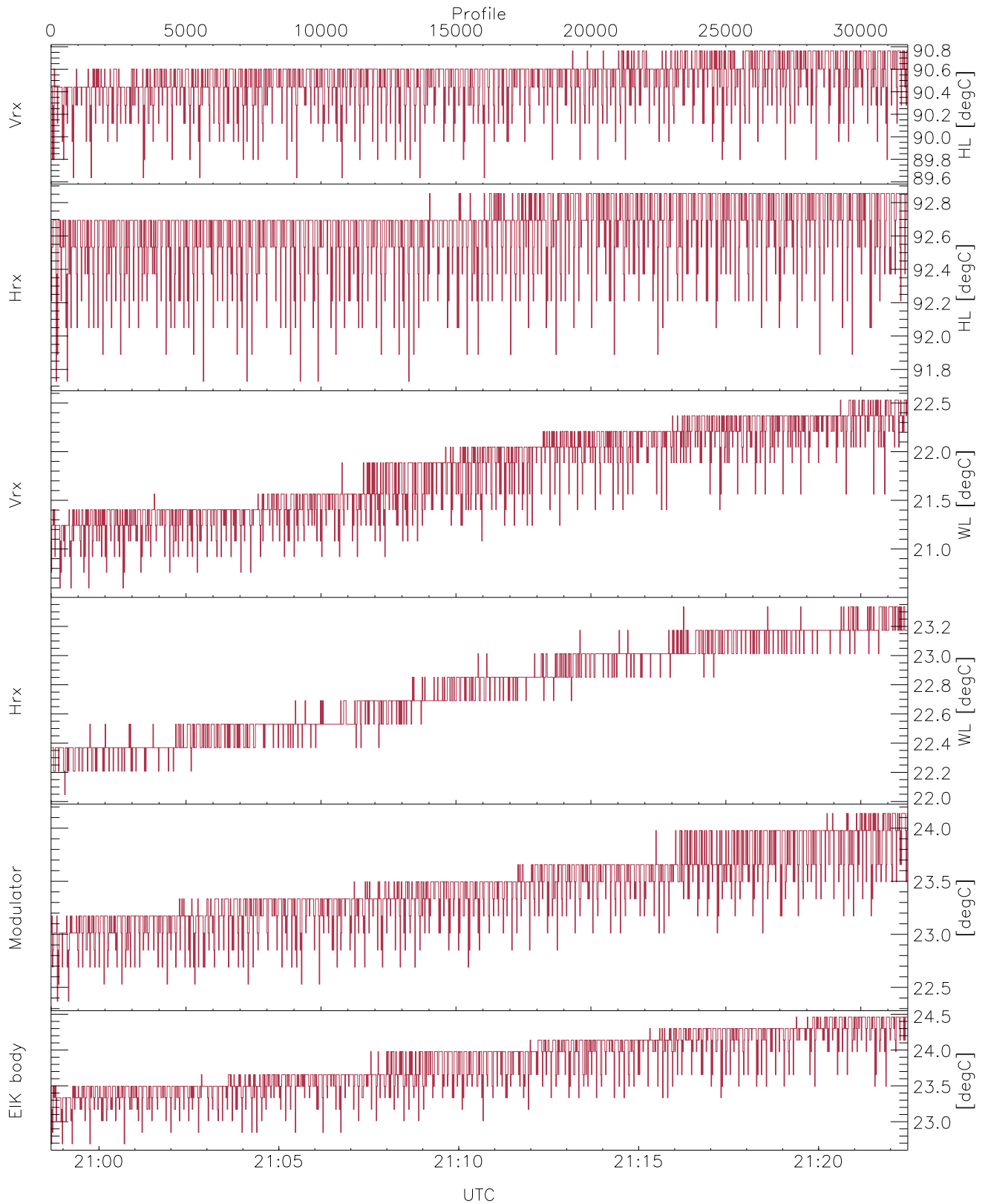


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

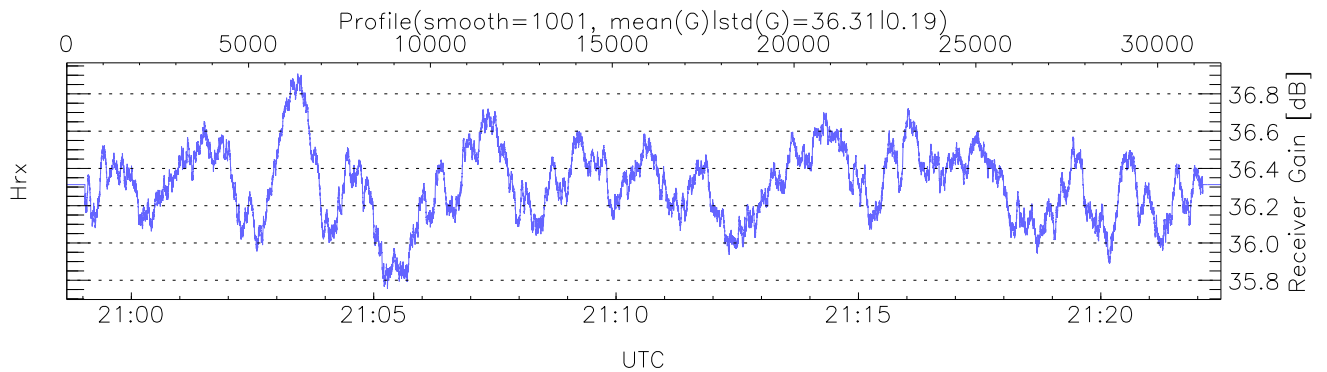
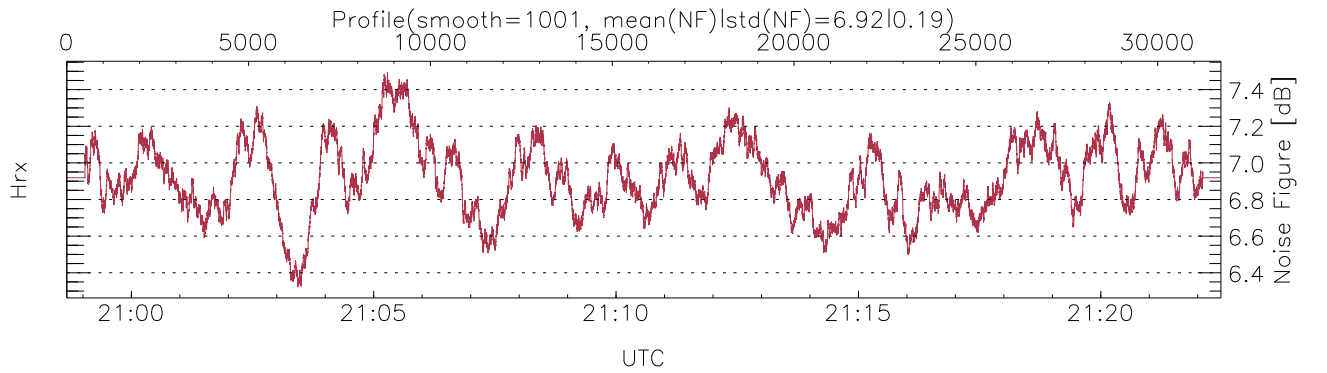
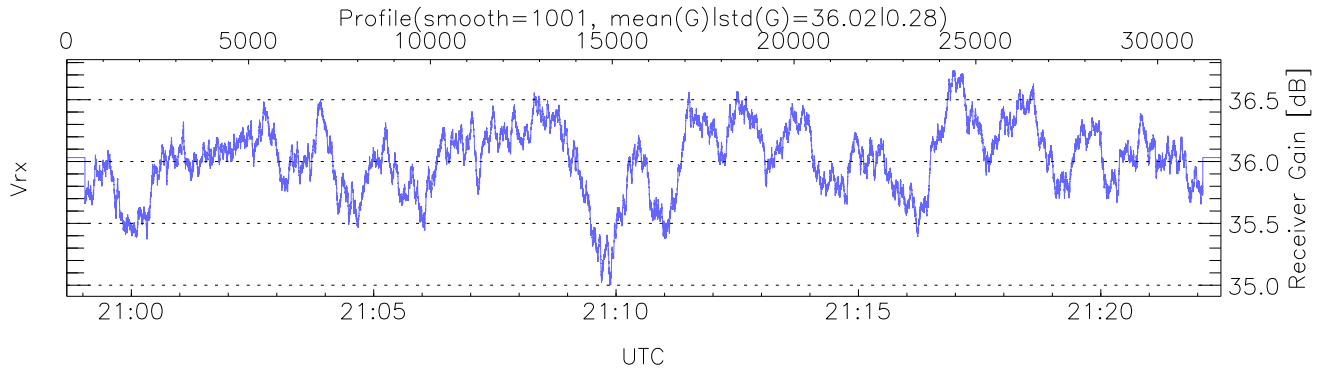
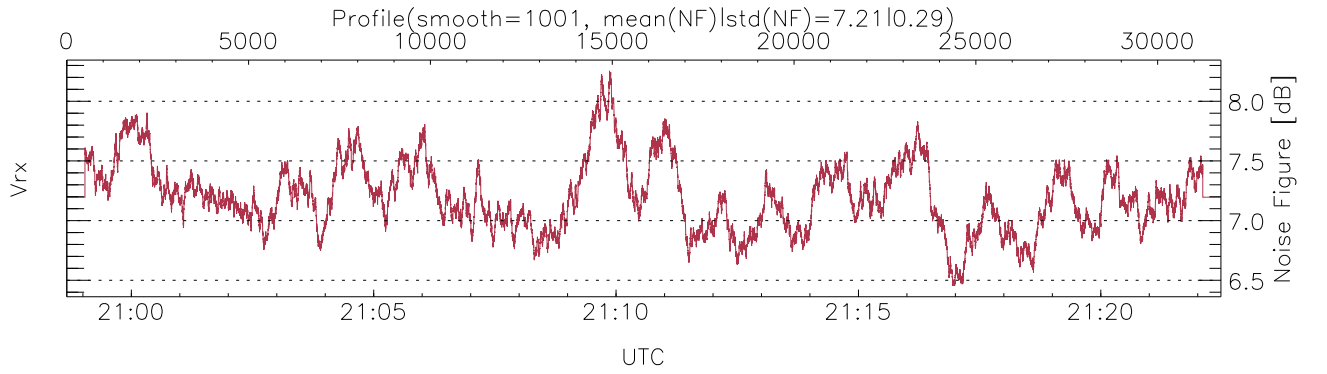
