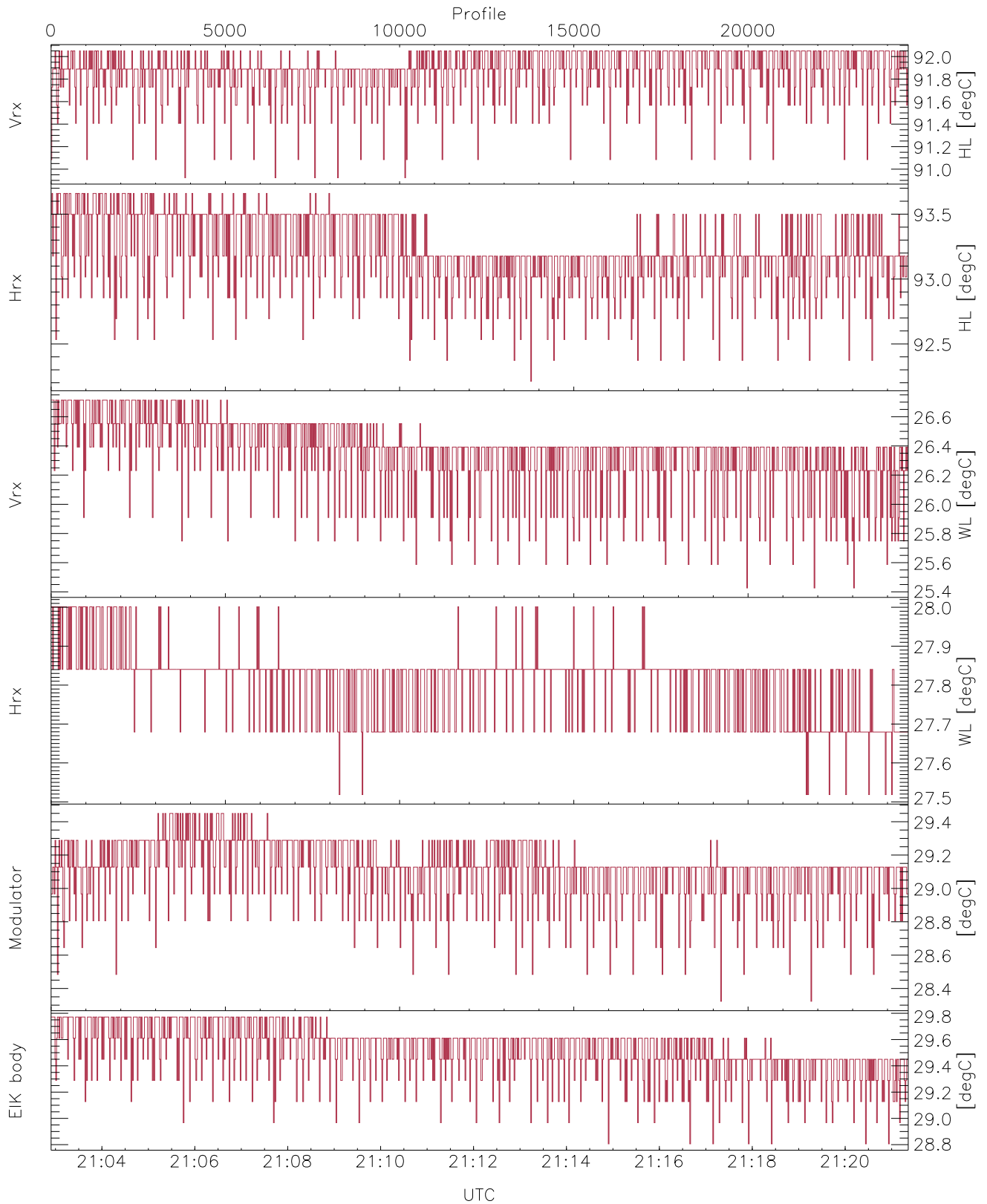


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

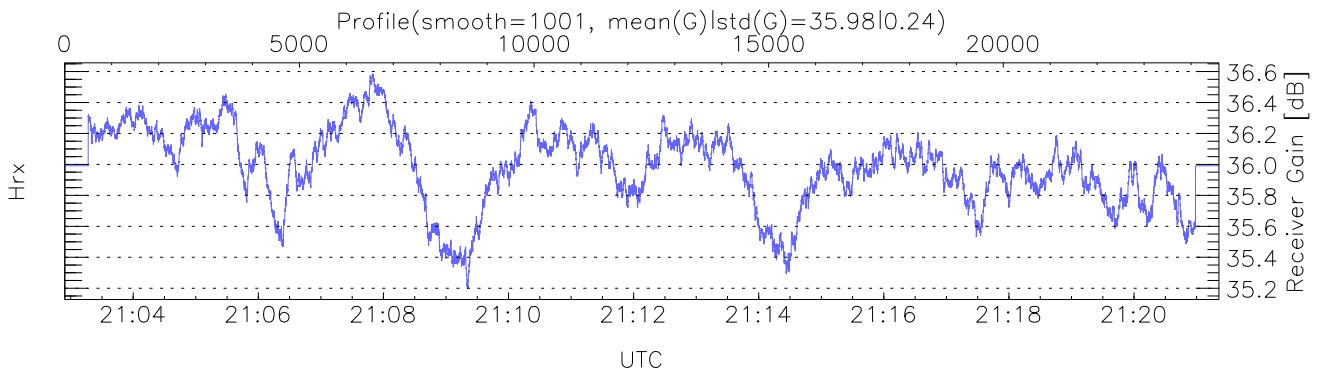
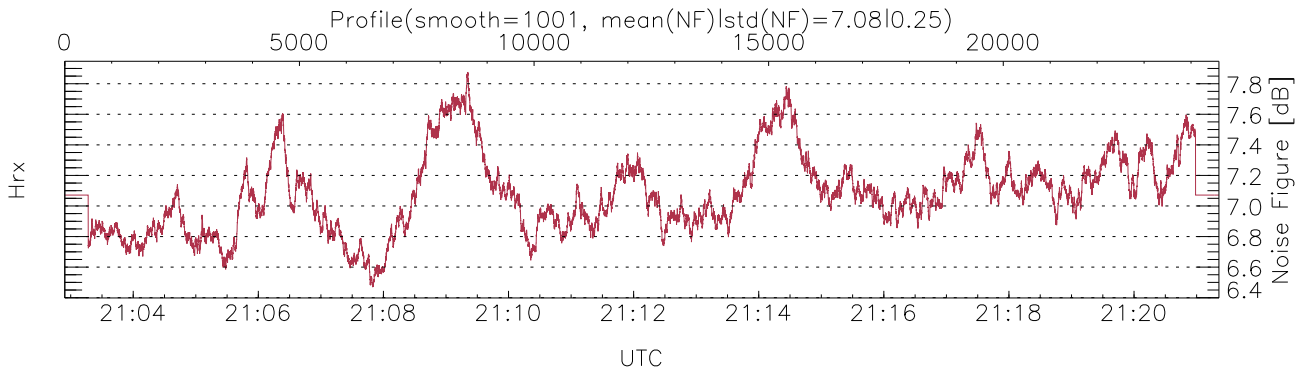
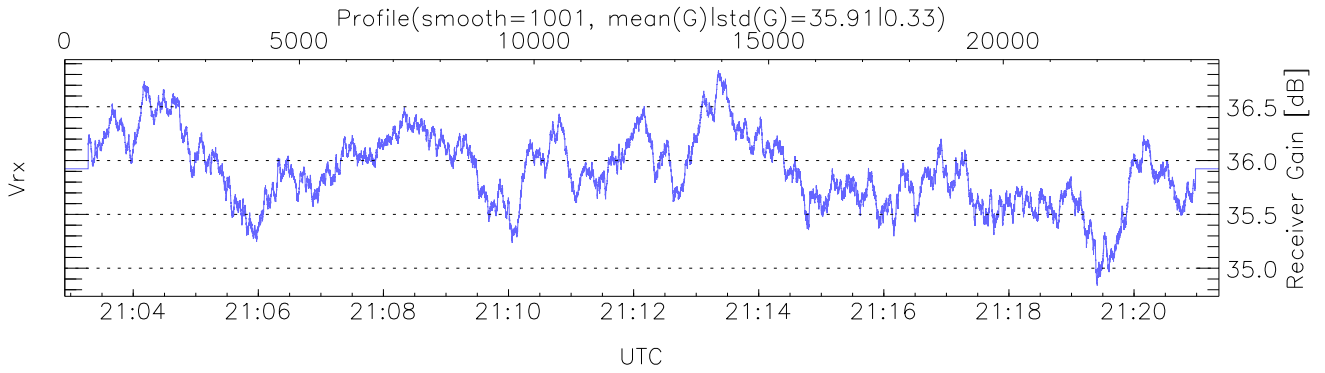
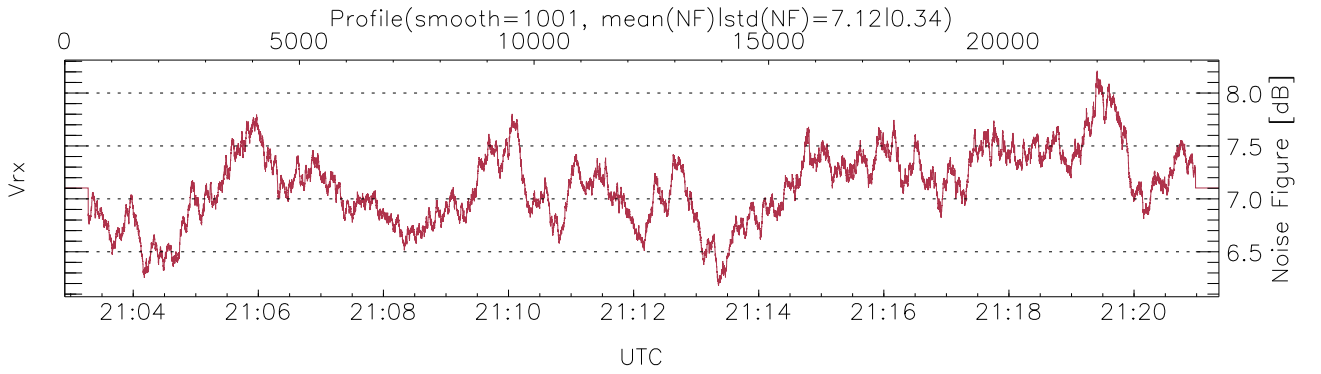
UTC: 21:02:54-21:21:21, TimeCor: 0.00s, Dur: 1107.10s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 24597/24597, 0-24596/21:02:54-21:21:21
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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

