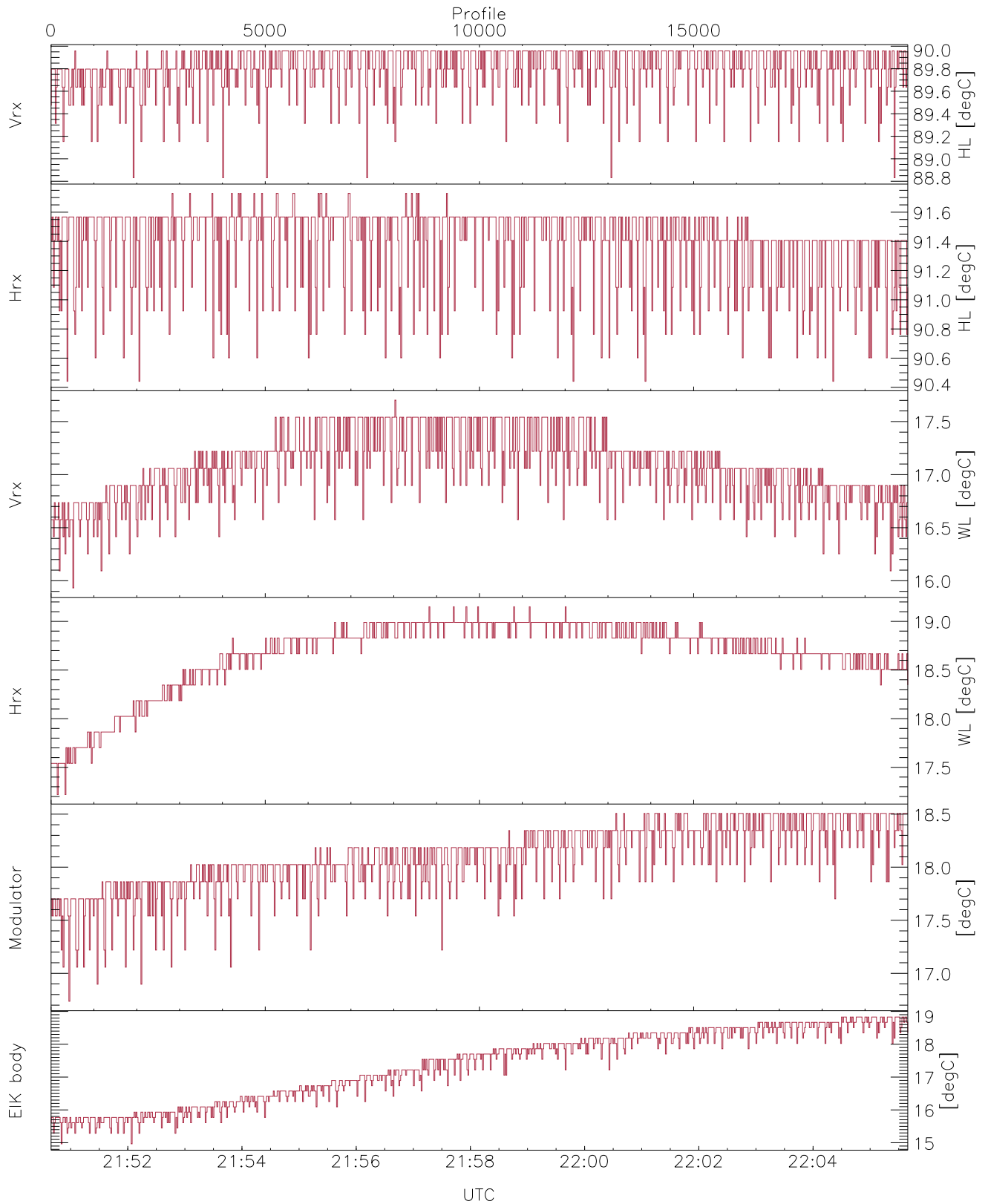


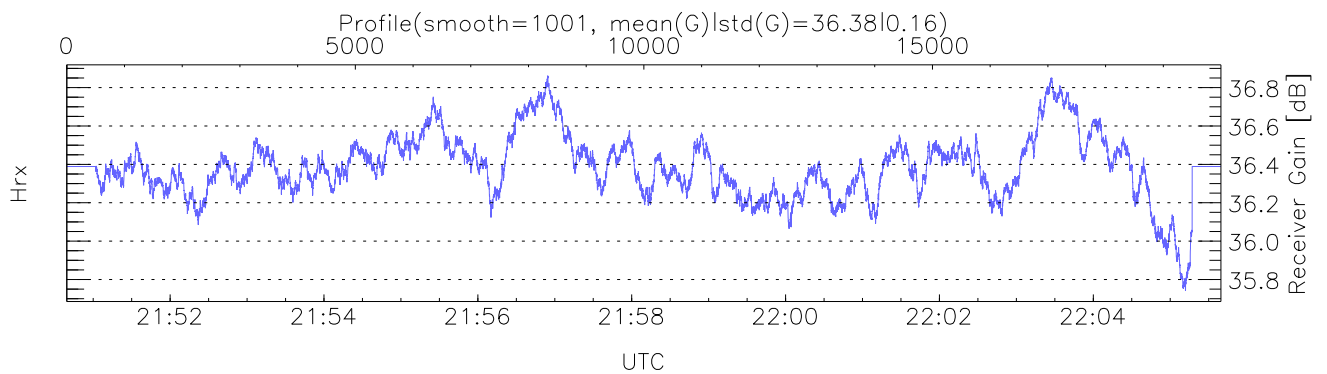
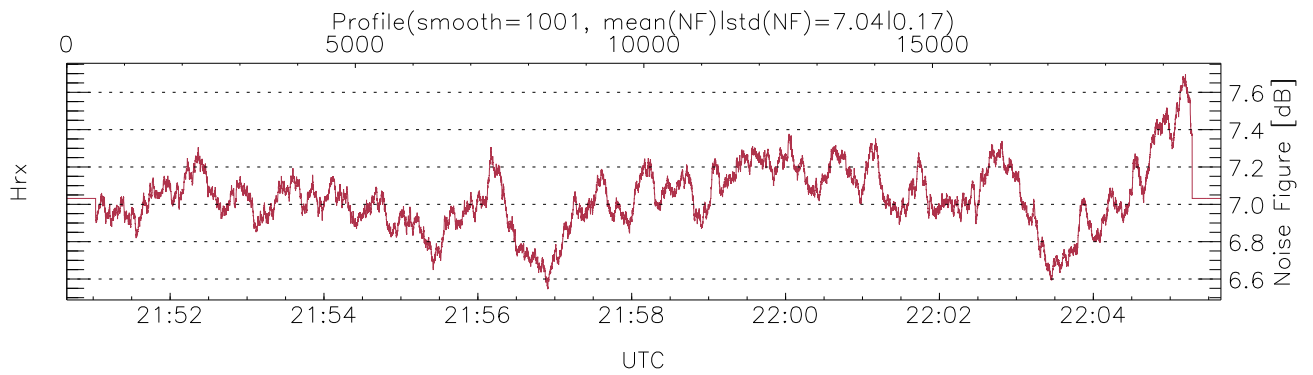
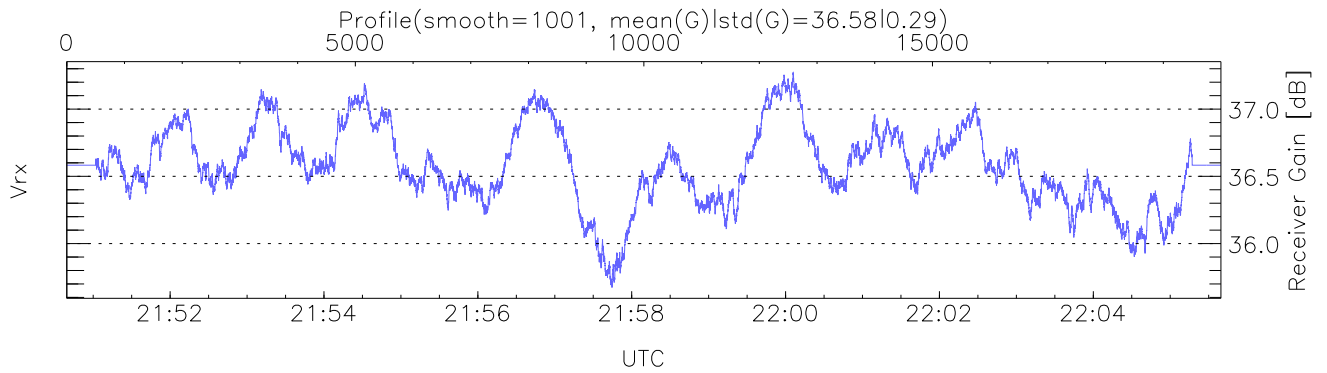
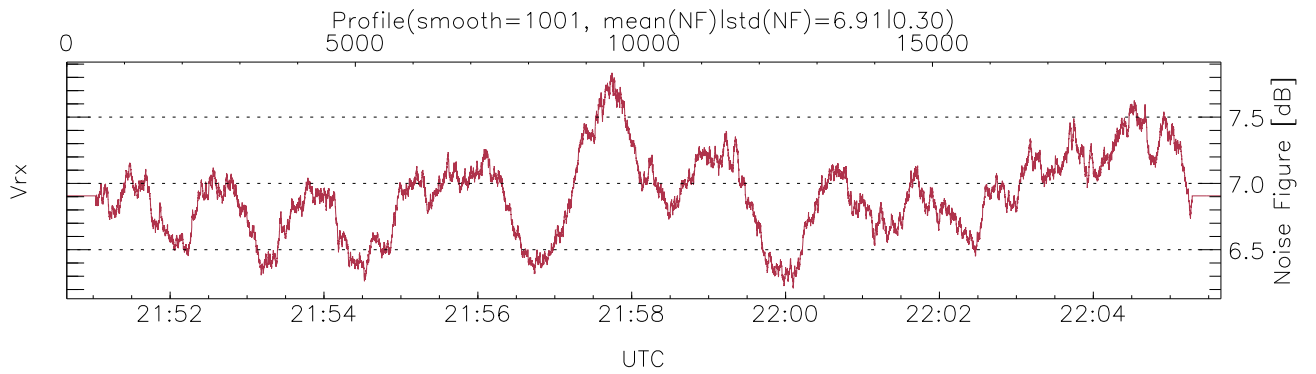
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:50:39-22:14:28, TimeCor: 0.00s, Dur: 900.18s
 TimeFlg: 41, Using Host/Server time !
 TimeInt/PPS(min,max,mn,std): 32.1,58.0,45.0,0.6 ms / 31.2,17.2,22.2