UTC: 20:58:40-21:22:29, TimeCor: 0.00s, Dur: 1428.66s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
 NumRec(r/t): 31741/31741, 0-31740/20:58:40-21:22:29
 AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, 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,x = no mirror|sidelup|error): 1



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

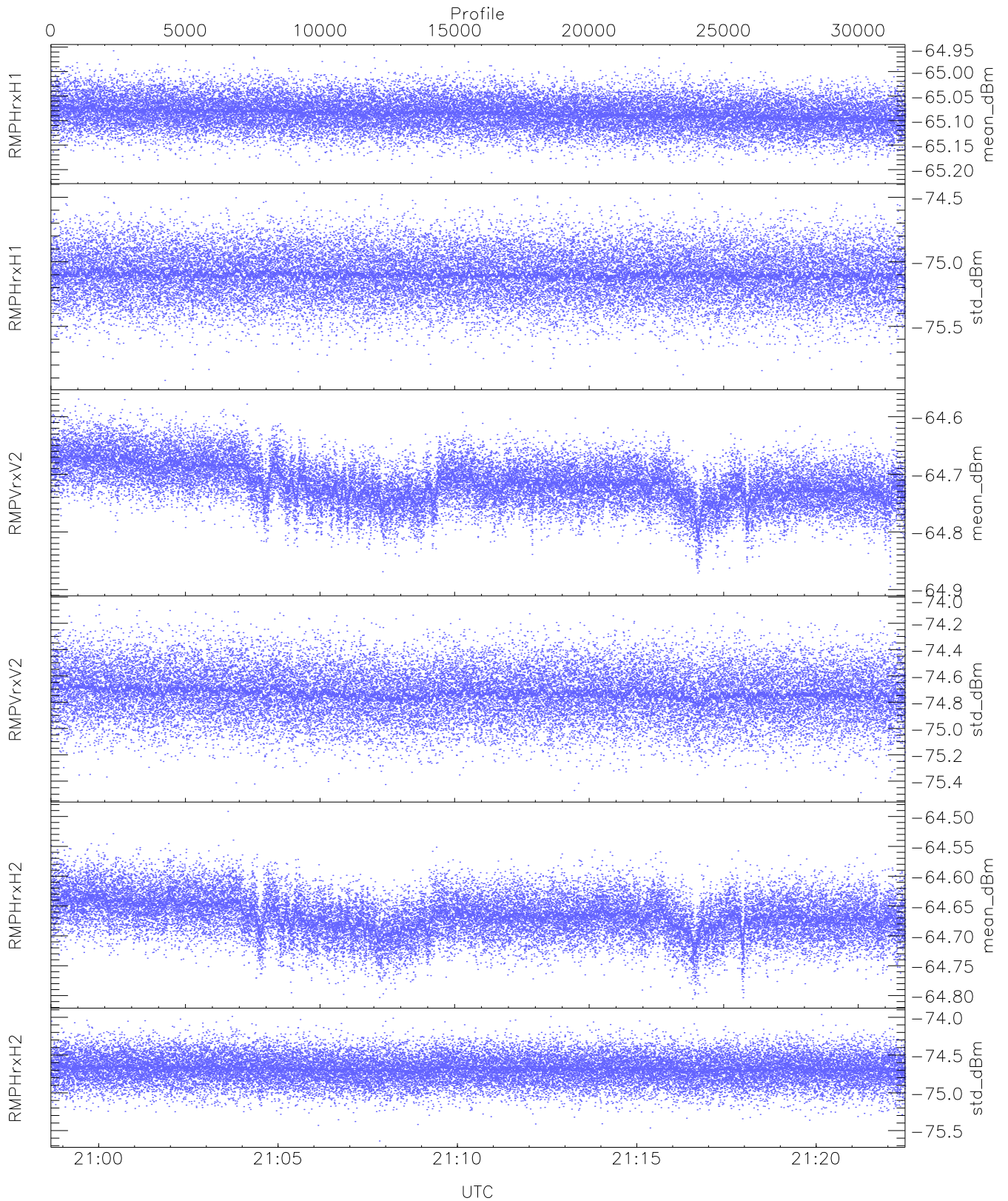
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,20,22,22,22`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,24,24`