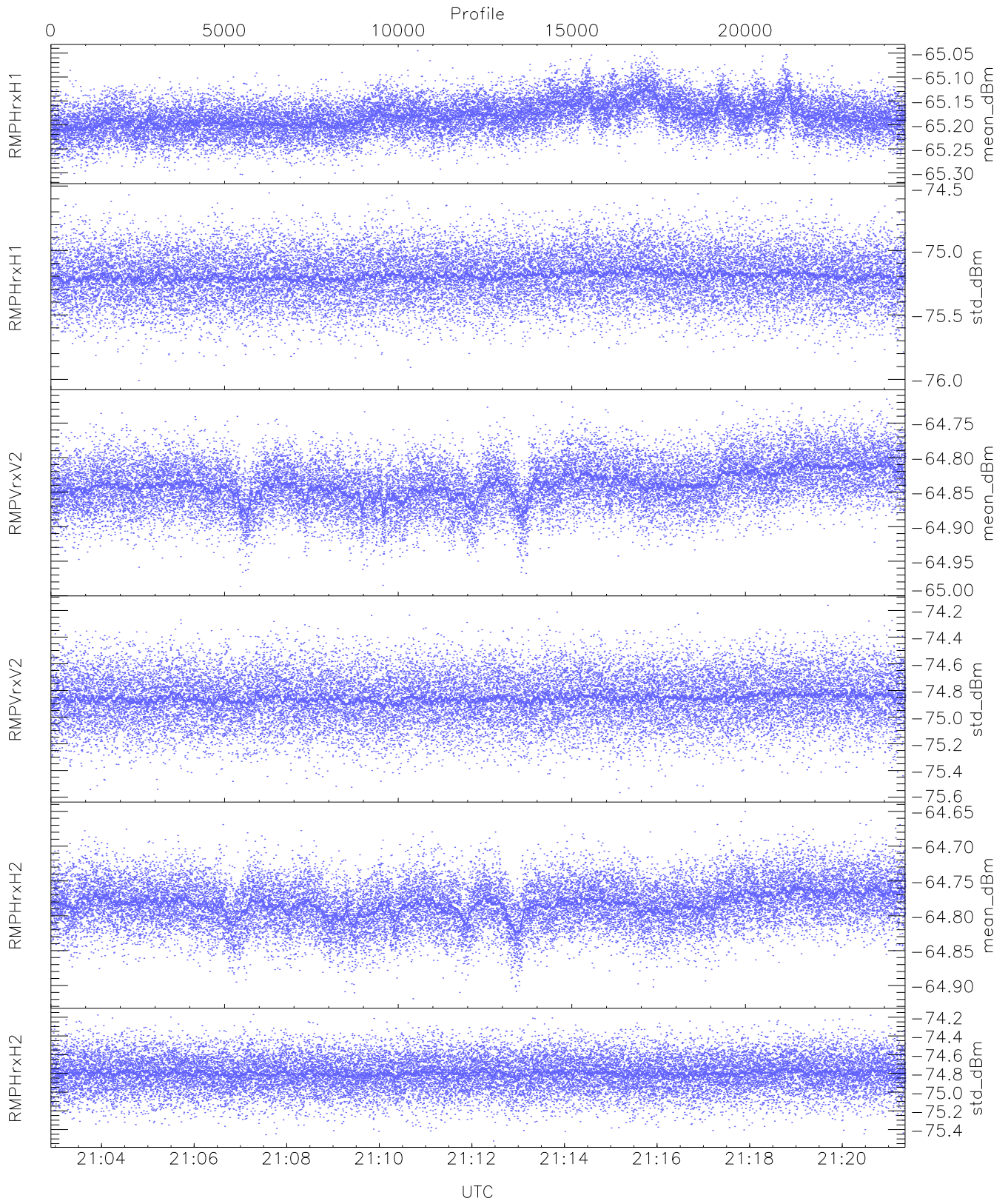
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,25,27,28,28`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,29,29`
`LOalarm(20,240,2817,14861 MHz): None`

