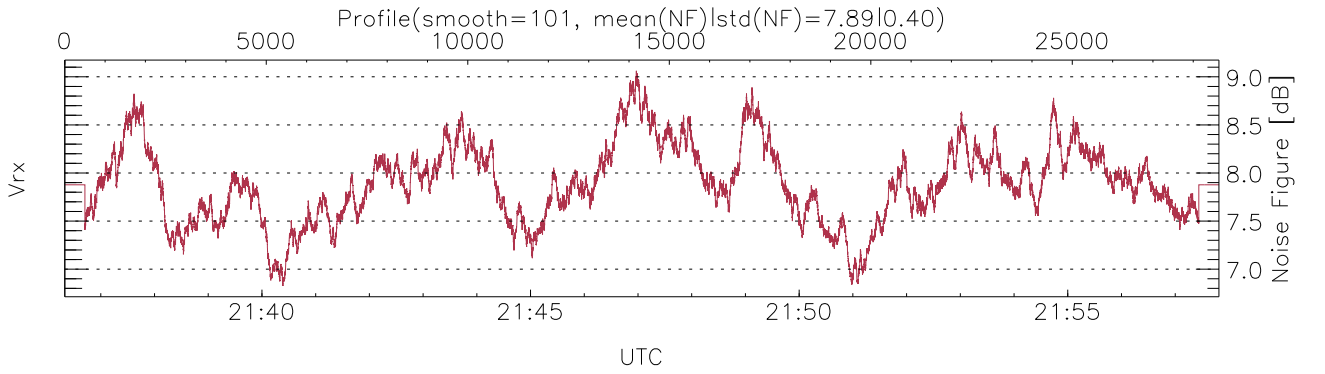
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:36:20-21:57:49, TimeCor: 0.00s, Dur: 1289.08s
 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): 28640/28640, 0-28639/21:36:20-21:57:49
 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



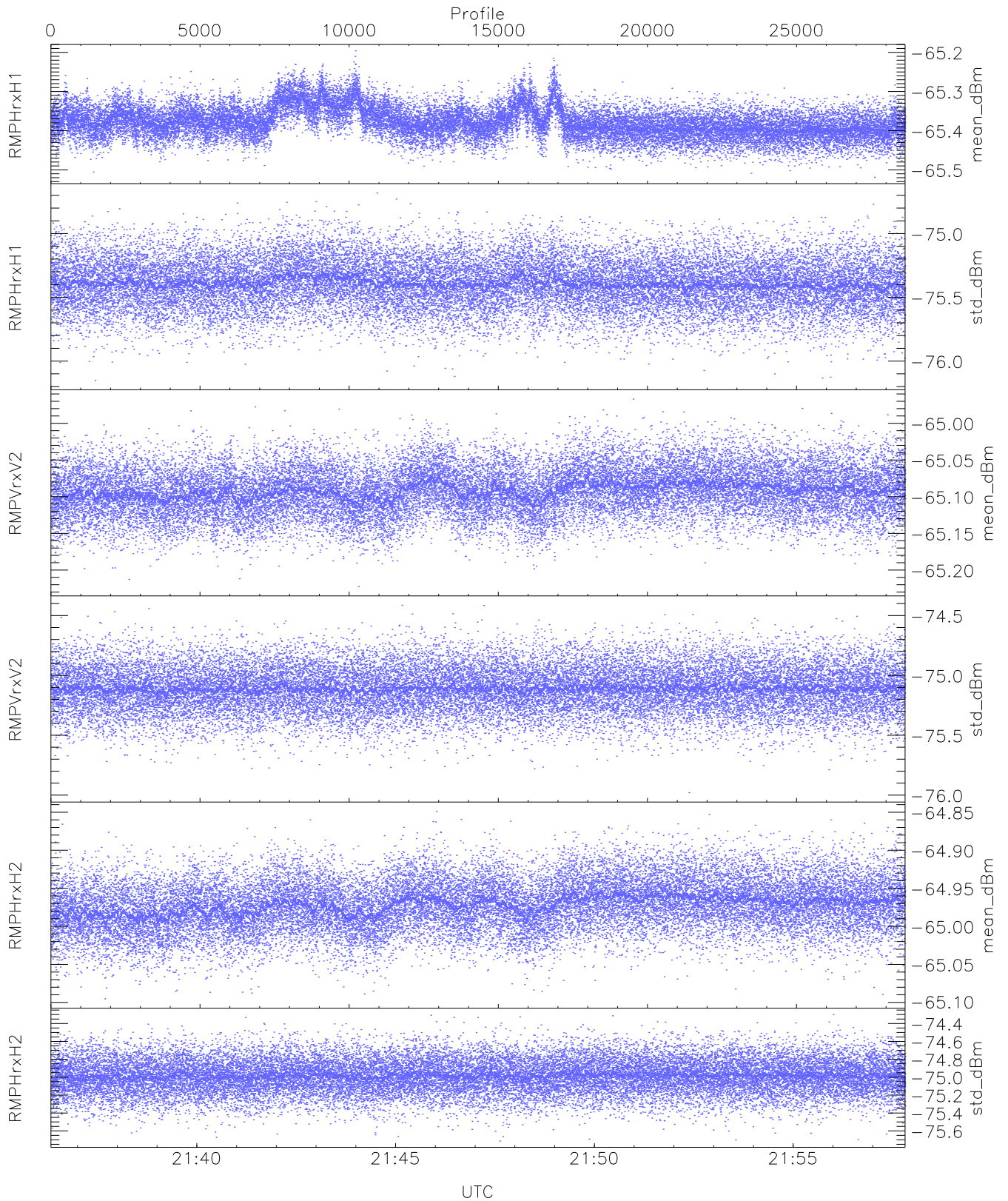
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,28,28`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,29,30`
`LOalarm(20,240,2817,14861 MHz): 0,0,90,0`
`EIK/Modulator Faults: None`