`LOalarm(20,240,2817,14861 MHz): None`

`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (90,90,136,90,136,136,136,66)`



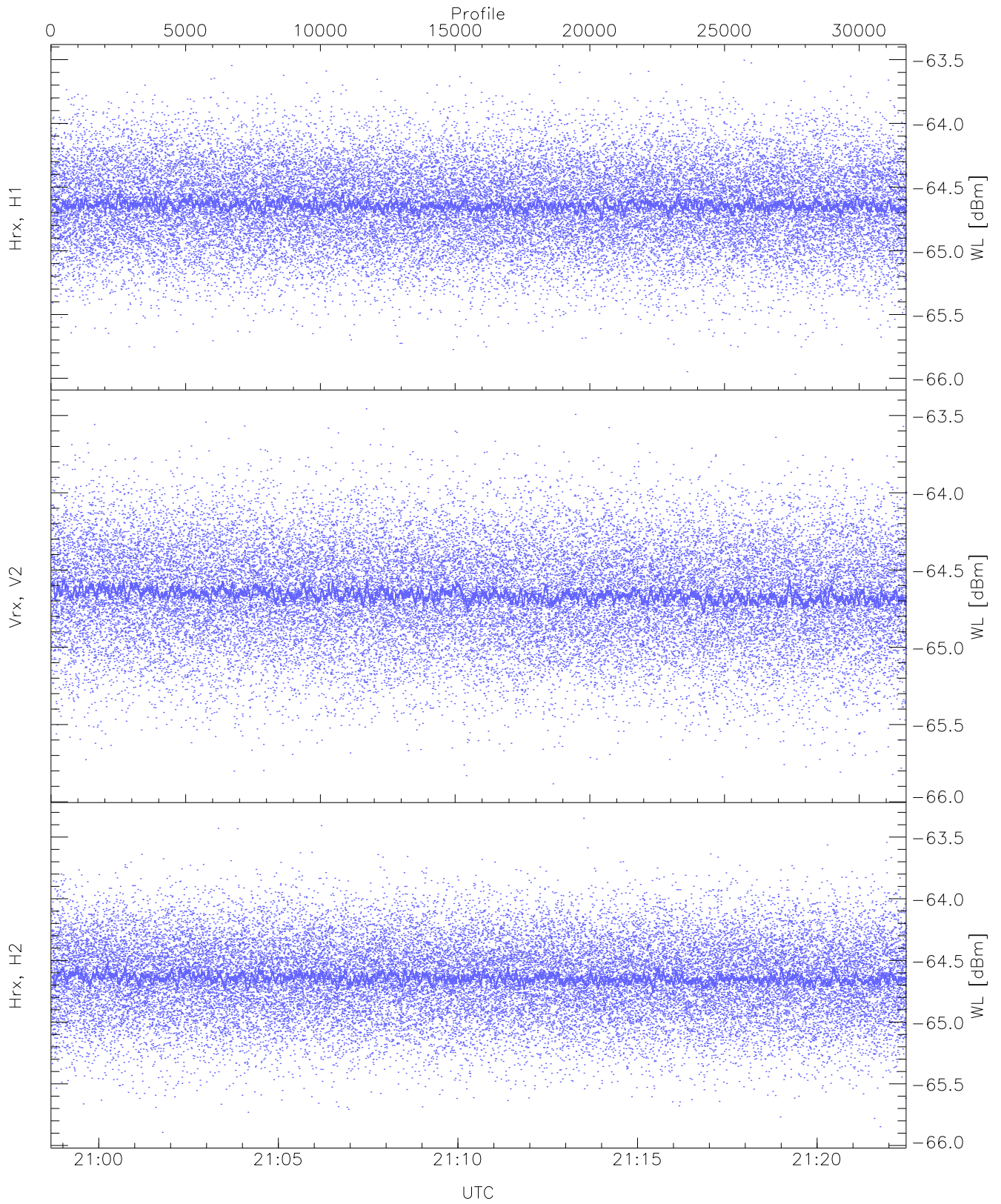
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 10 pixs, 6 gates, 10 profs, 1 prod(s)



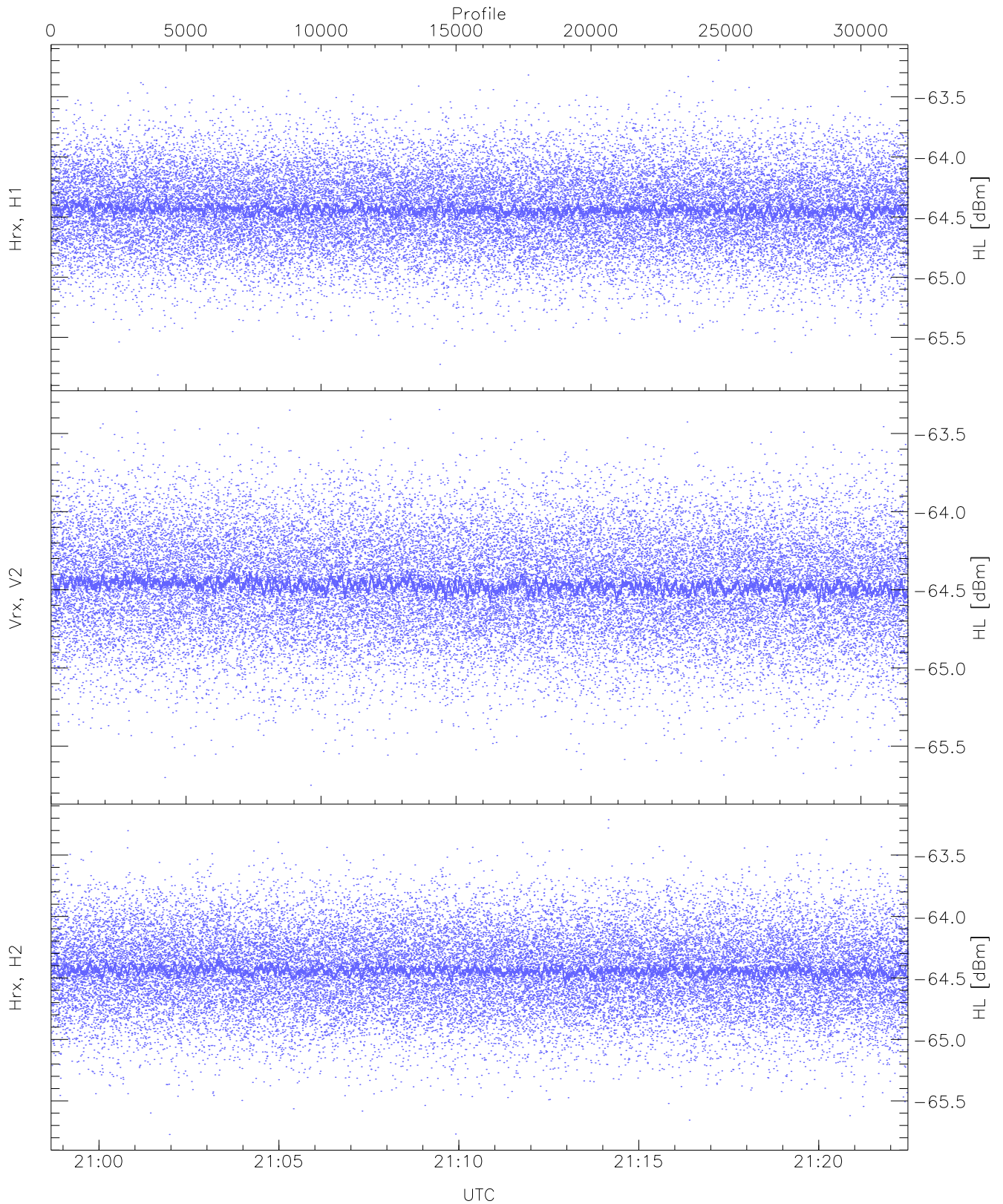