 NumRec(r/t): 20000/31741, 0-19999/21:50:39-22:05:40
 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(-91011|2,3,9x = no mirror|sidelup|error): 1



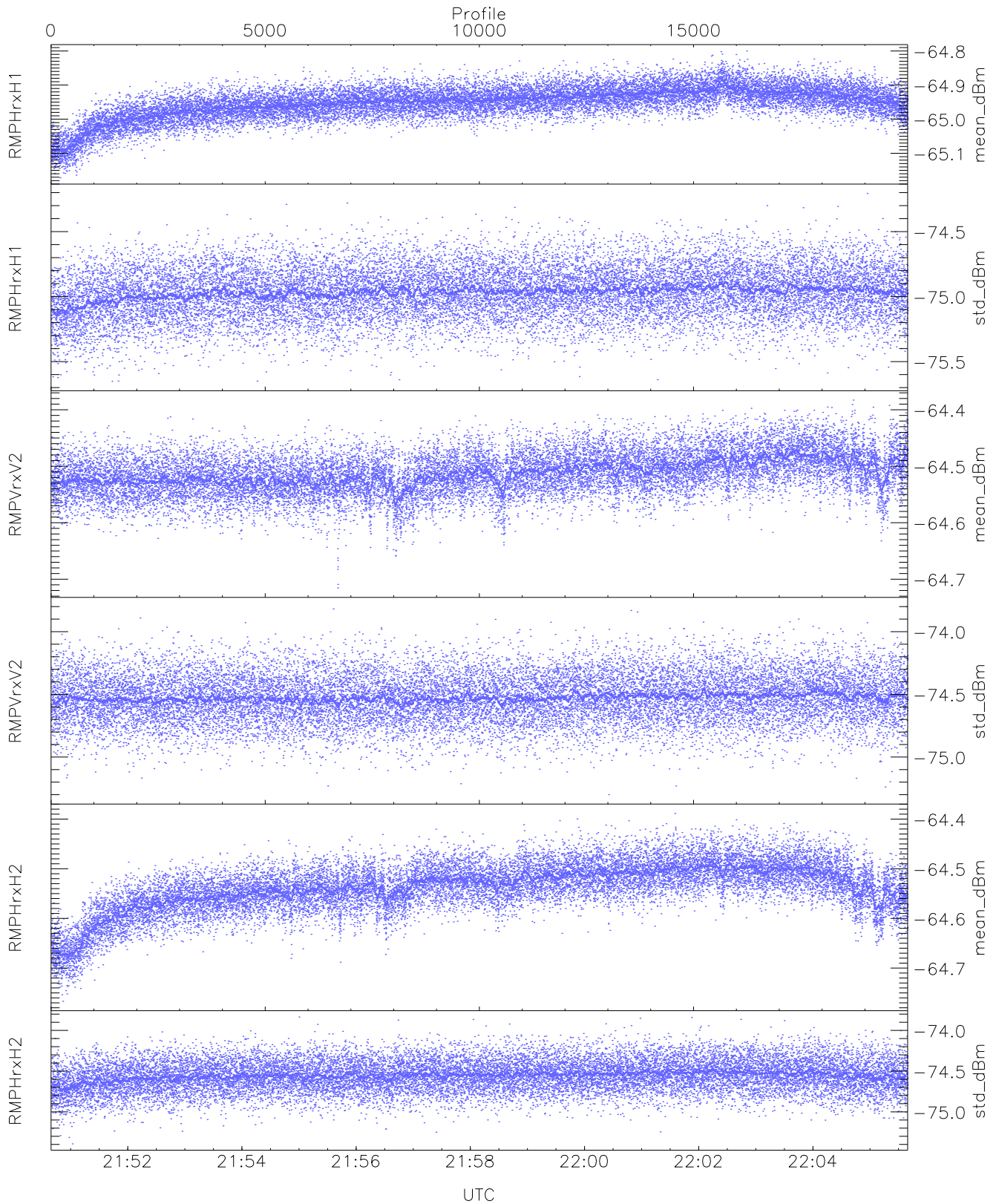
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 88,90,15,17,16,14`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,17,19,18,18`
`LOalarm(20,240,2817,14861 MHz): 0,0,70,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (45,45,45,23,69,69,45,23)`