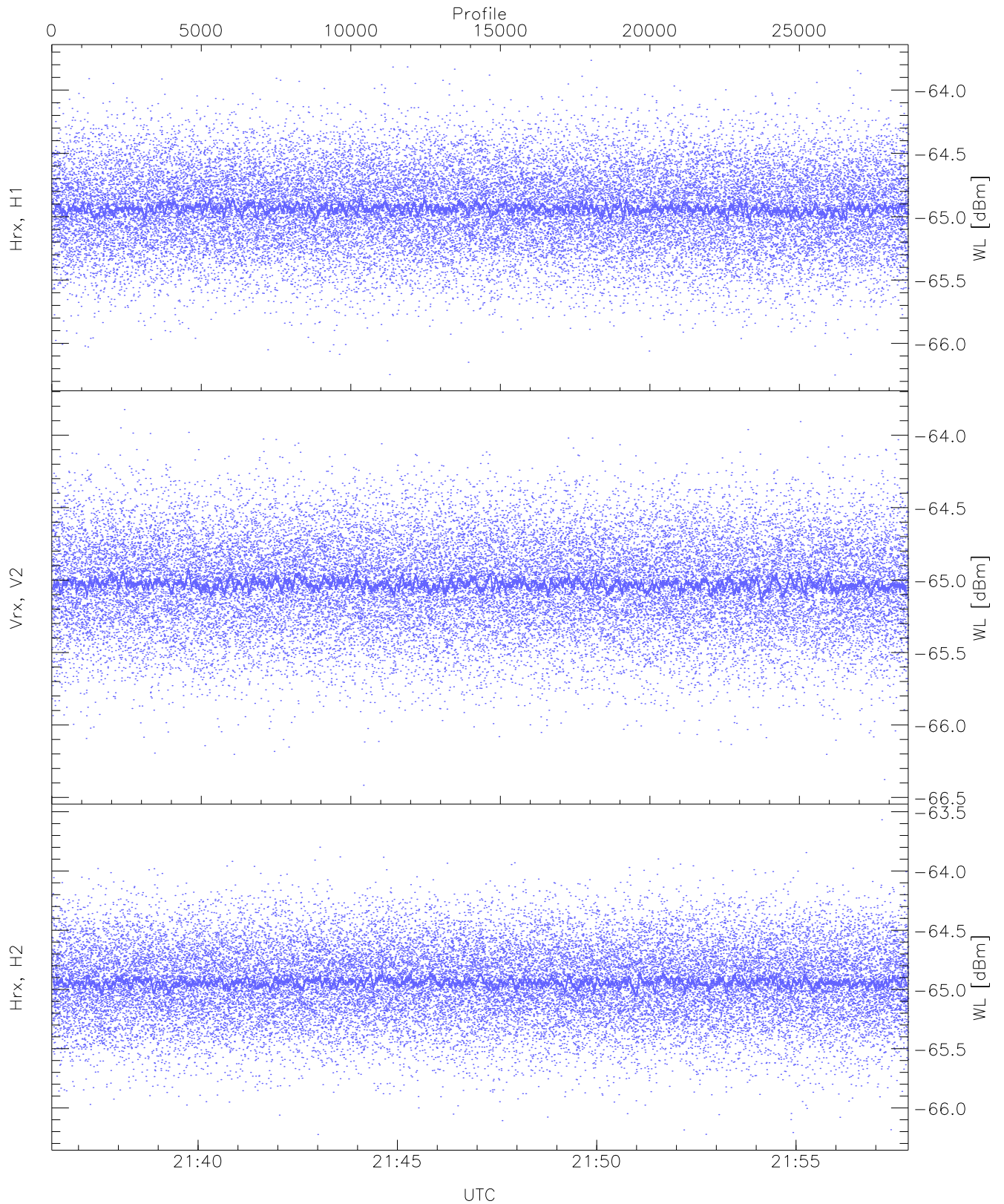
WCR3 CPP Receivers Gain and Noise Figure

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



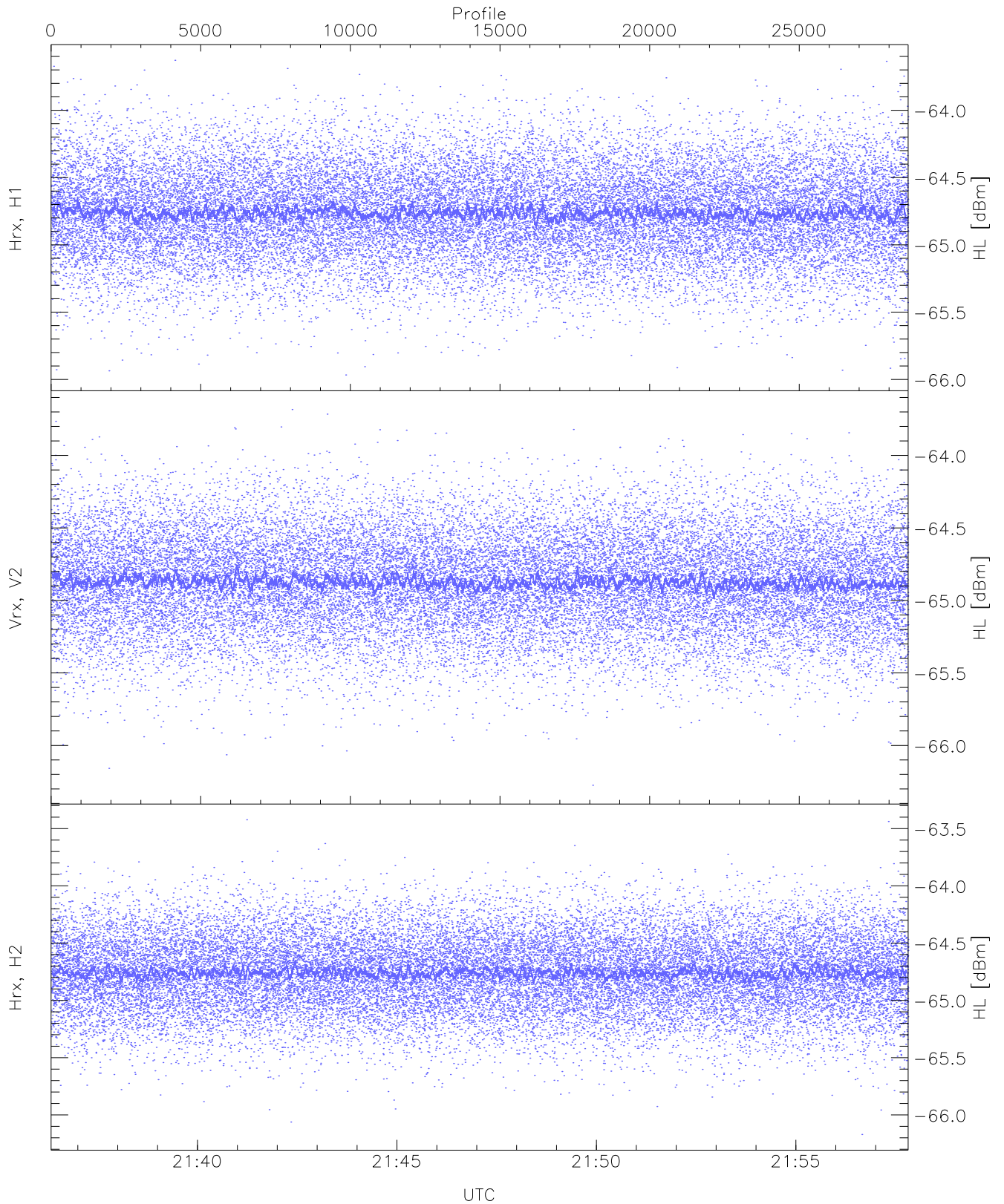
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.52	-65.20	-65.38	-65.38	-85.82
RMPHrxH1(std_dBm)	-76.15	-74.68	-75.39	-75.39	-89.13
RMPVrxV2(mean_dBm)	-65.22	-64.97	-65.09	-65.09	-86.55
RMPVrxV2(std_dBm)	-75.98	-74.41	-75.11	-75.11	-88.91
RMPHrxH2(mean_dBm)	-65.10	-64.85	-64.97	-64.97	-86.37
RMPHrxH2(std_dBm)	-75.71	-74.30	-74.99	-74.99	-88.78