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.22	-64.96	-65.09	-65.09	-86.60
RMPHrxH1(std_dBm)	-75.92	-74.47	-75.10	-75.10	-88.88
RMPVrxV2(mean_dBm)	-64.89	-64.57	-64.72	-64.72	-85.16
RMPVrxV2(std_dBm)	-75.49	-74.06	-74.73	-74.73	-88.48
RMPHrxH2(mean_dBm)	-64.81	-64.49	-64.67	-64.67	-85.62
RMPHrxH2(std_dBm)	-75.64	-73.96	-74.68	-74.69	-88.44



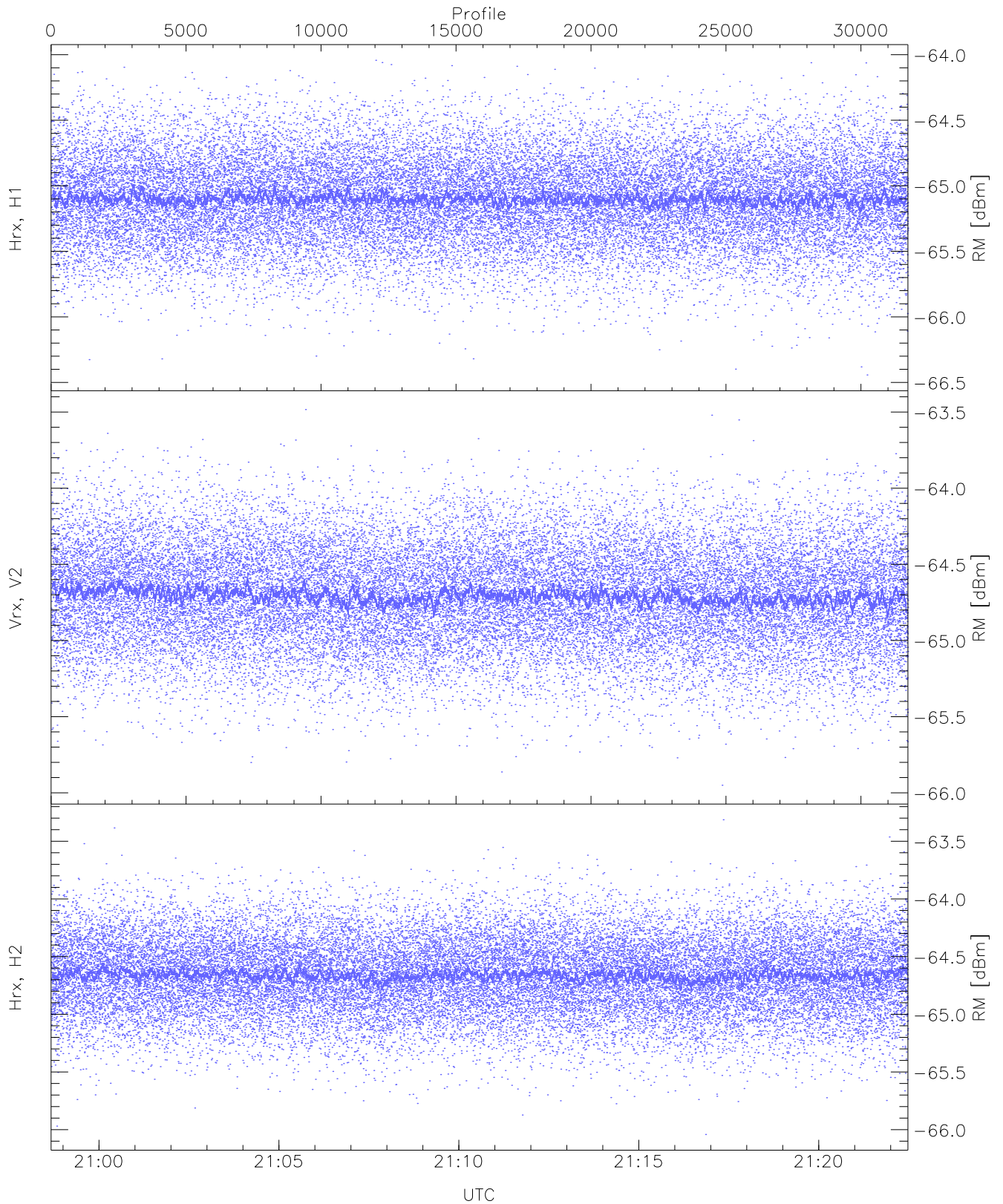
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.97	-63.50	-64.64	-64.64	-76.14
Vrx, V2 (WL [dBm])	-65.88	-63.46	-64.65	-64.66	-76.14