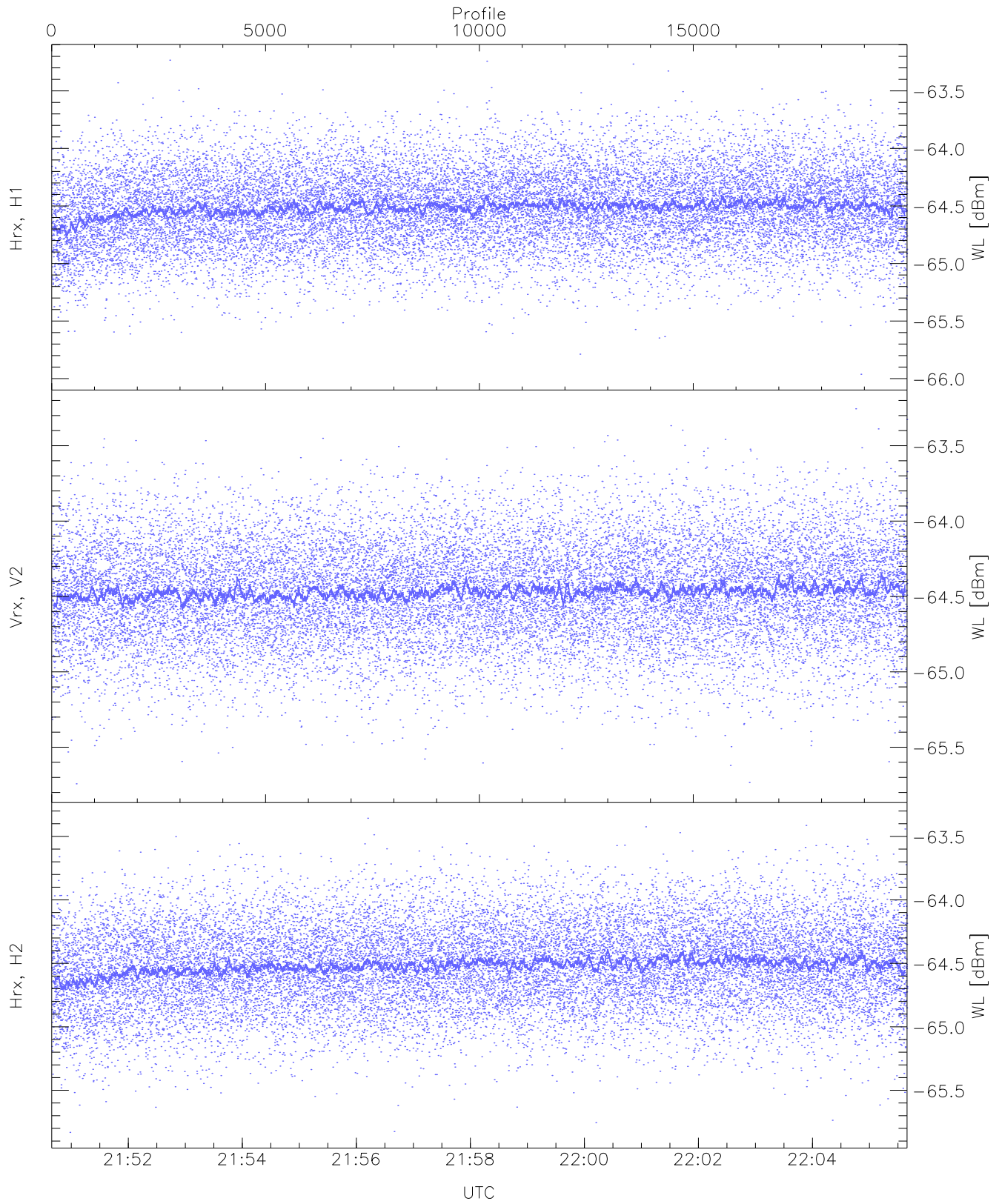
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 8 pixs, 3 gates, 8 profs, 1 prod(s)



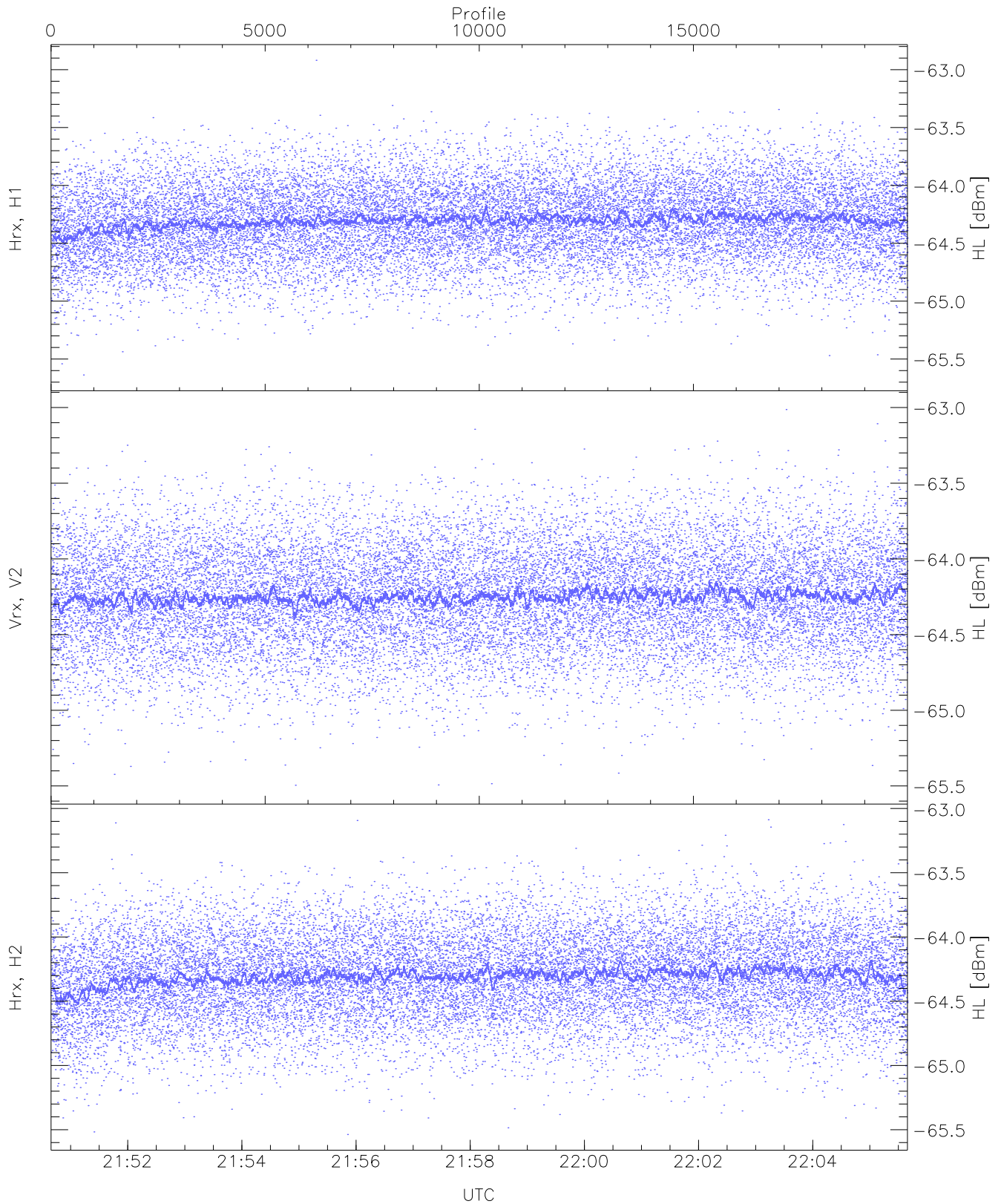
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.17	-64.80	-64.95	-64.95	-84.55
RMPHrxH1(std_dBm)	-75.65	-74.21	-74.97	-74.97	-88.66
RMPVrxV2(mean_dBm)	-64.72	-64.38	-64.51	-64.51	-85.26
RMPVrxV2(std_dBm)	-75.30	-73.80	-74.53	-74.53	-88.29
RMPHrxH2(mean_dBm)	-64.77	-64.39	-64.54	-64.53	-83.99
RMPHrxH2(std_dBm)	-75.39	-73.84	-74.55	-74.56	-88.26