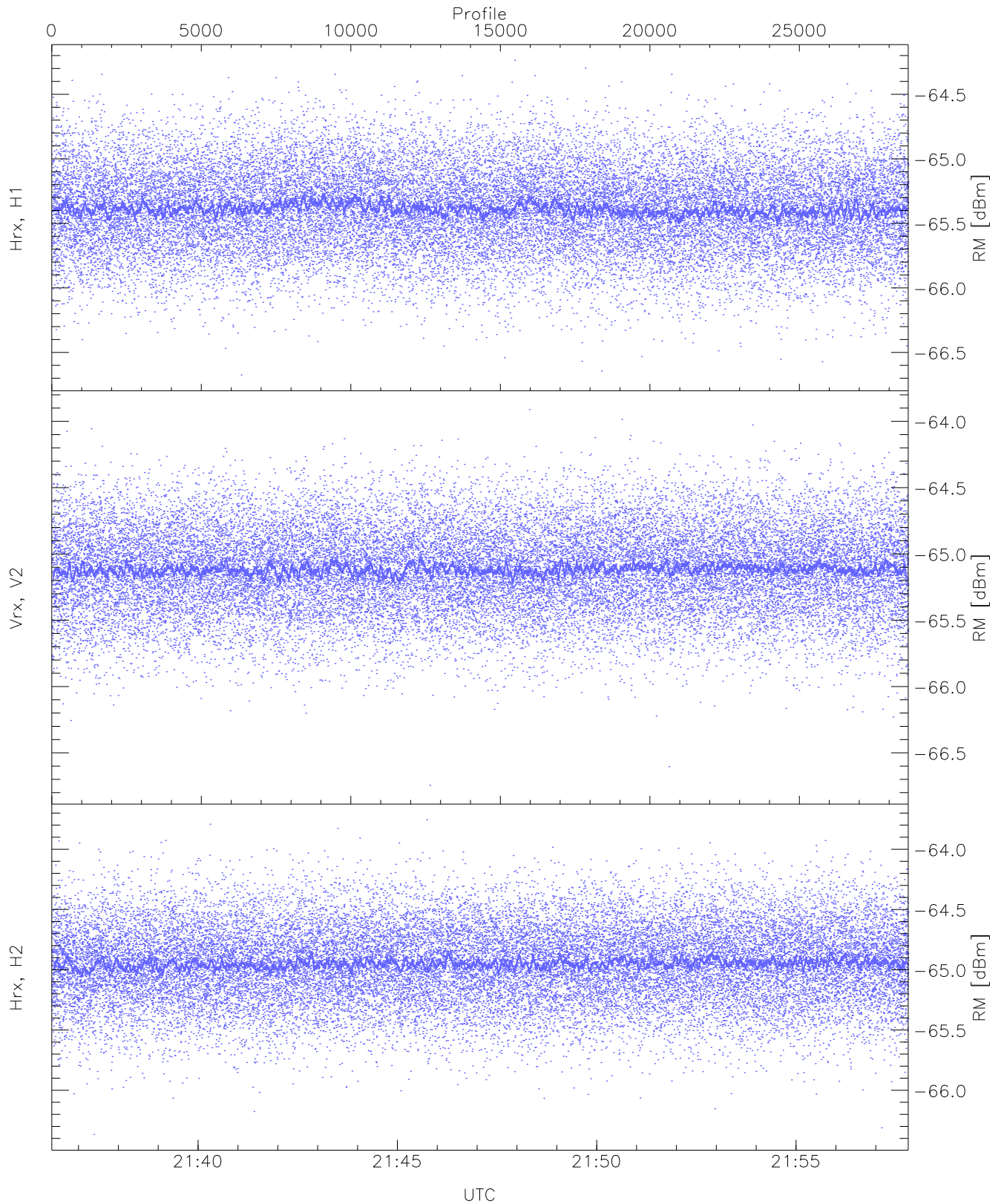
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.25	-63.77	-64.93	-64.94	-76.41
Vrx, V2 (WL [dBm])	-66.42	-63.82	-65.02	-65.03	-76.53
Hrx, H2 (WL [dBm])	-66.22	-63.57	-64.93	-64.94	-76.40