Hrx, H2 (WL [dBm])	-65.89	-63.35	-64.64	-64.64	-76.16



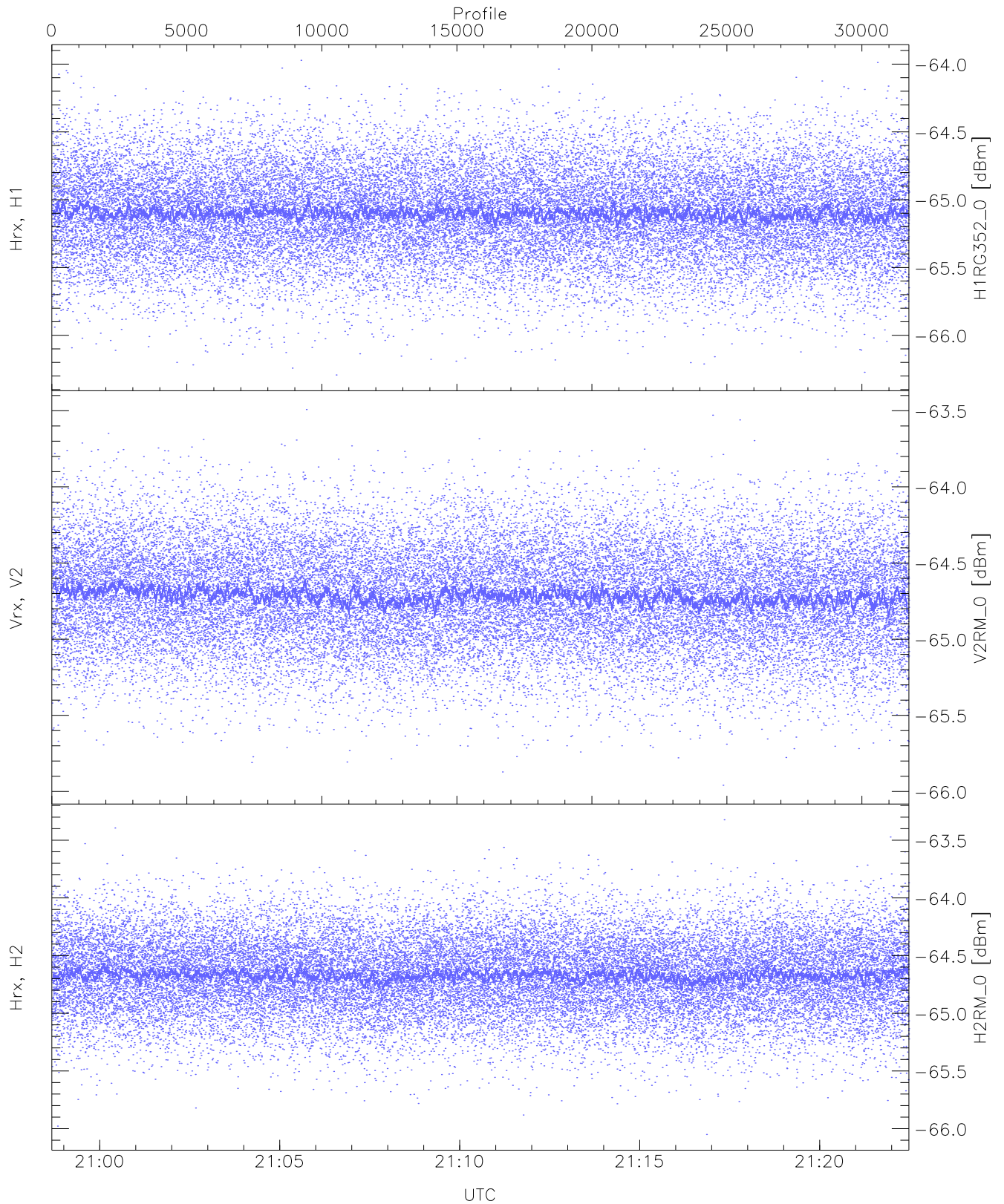
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.81	-63.20	-64.43	-64.44	-75.95
Vrx, V2 (HL [dBm])	-65.75	-63.35	-64.47	-64.47	-75.98