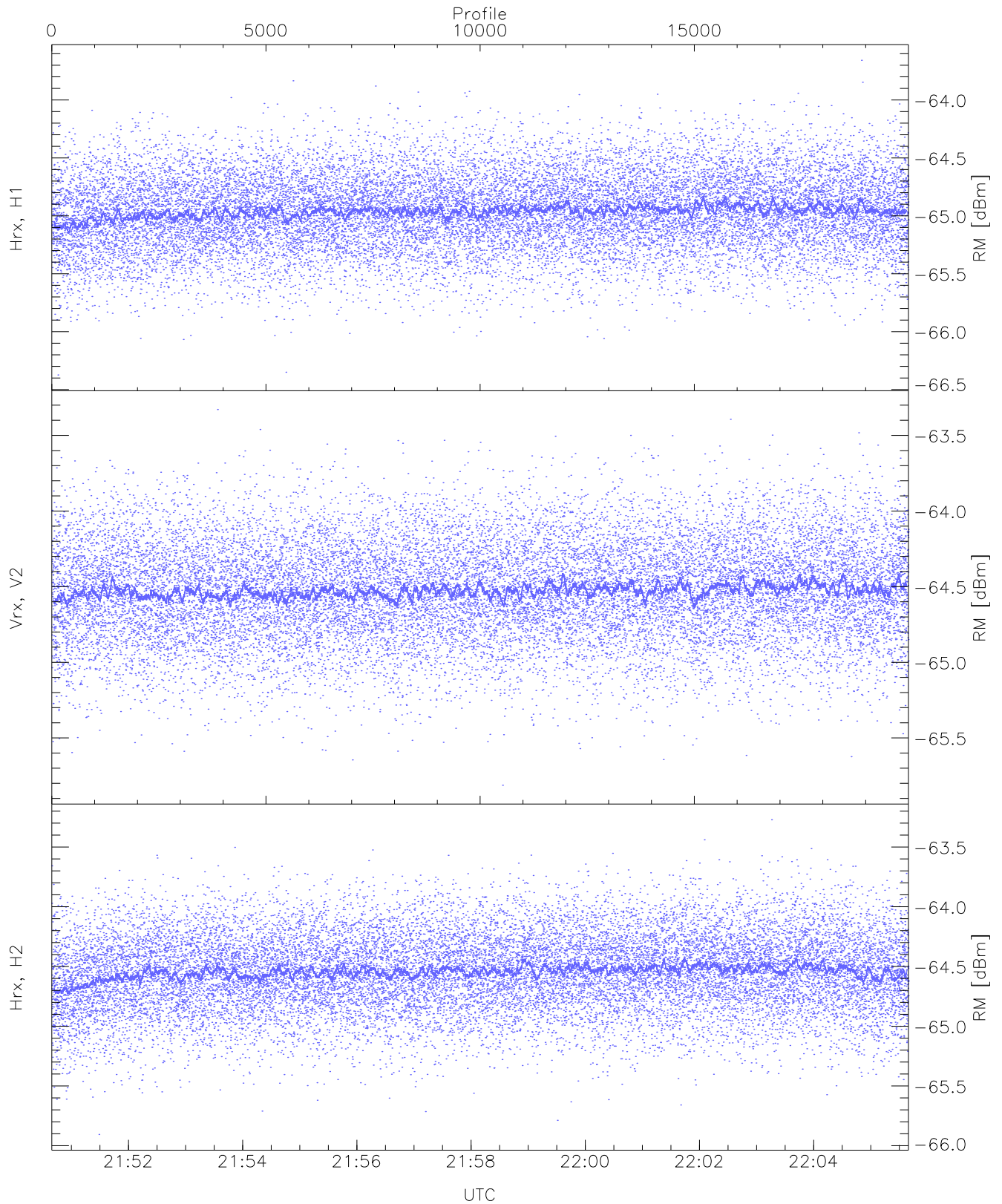
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.96	-63.23	-64.51	-64.52	-75.93
Vrx, V2 (WL [dBm])	-65.74	-63.26	-64.46	-64.47	-75.96
Hrx, H2 (WL [dBm])	-65.83	-63.36	-64.51	-64.52	-75.96