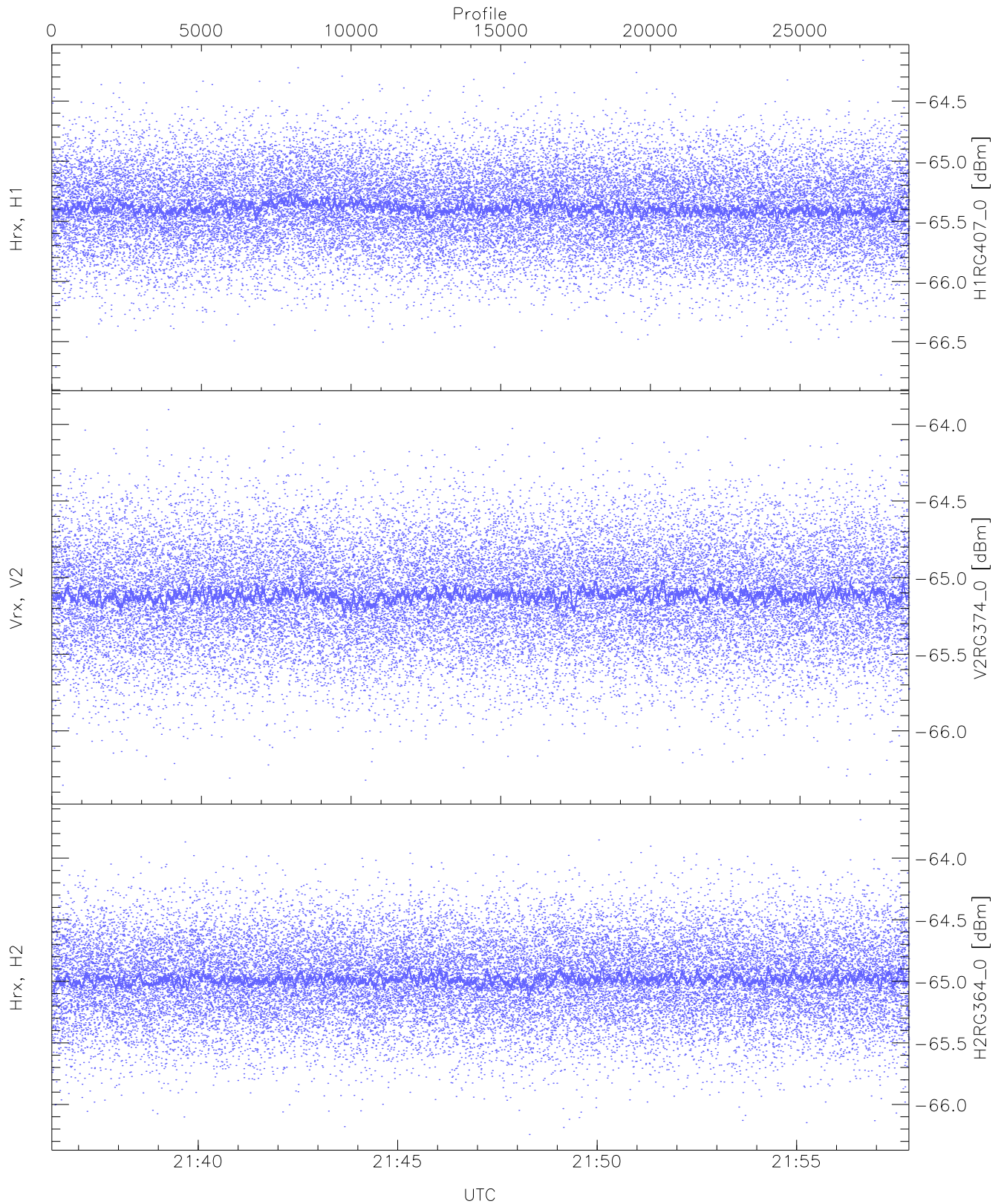
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.97	-63.63	-64.76	-64.76	-76.26
Vrx, V2 (HL [dBm])	-66.27	-63.68	-64.87	-64.87	-76.39
Hrx, H2 (HL [dBm])	-66.17	-63.42	-64.75	-64.76	-76.27



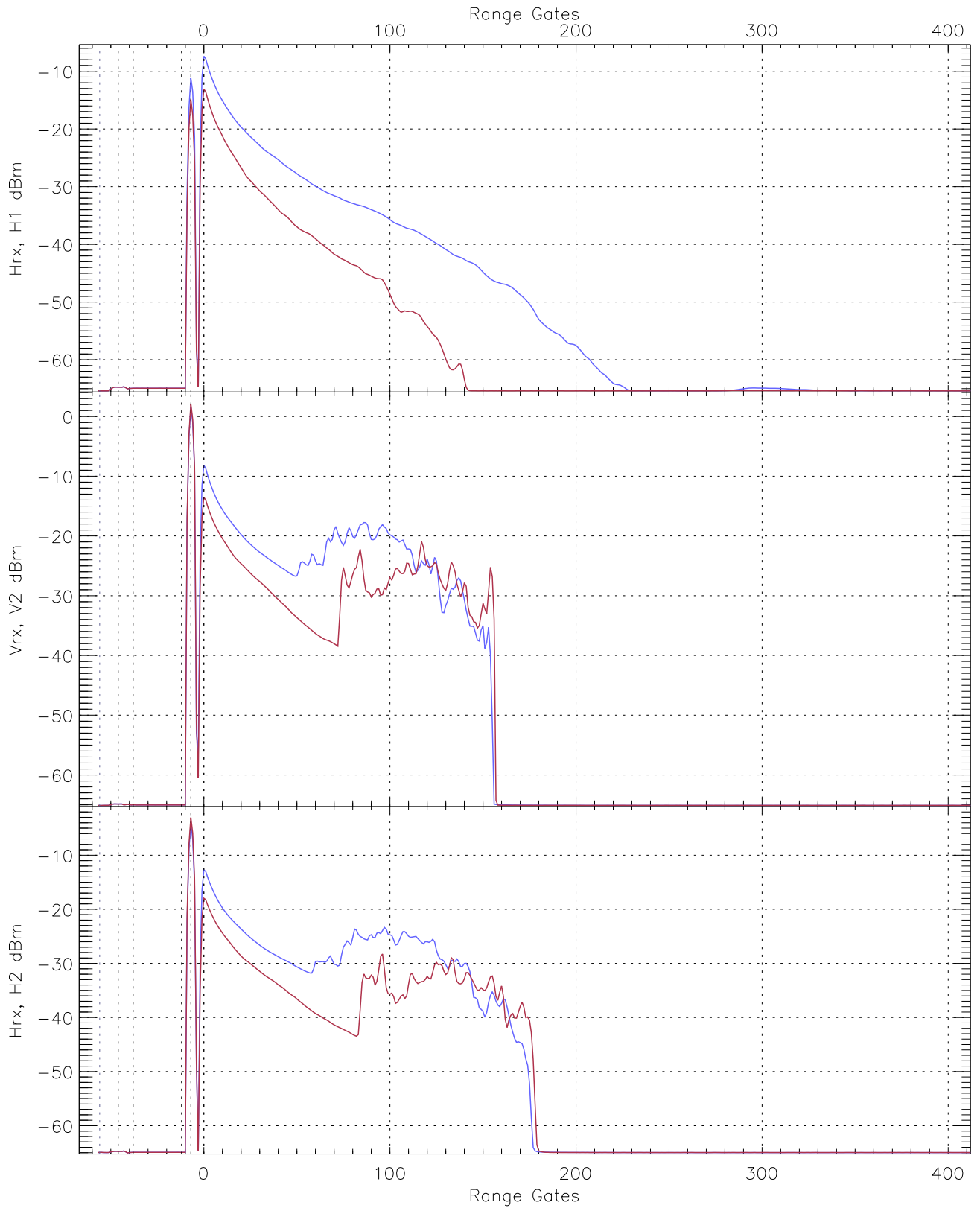
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.68	-64.24	-65.38	-65.39	-76.87
Vrx, V2 (RM [dBm])	-66.74	-63.91	-65.11	-65.12	-76.63
Hrx, H2 (RM [dBm])	-66.37	-63.76	-64.94	-64.95	-76.46