`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)`



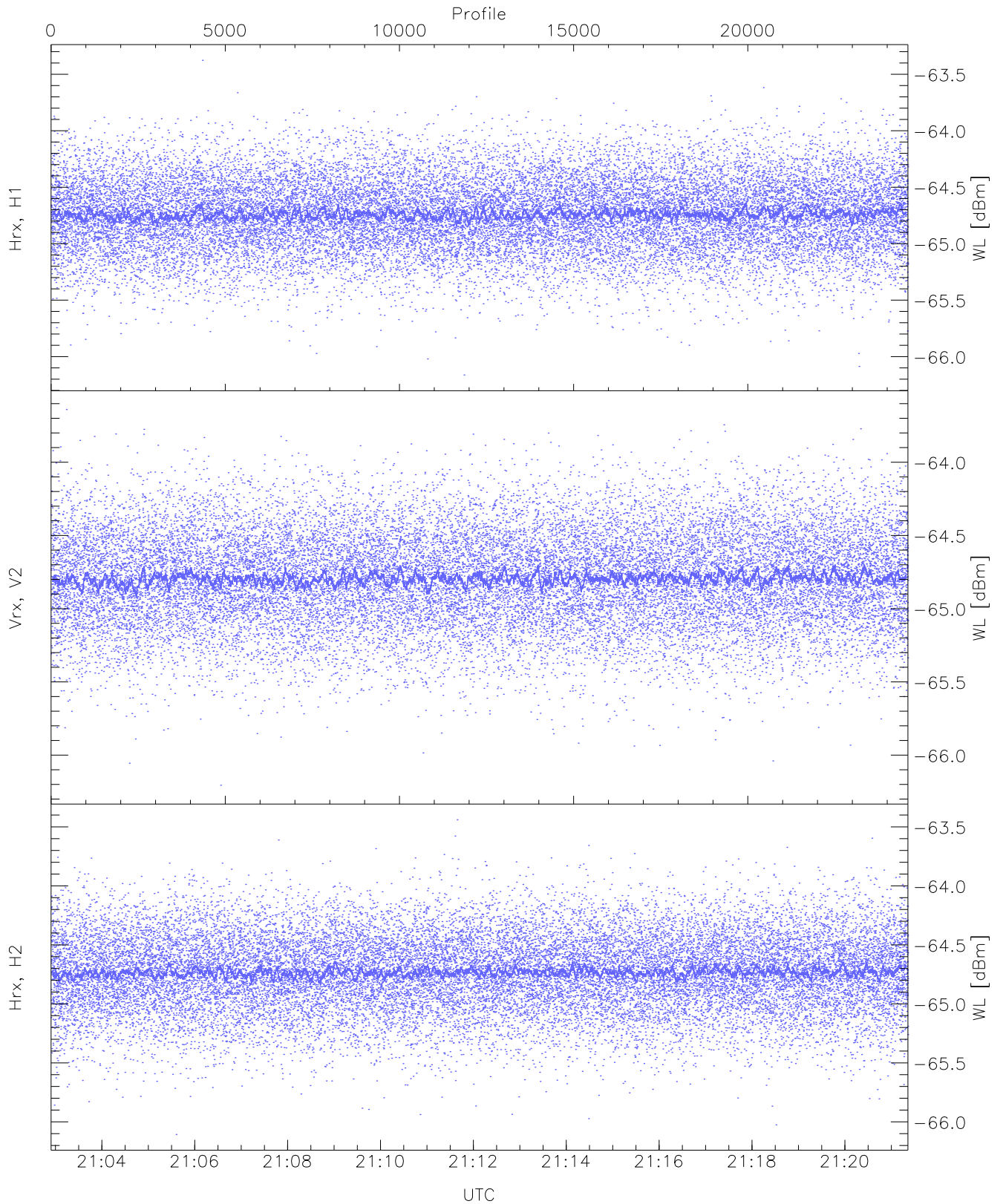
WCR3 CPP Receivers Gain and Noise Figure

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



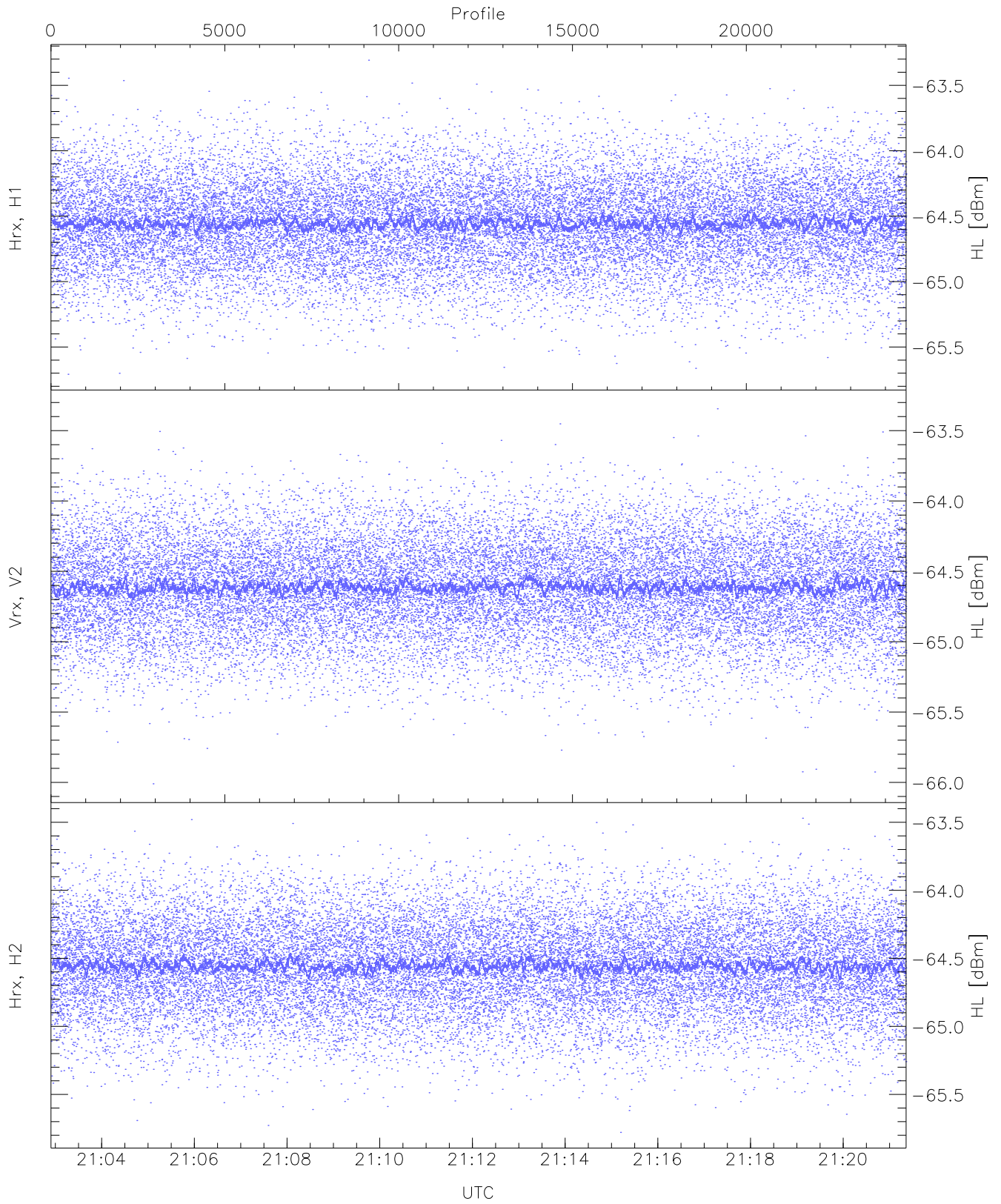
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.31	-65.05	-65.18	-65.18	-86.09
RMPHrxH1(std_dBm)	-76.01	-74.55	-75.20	-75.20	-88.95
RMPVrxV2(mean_dBm)	-64.99	-64.72	-64.84	-64.84	-85.85
RMPVrxV2(std_dBm)	-75.57	-74.16	-74.86	-74.86	-88.62
RMPHrxH2(mean_dBm)	-64.92	-64.65	-64.78	-64.78	-86.08
RMPHrxH2(std_dBm)	-75.52	-74.17	-74.80	-74.80	-88.59