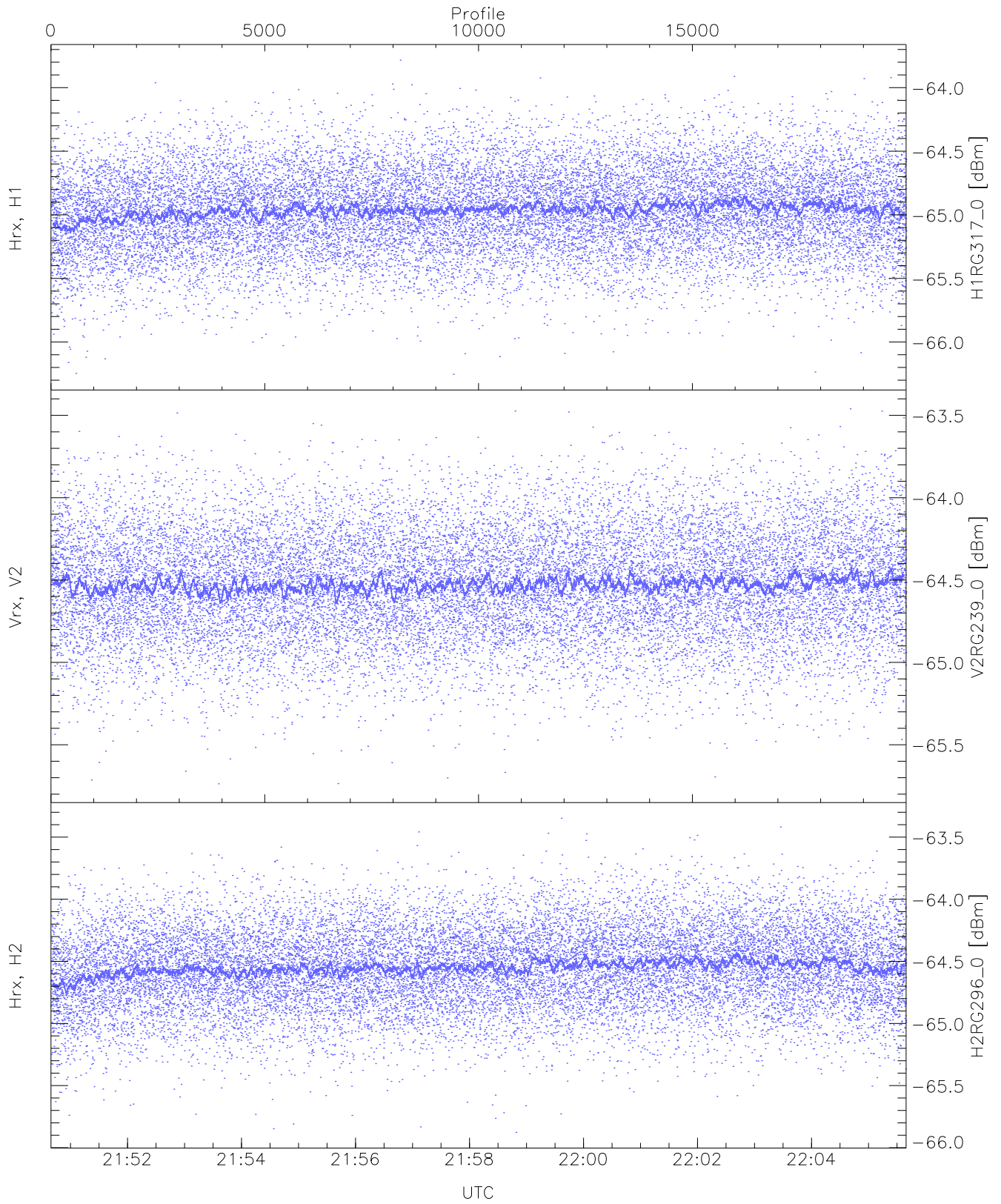
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.64	-62.92	-64.30	-64.31	-75.82
Vrx, V2 (HL [dBm])	-65.50	-63.01	-64.25	-64.25	-75.72
Hrx, H2 (HL [dBm])	-65.54	-63.09	-64.30	-64.31	-75.79



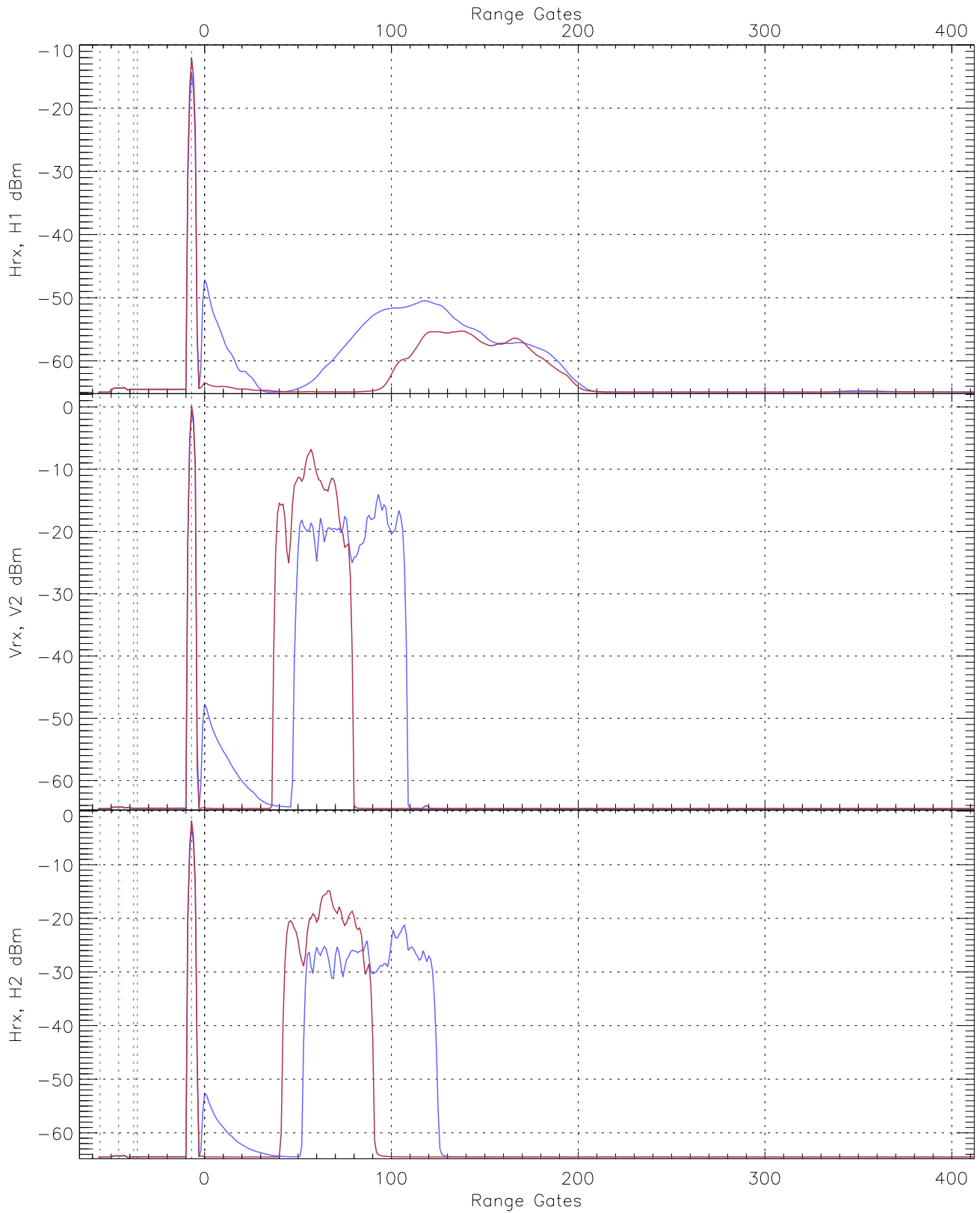
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.37	-63.66	-64.96	-64.96	-76.43
Vrx, V2 (RM [dBm])	-65.81	-63.33	-64.52	-64.53	-76.01
Hrx, H2 (RM [dBm])	-65.91	-63.27	-64.54	-64.55	-76.03