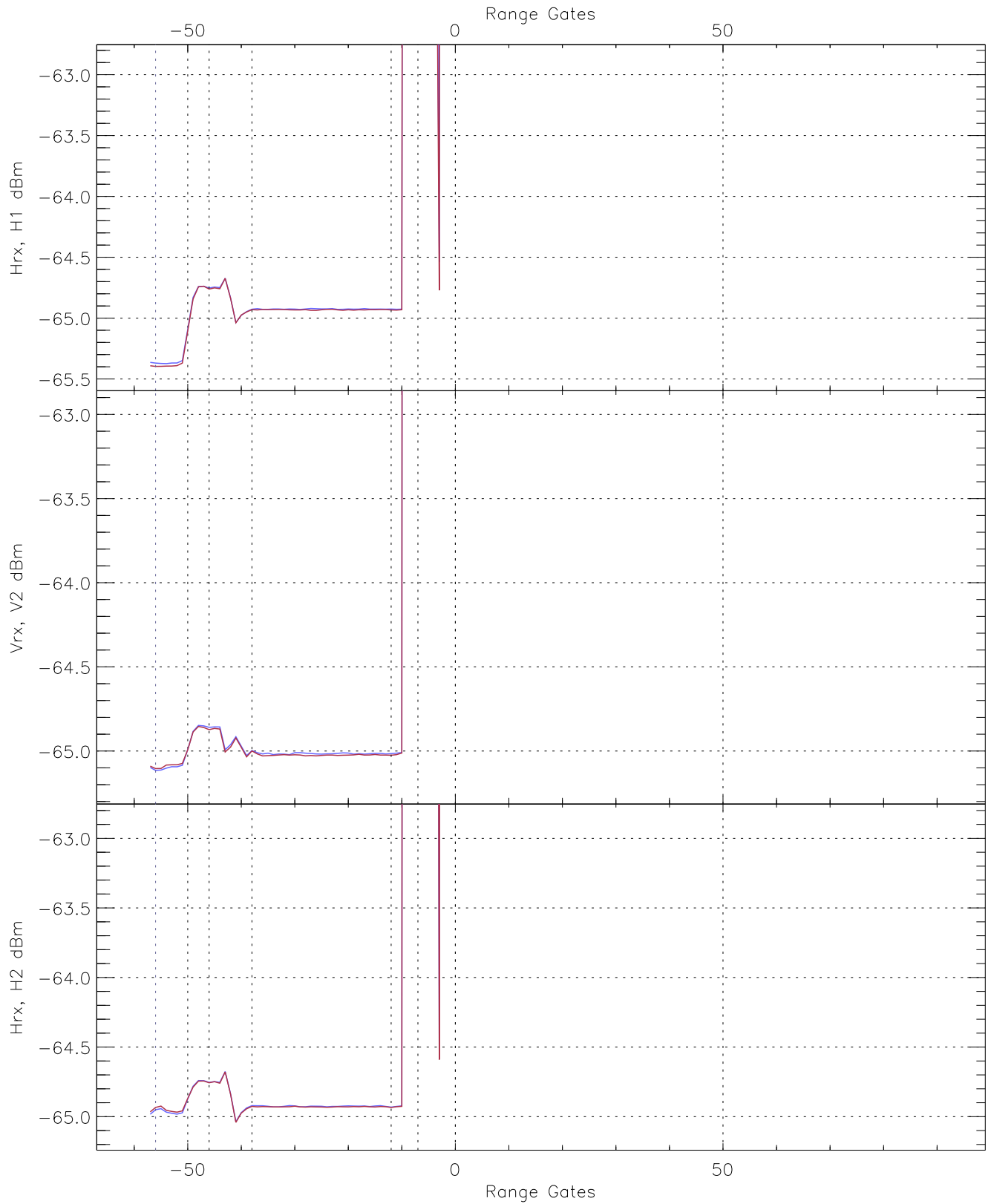


WCR3 CPP "Best" estimate Receivers Noise Power

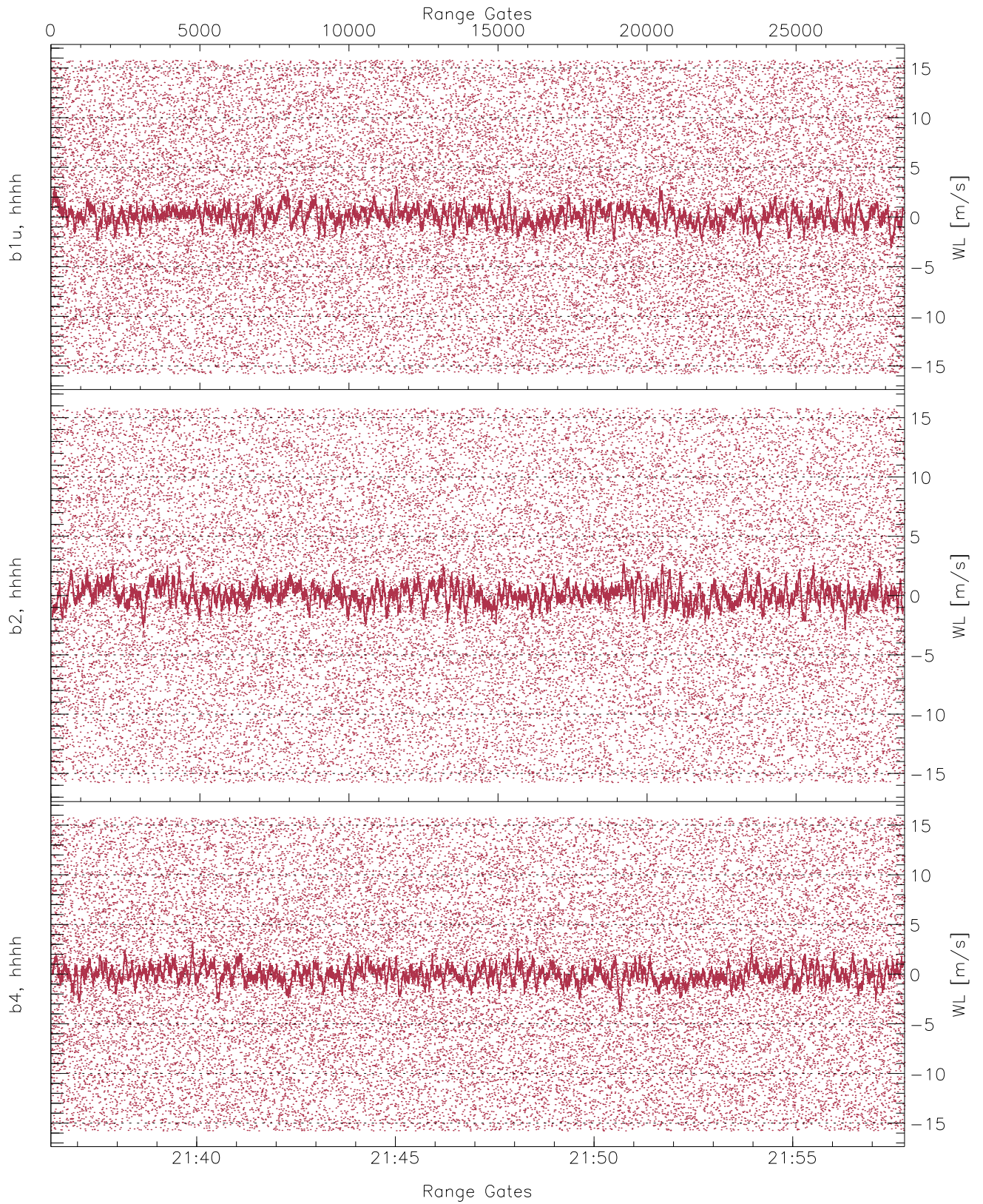
	Min	Max	Mean	Median	StDev
H1RG407_0 [dBm]	-66.78	-64.16	-65.38	-65.39	-76.89
V2RG374_0 [dBm]	-66.35	-63.90	-65.11	-65.12	-76.62
H2RG364_0 [dBm]	-66.24	-63.69	-64.98	-64.98	-76.44