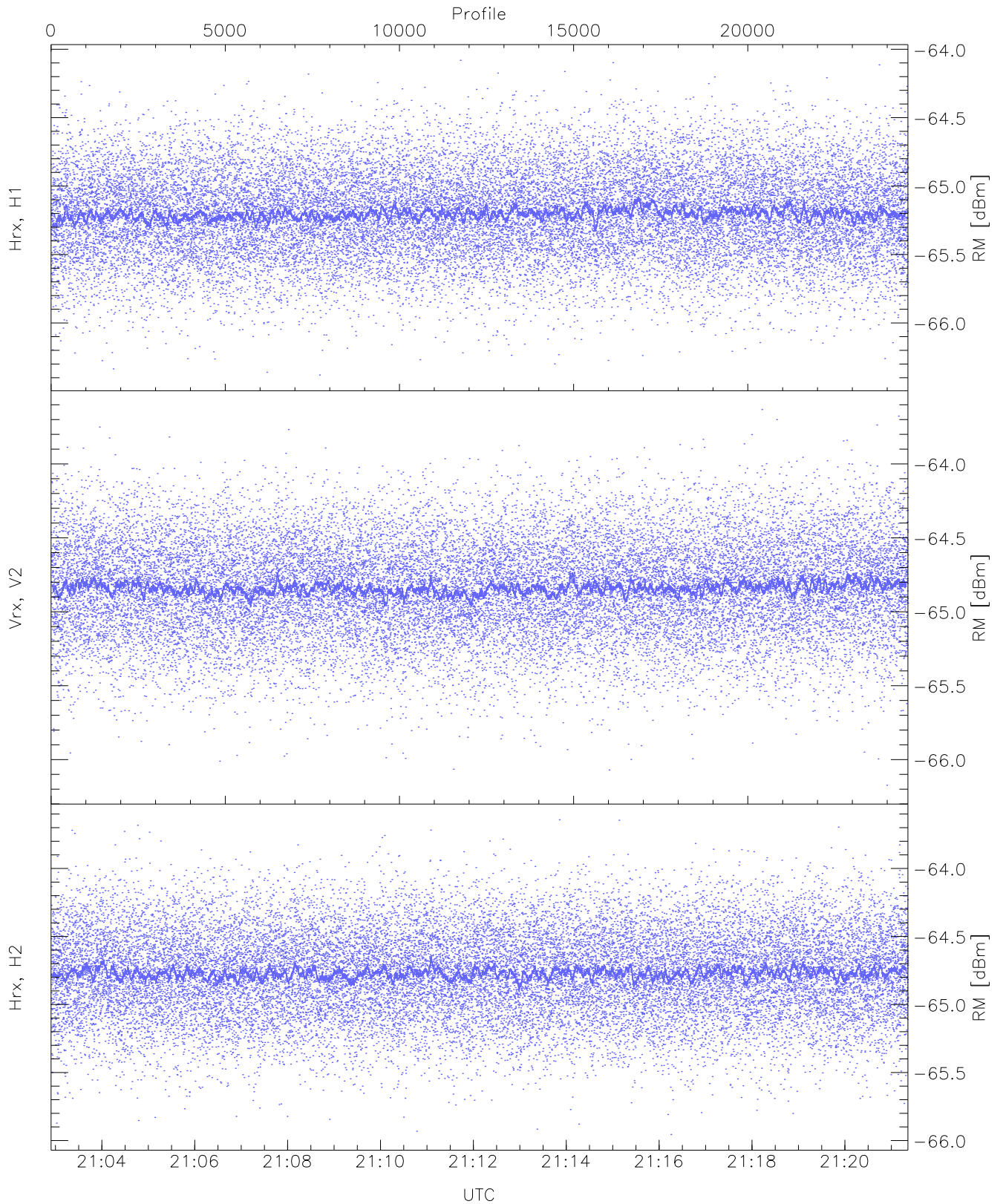
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.16	-63.38	-64.74	-64.74	-76.24
Vrx, V2 (WL [dBm])	-66.21	-63.64	-64.79	-64.80	-76.32
Hrx, H2 (WL [dBm])	-66.11	-63.44	-64.73	-64.73	-76.24



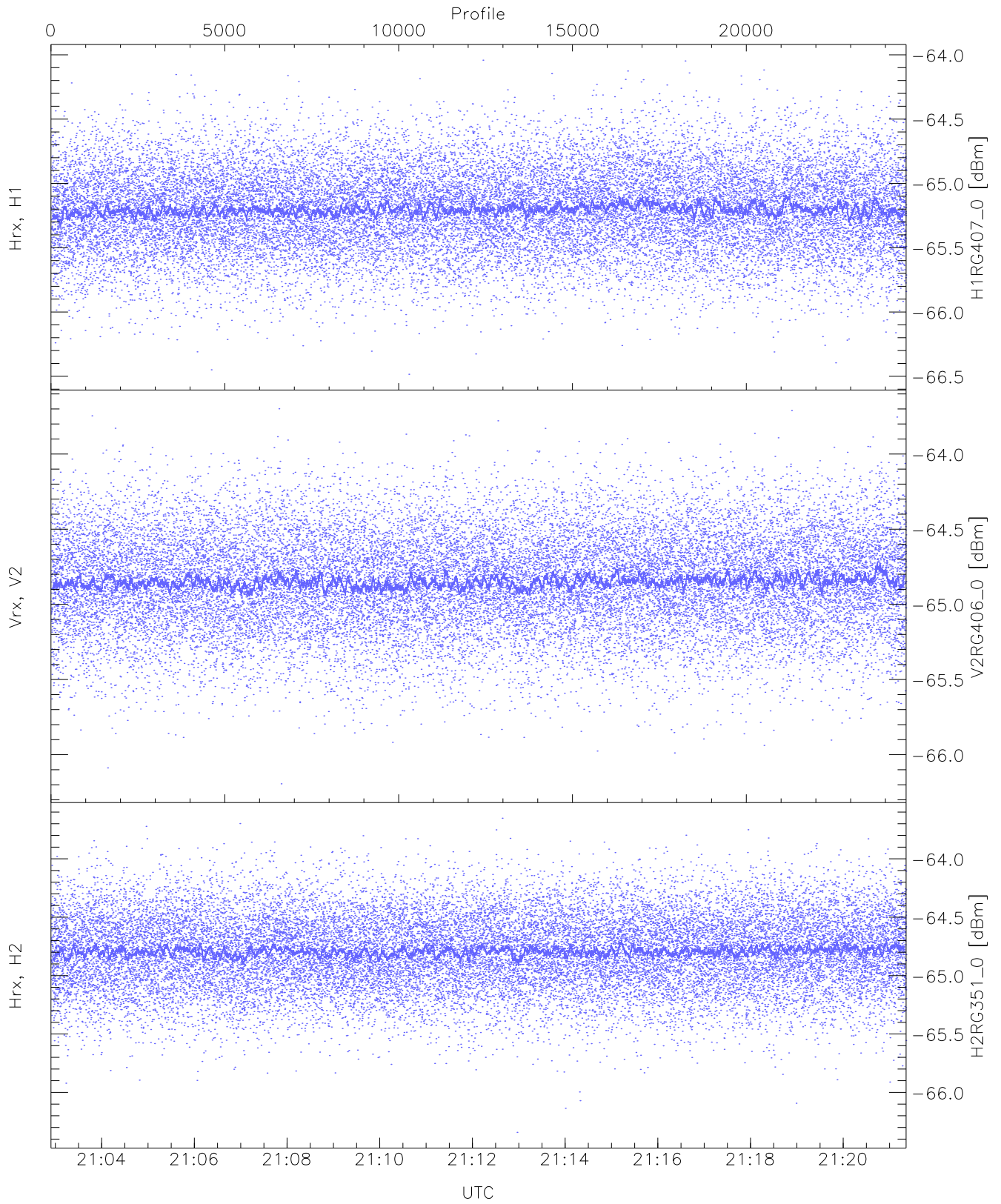
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.71	-63.31	-64.55	-64.55	-76.11
Vrx, V2 (HL [dBm])	-66.01	-63.34	-64.61	-64.61	-76.10
Hrx, H2 (HL [dBm])	-65.78	-63.47	-64.55	-64.55	-76.06