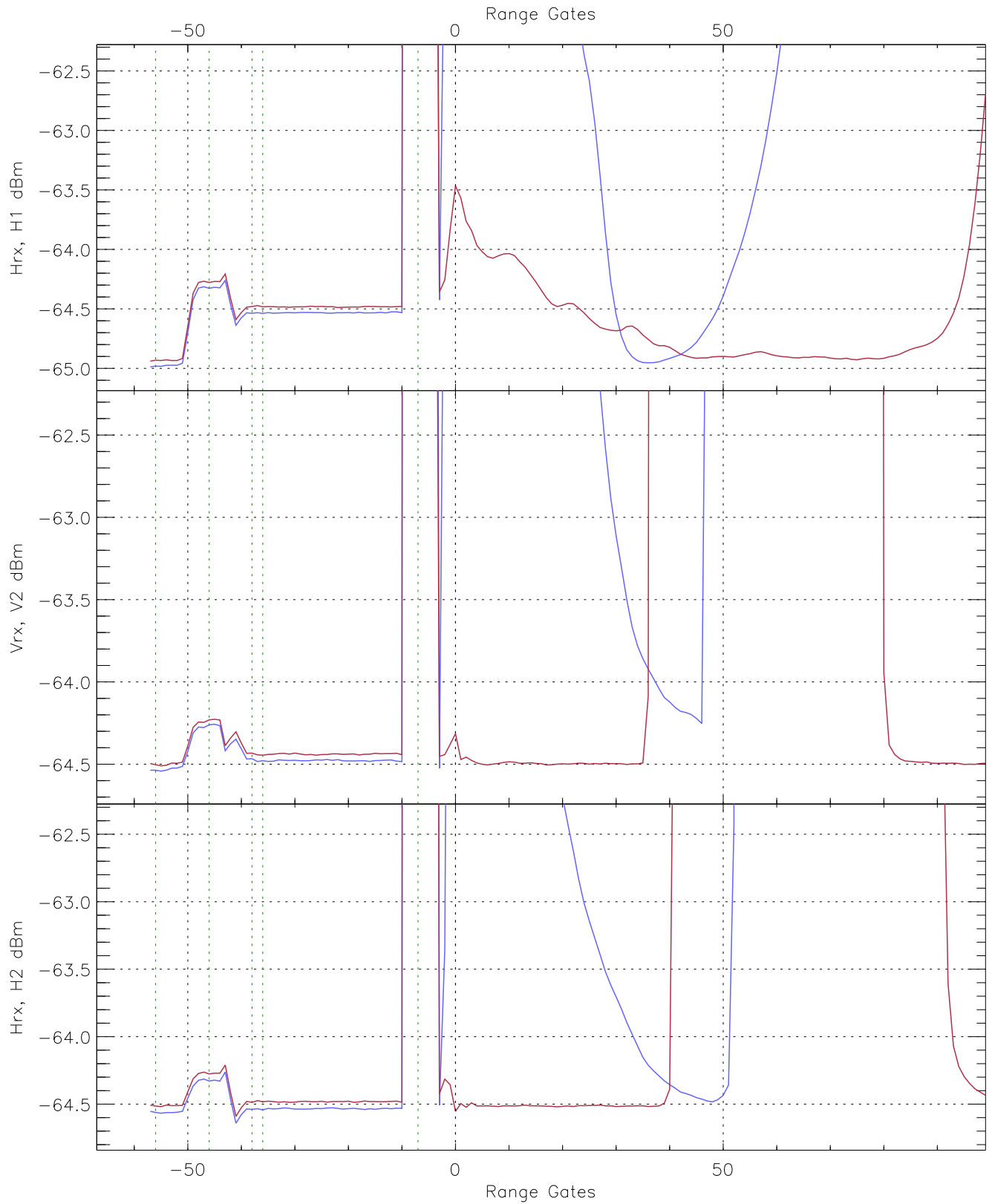


WCR3 CPP "Best" estimate Receivers Noise Power

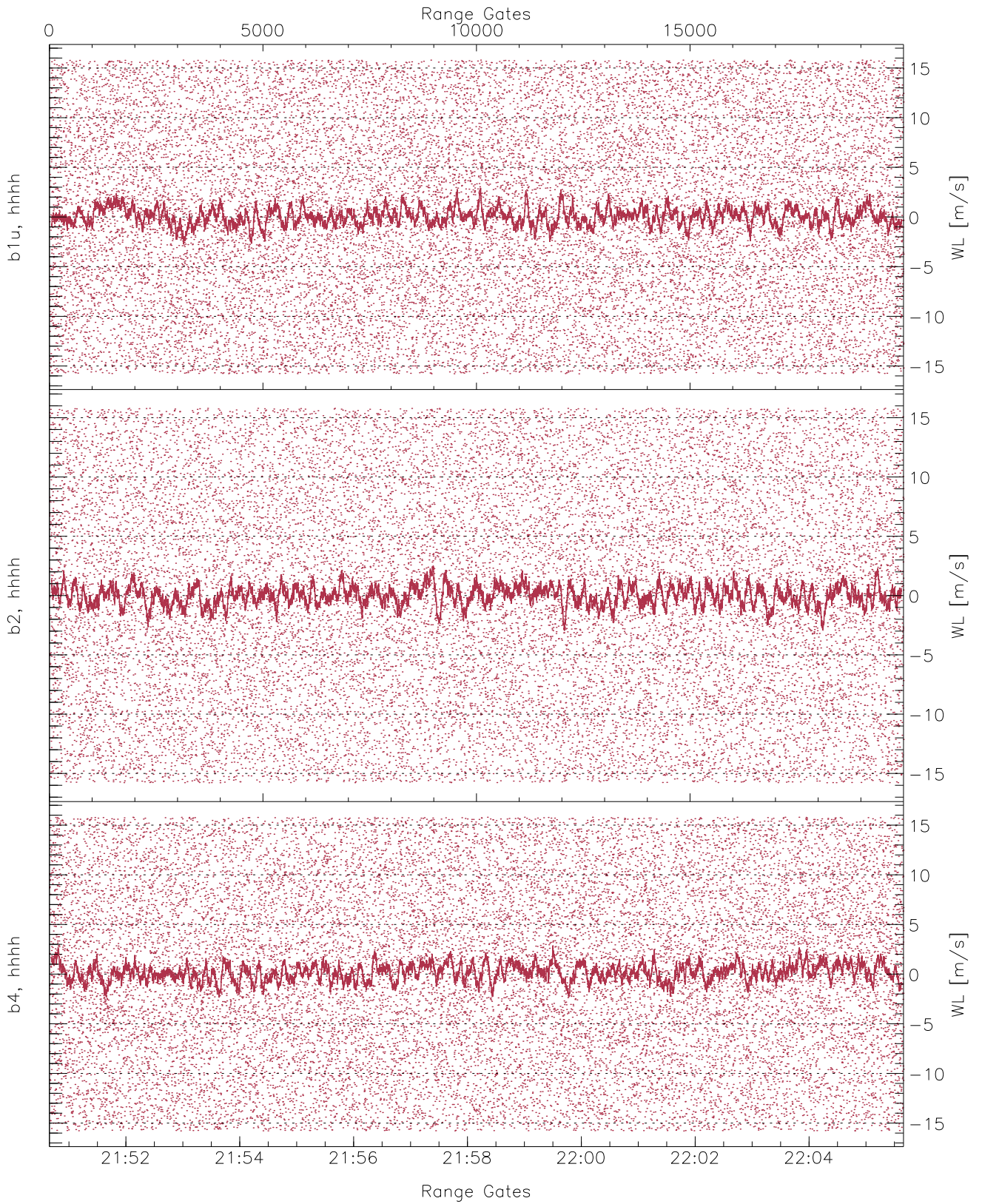
	Min	Max	Mean	Median	StDev
H1RG317_0 [dBm]	-66.25	-63.78	-64.96	-64.96	-76.40
V2RG239_0 [dBm]	-65.74	-63.46	-64.52	-64.53	-76.02
H2RG296_0 [dBm]	-65.88	-63.35	-64.54	-64.55	-76.05