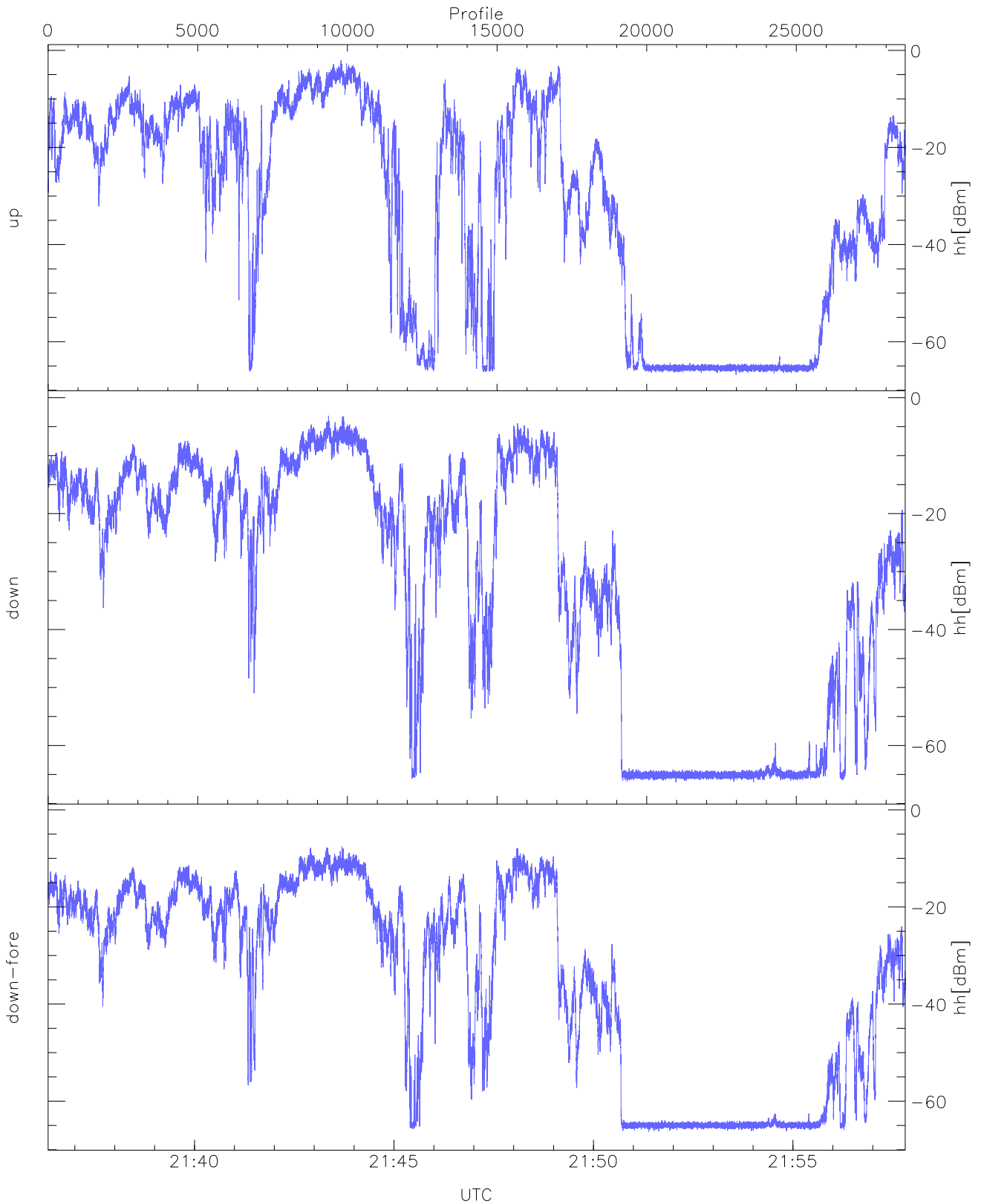
WCR3 CPP Averaged Received power for all recorded gates
blue: 213620-214704, 14321 profiles averaged
red: 214704-215749, 14320 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 213620-214704, 14321 profiles averaged
red: 214704-215749, 14320 profiles averaged