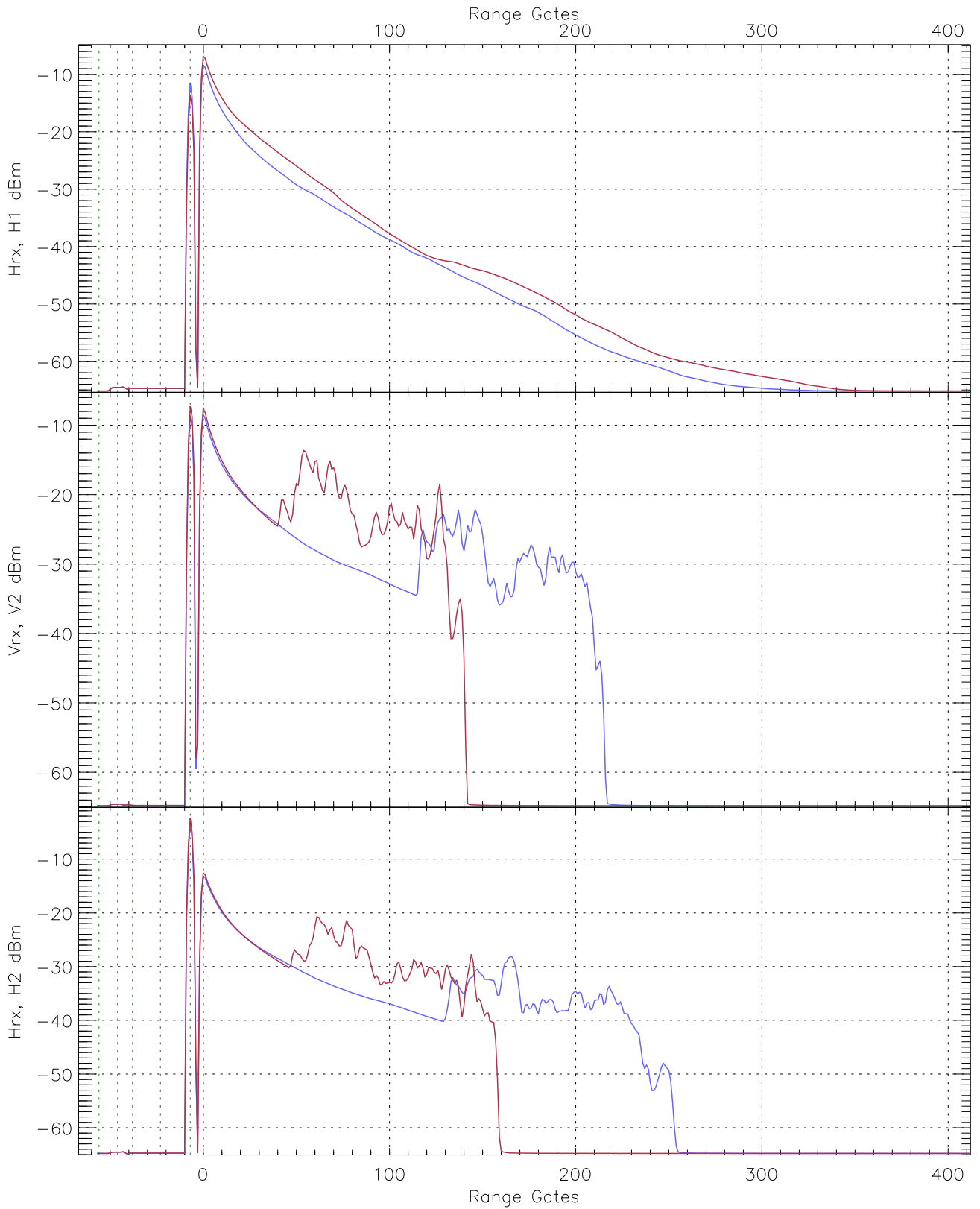
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.38	-64.08	-65.20	-65.20	-76.73
Vrx, V2 (RM [dBm])	-66.17	-63.63	-64.83	-64.84	-76.33
Hrx, H2 (RM [dBm])	-65.96	-63.64	-64.76	-64.77	-76.29