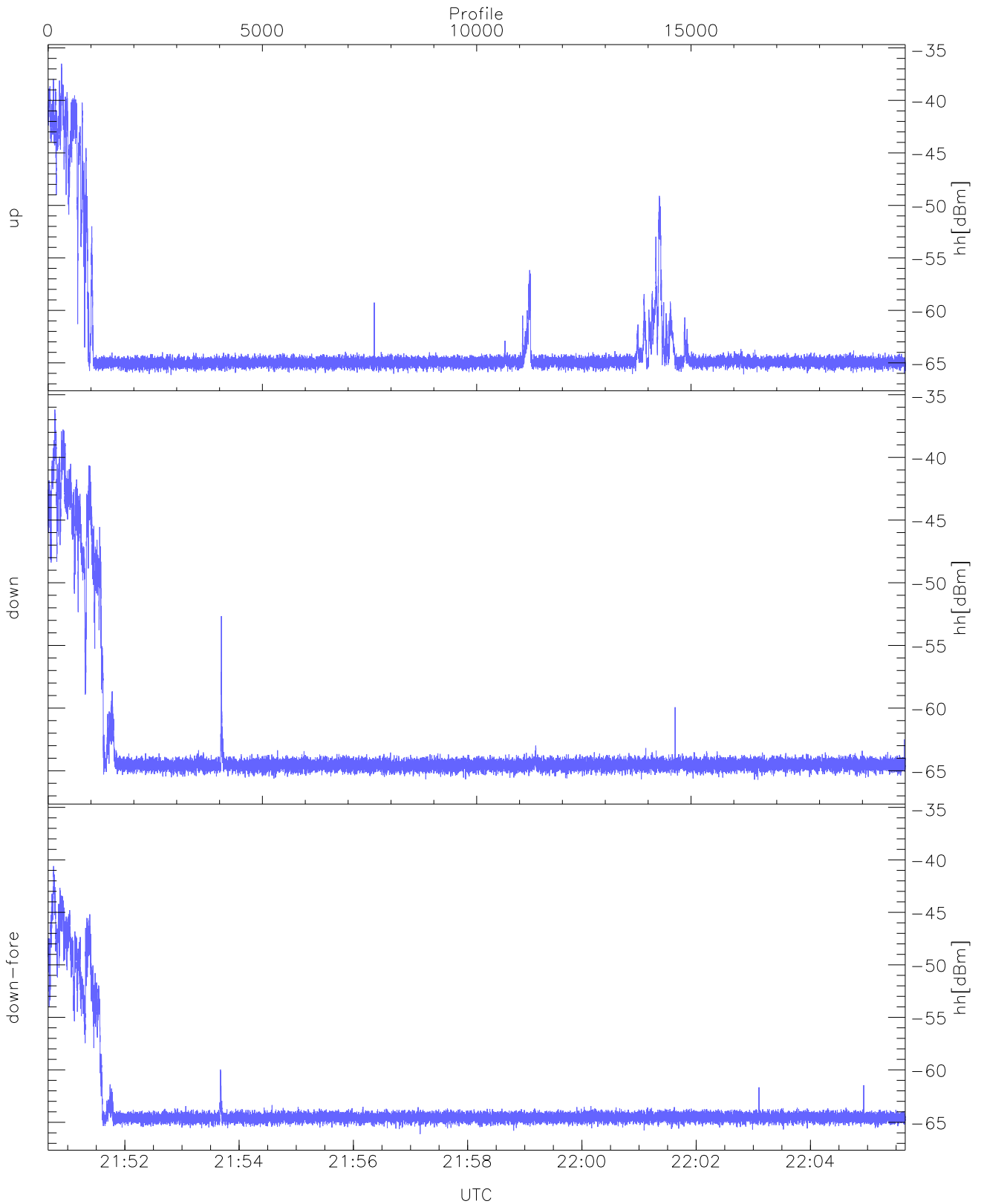
WCR3 CPP Averaged Received power for all recorded gates
blue: 215039-215809, 10001 profiles averaged
red: 215809-220540, 10000 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 215039-215809, 10001 profiles averaged
red: 215809-220540, 10000 profiles averaged

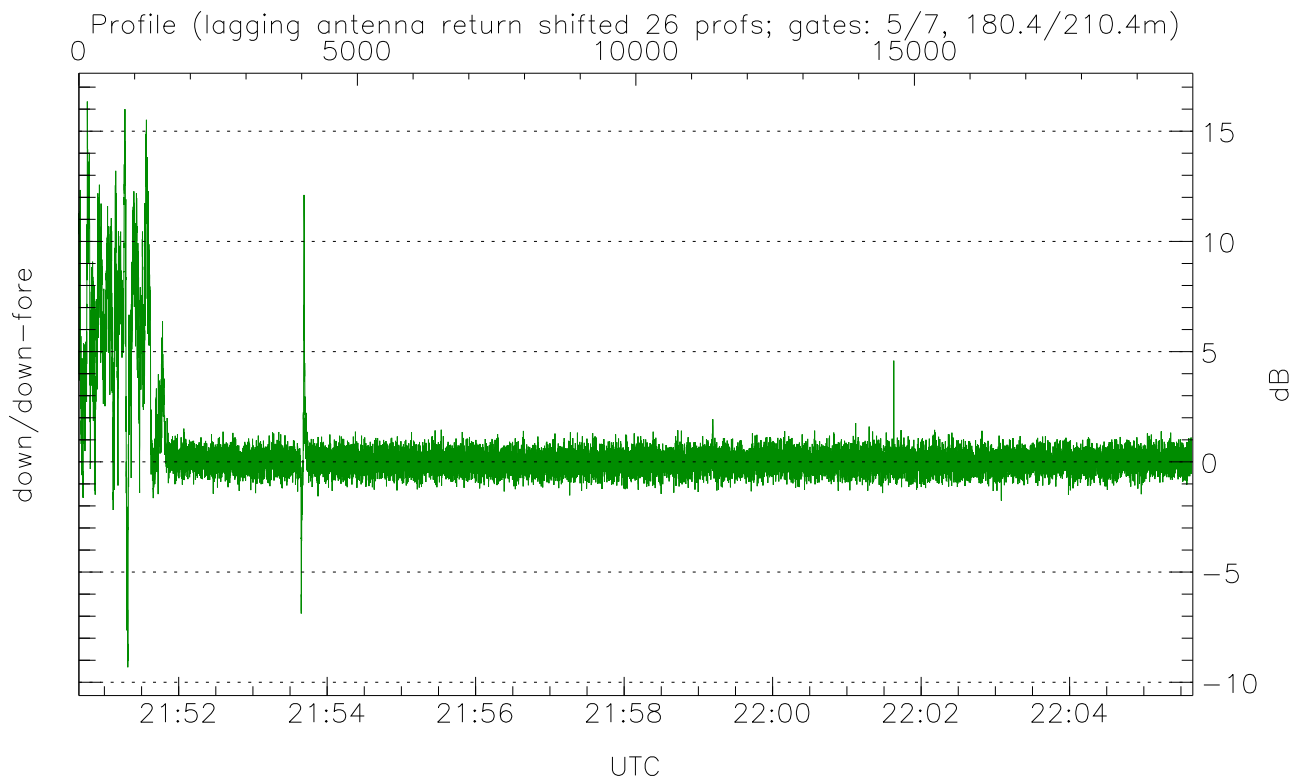
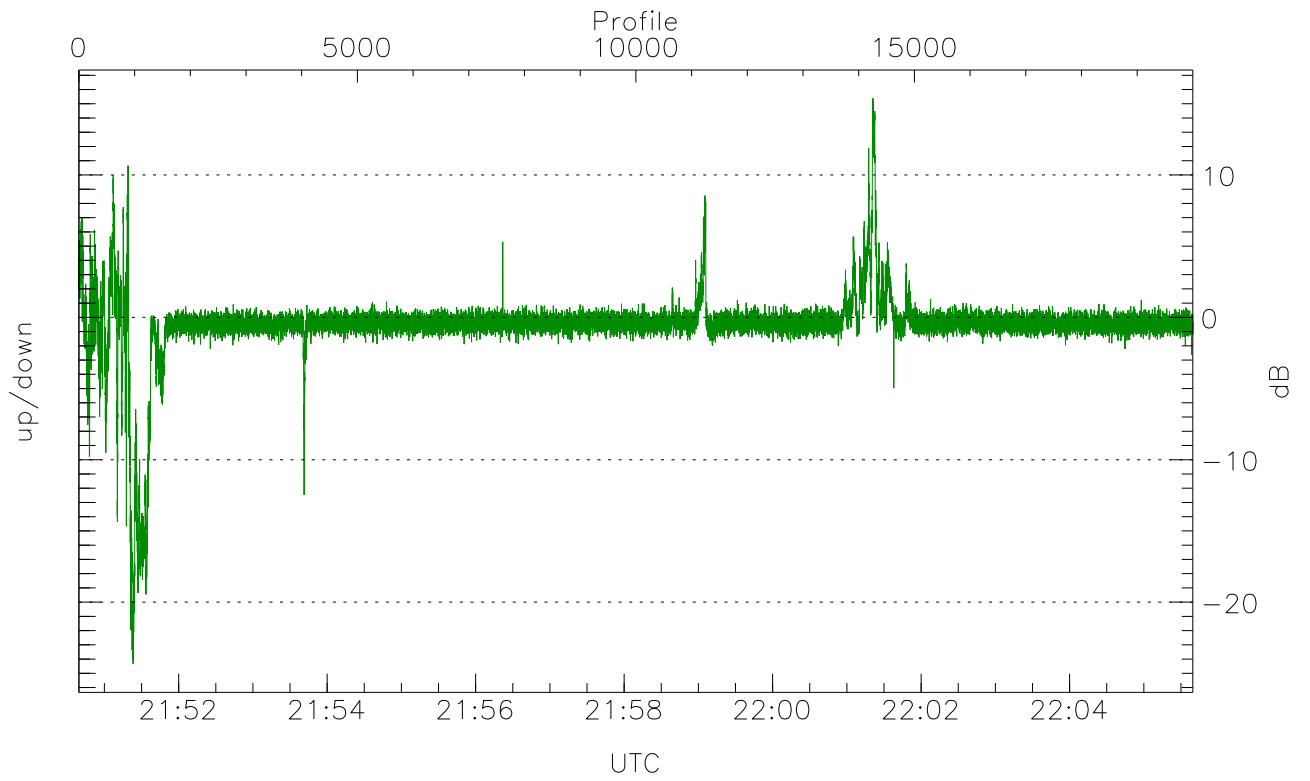