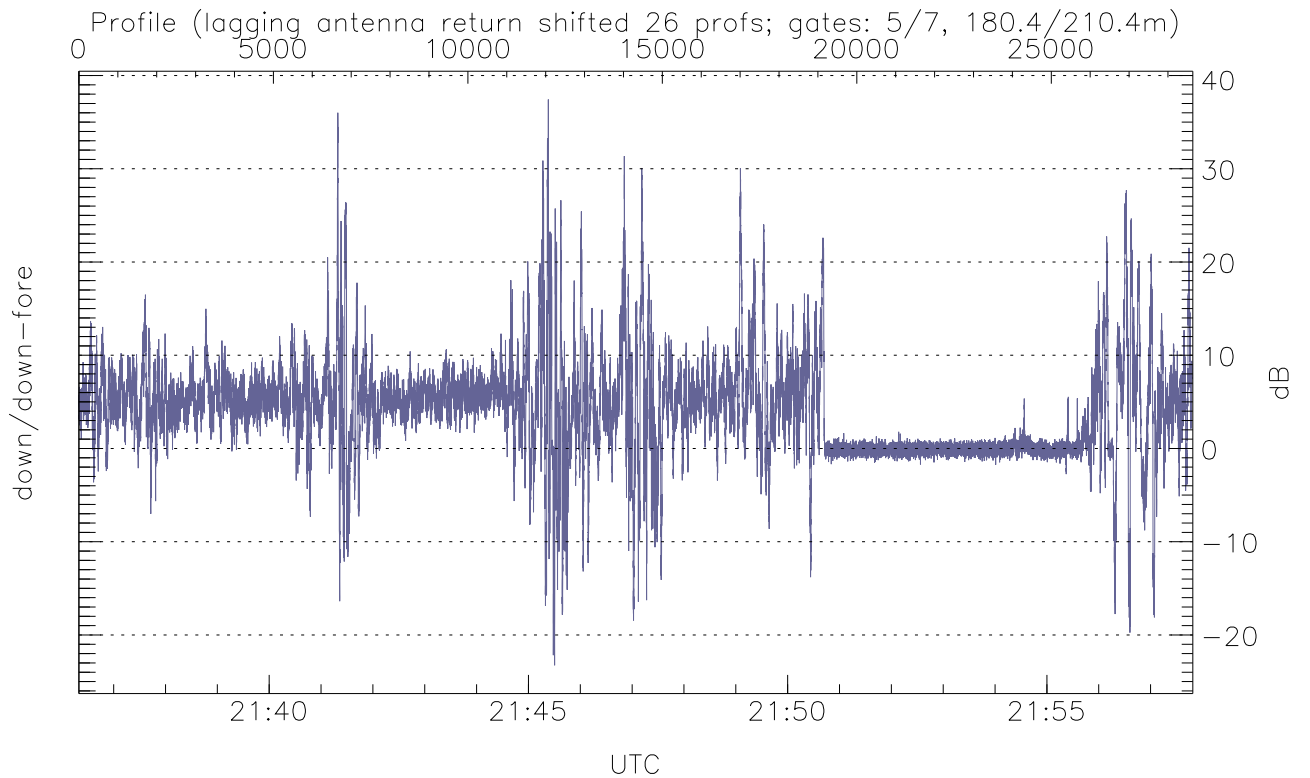
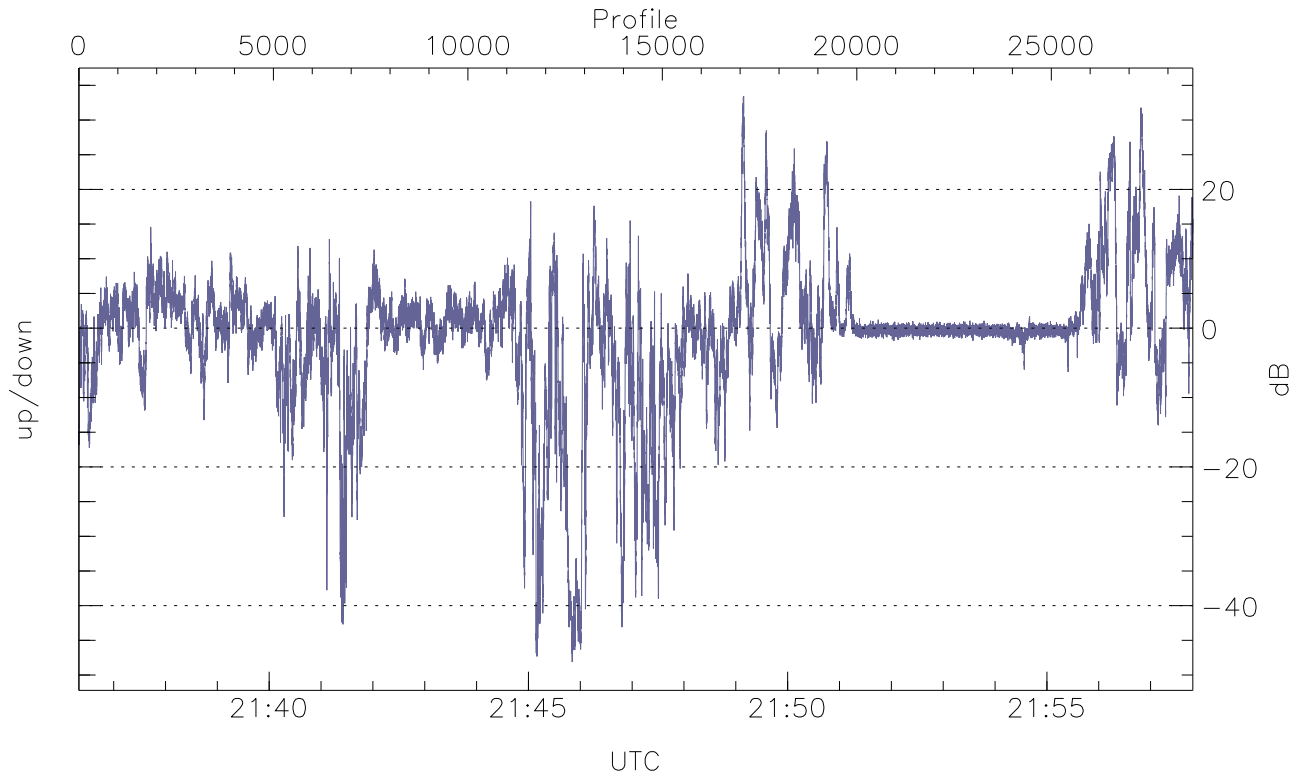