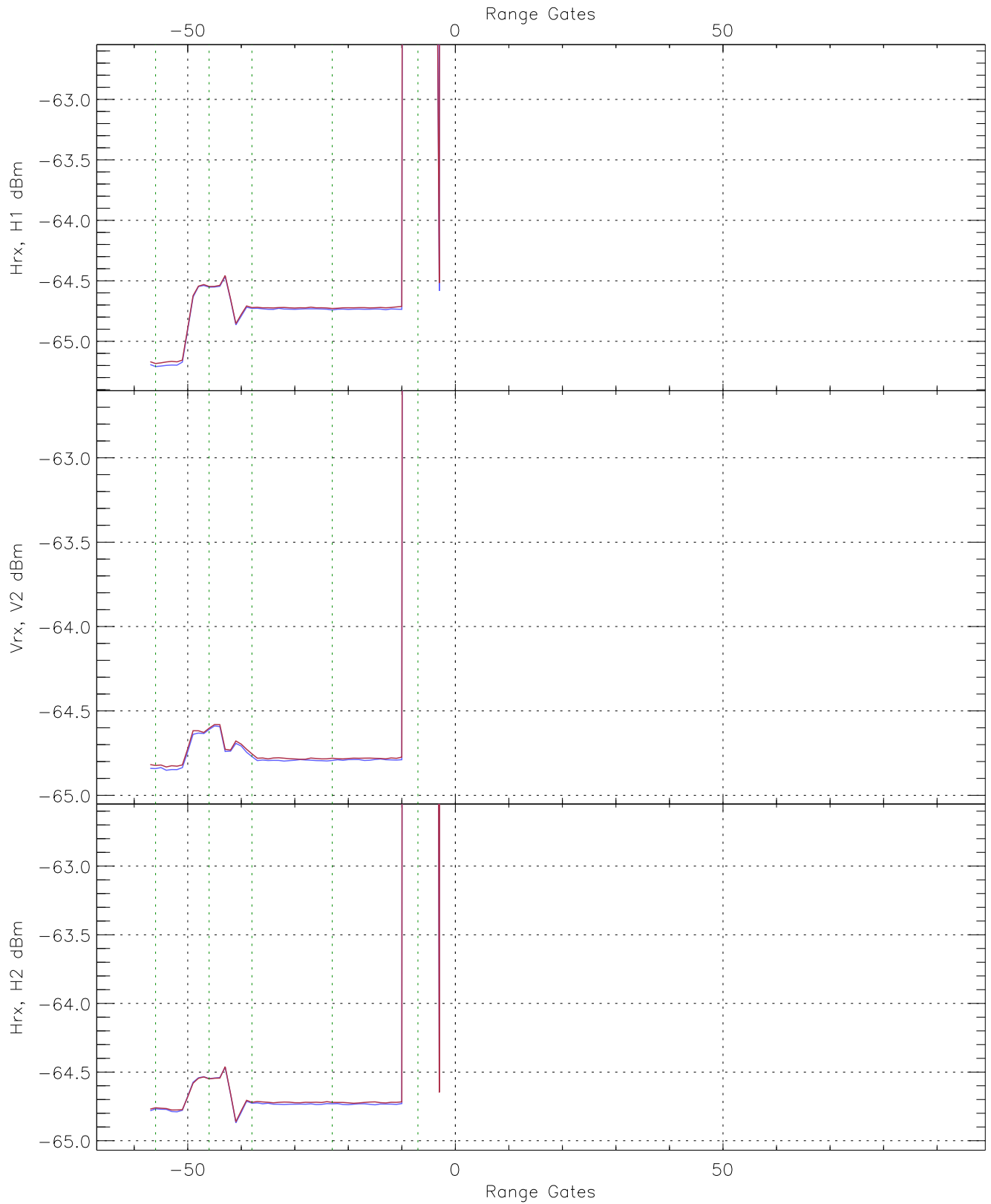


WCR3 CPP "Best" estimate Receivers Noise Power

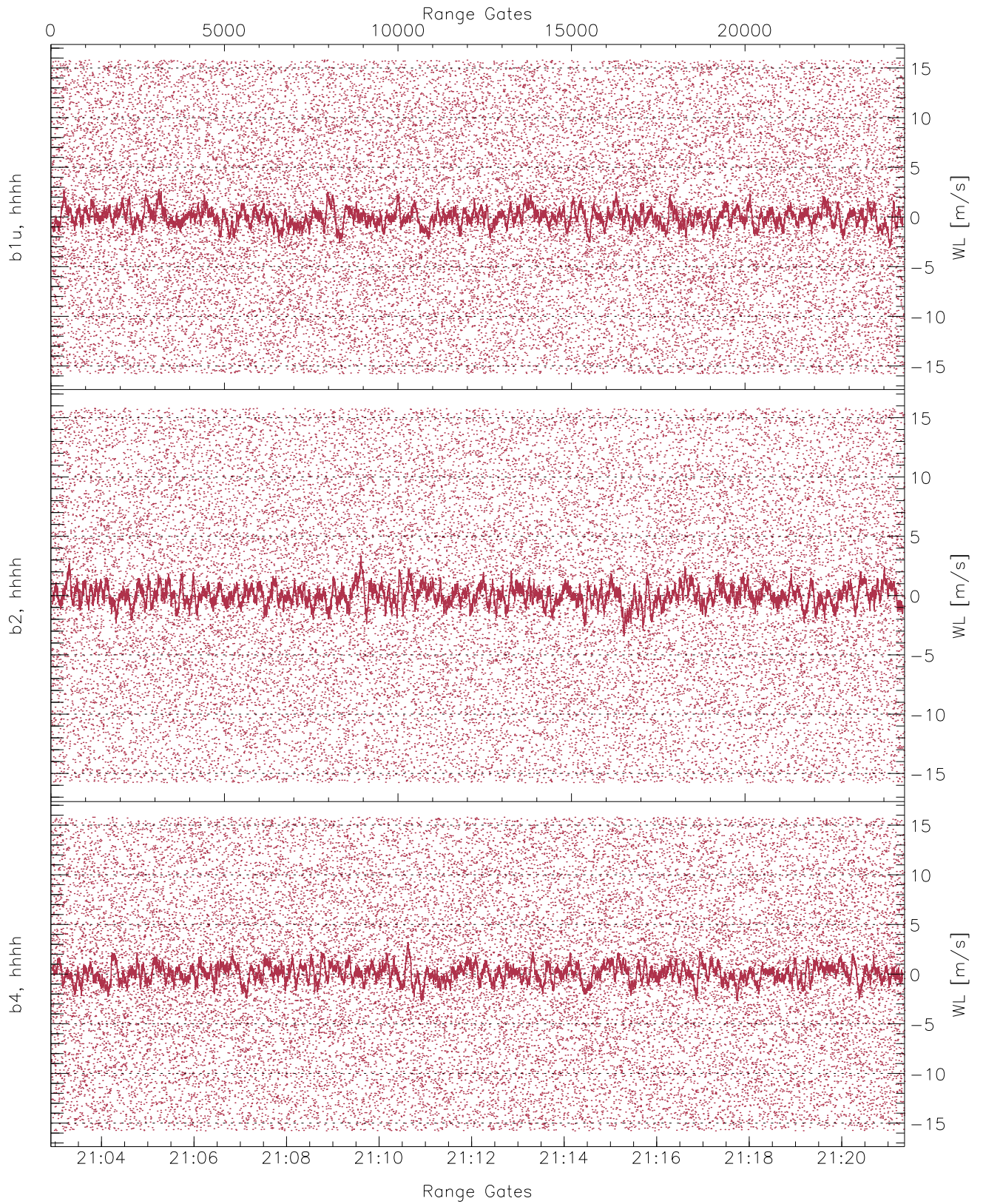
	Min	Max	Mean	Median	StDev
H1RG407_0 [dBm]	-66.48	-64.04	-65.20	-65.20	-76.68
V2RG406_0 [dBm]	-66.19	-63.70	-64.84	-64.85	-76.36
H2RG351_0 [dBm]	-66.34	-63.65	-64.79	-64.79	-76.30