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



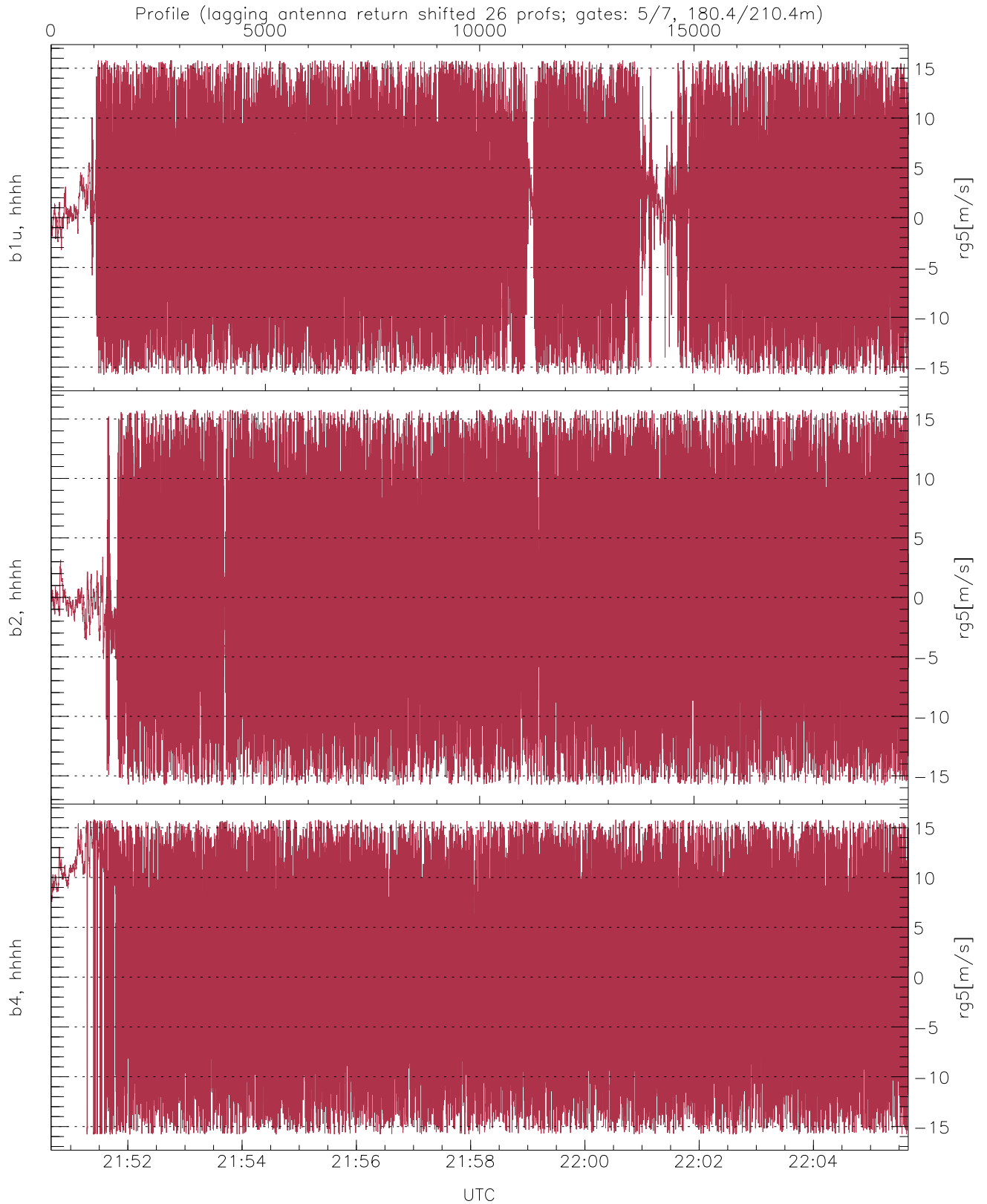
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.16	-36.50	-55.43
down(hh[dBm])	-65.71	-36.18	-55.02
down-fore(hh[dBm])	-66.11	-40.59	-58.85



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

	Min	Max	Mean
up/down (dB)	-24.35	15.38	-0.52
down/down-fore (dB)	-9.32	16.35	0.45



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.15	8.18
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.13	8.54
b4, hhhh(rg5[m/s])	-15.79	15.79	0.72	9.12