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



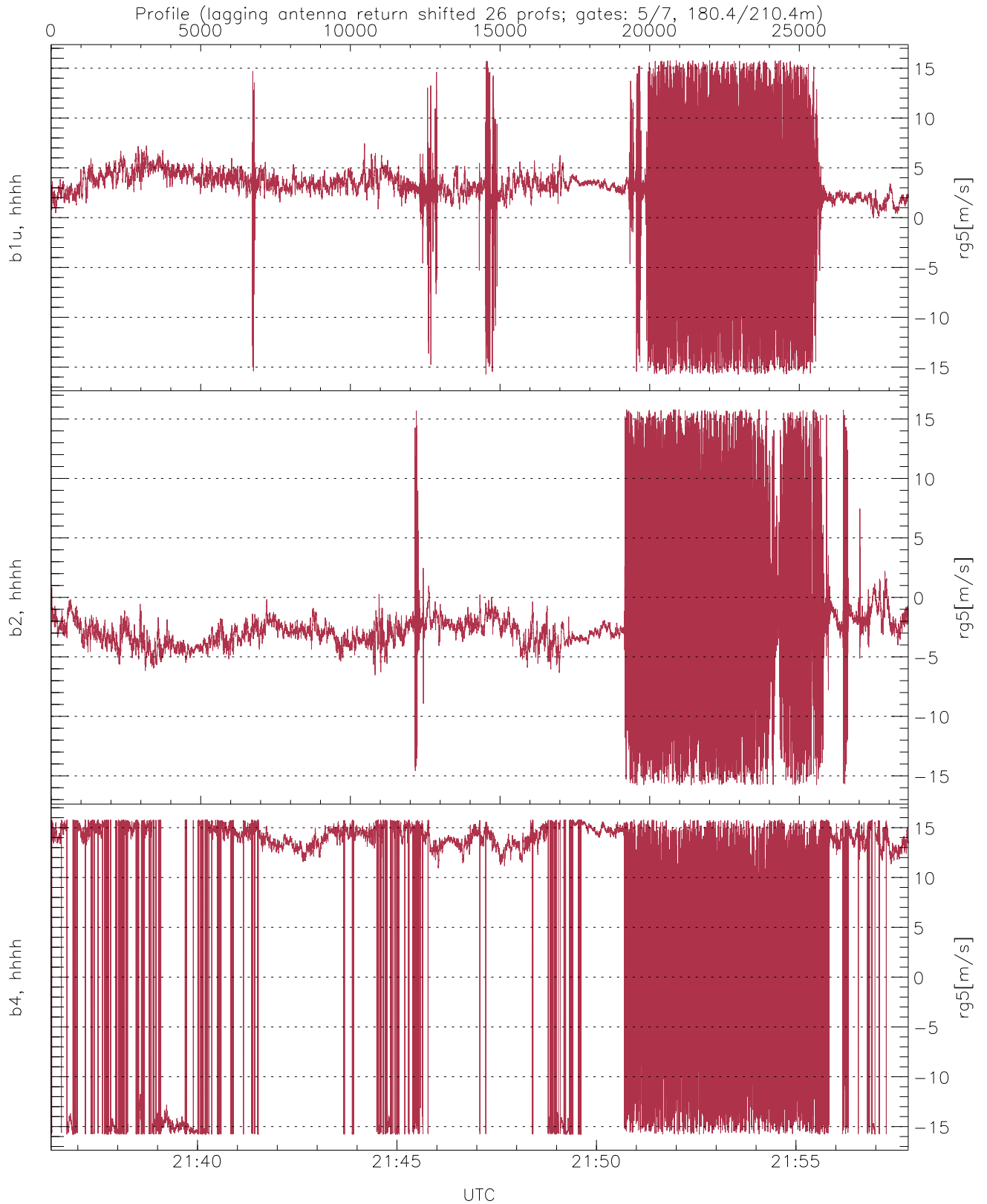
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.86	-2.05	-13.80
down(hh[dBm])	-66.35	-3.17	-14.31
down-fore(hh[dBm])	-66.36	-7.55	-18.40



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

	Min	Max	Mean
up/down (dB)	-48.13	33.42	-0.99
down/down-fore (dB)	-23.25	37.43	4.10



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.59	4.34
b2, hhhh(rg5[m/s])	-15.78	15.79	-2.18	4.36
b4, hhhh(rg5[m/s])	-15.79	15.79	6.90	11.42