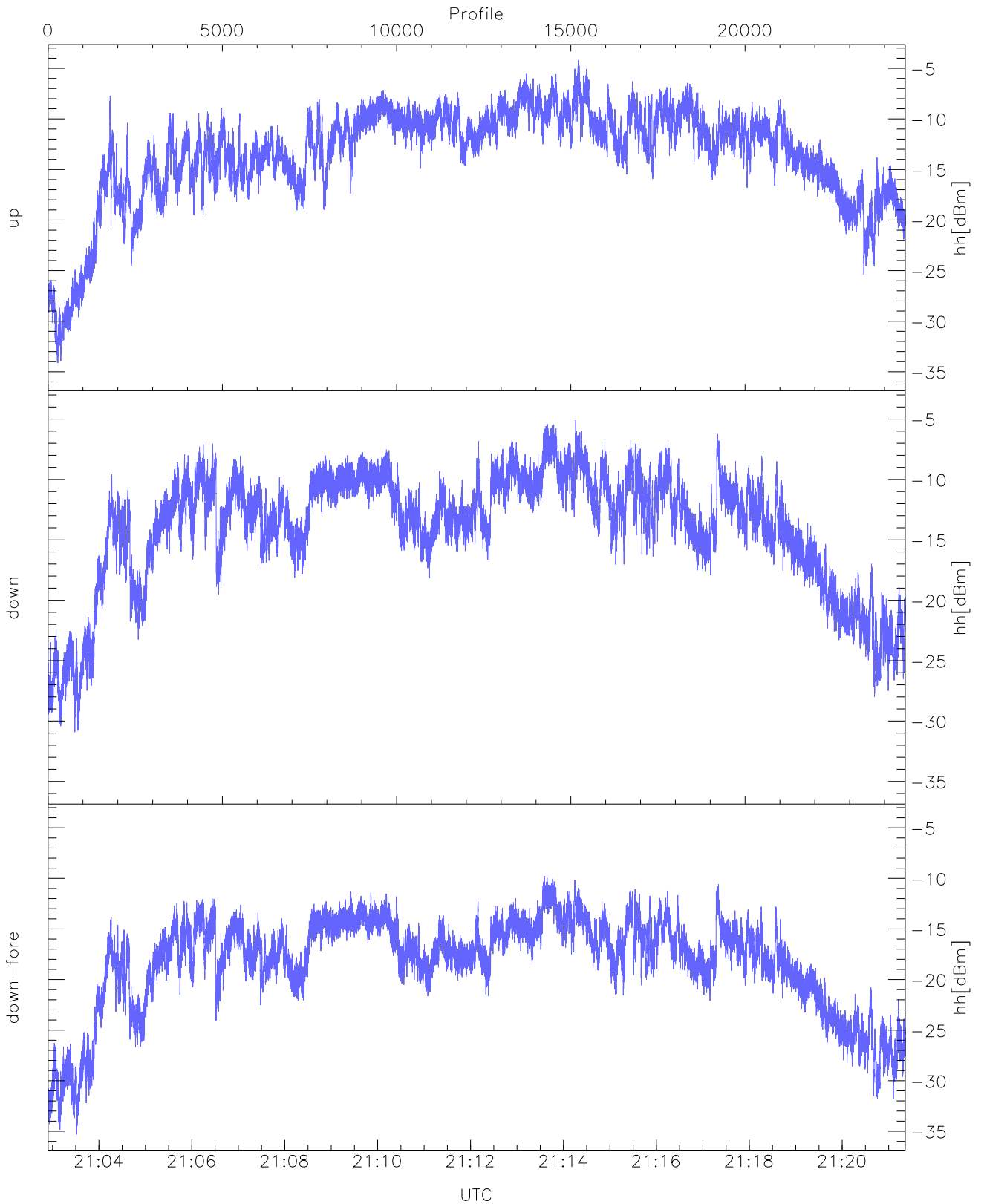
WCR3 CPP Averaged Received power for all recorded gates
blue: 210254-211208, 12299 profiles averaged
red: 211208-212121, 12299 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 210254-211208, 12299 profiles averaged
red: 211208-212121, 12299 profiles averaged

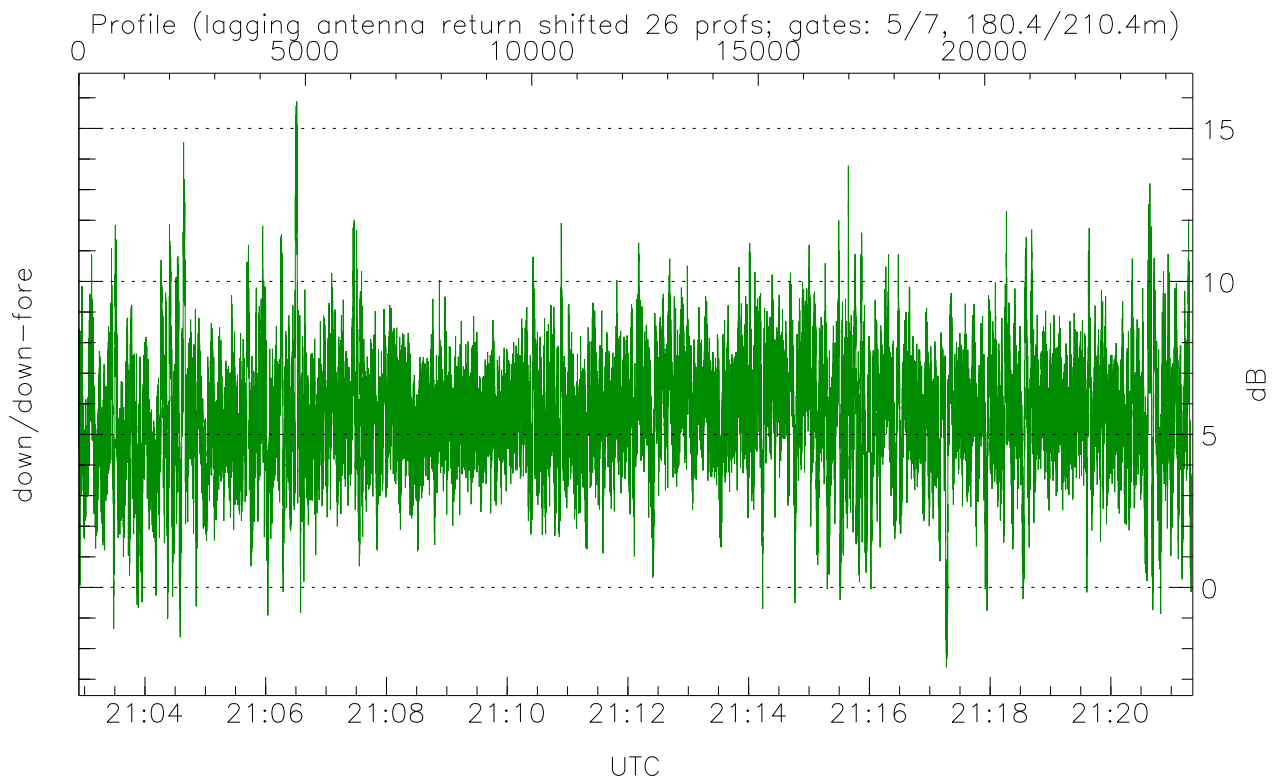
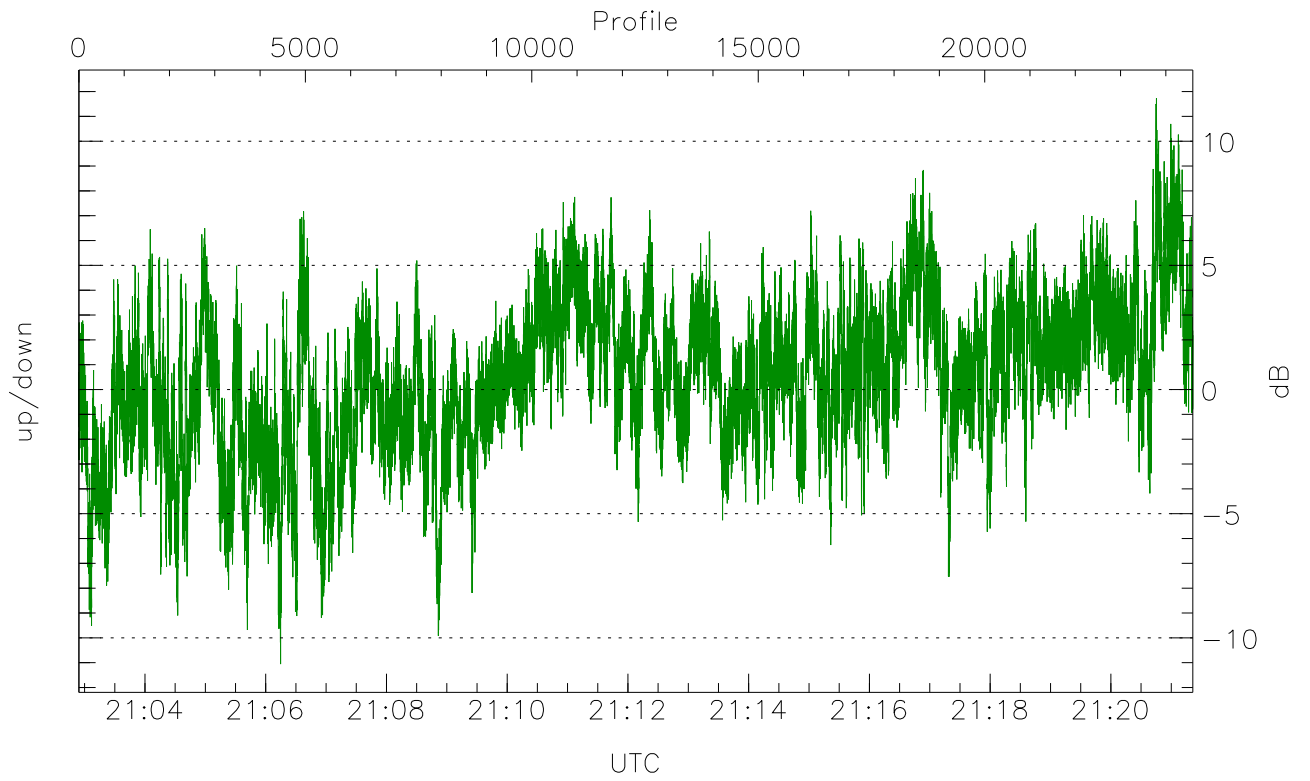


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



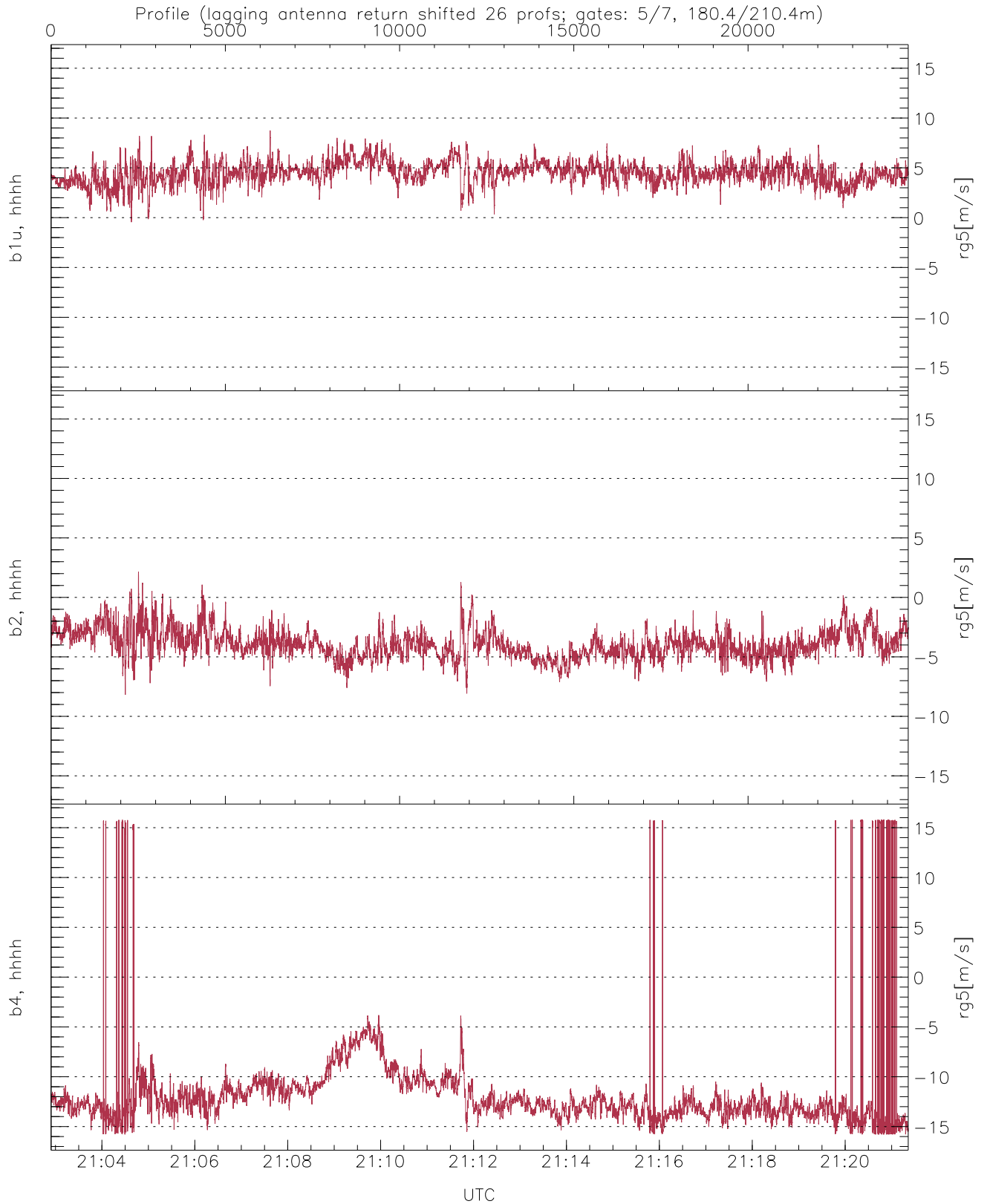
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-34.13	-4.21	-11.75
down(hh[dBm])	-30.92	-5.09	-12.21
down-fore(hh[dBm])	-35.32	-9.77	-16.63



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

	Min	Max	Mean
up/down (dB)	-11.06	11.73	0.52
down/down-fore (dB)	-2.61	15.88	5.65



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.45	8.75	4.48	1.09
b2, hhhh(rg5[m/s])	-8.18	2.16	-3.90	1.20
b4, hhhh(rg5[m/s])	-15.79	15.79	-11.84	3.68