Hrx, H2 (HL [dBm])	-65.77	-63.21	-64.43	-64.44	-75.94



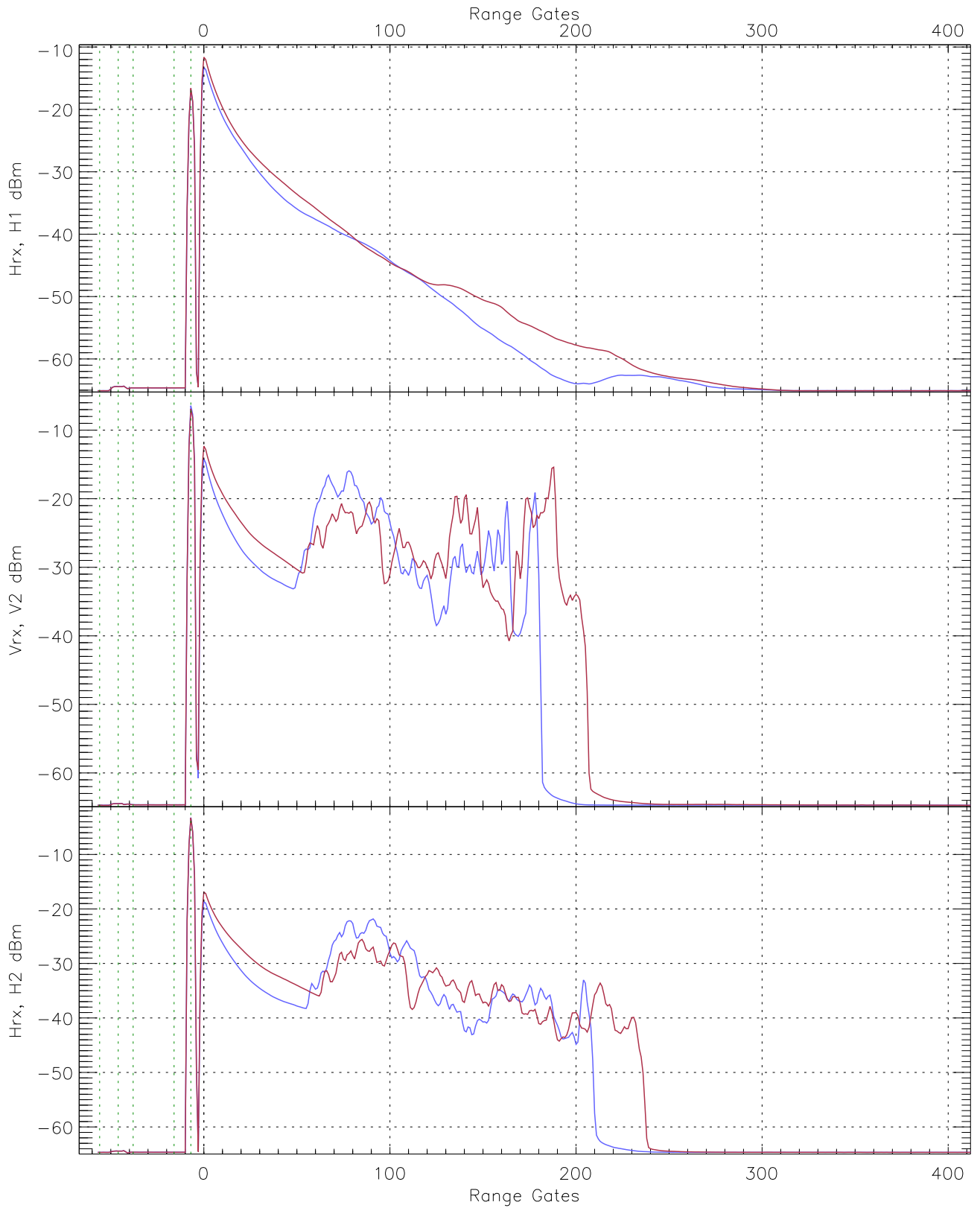
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.44	-64.04	-65.09	-65.10	-76.59
Vrx, V2 (RM [dBm])	-65.95	-63.48	-64.70	-64.71	-76.22
Hrx, H2 (RM [dBm])	-66.04	-63.31	-64.66	-64.66	-76.15

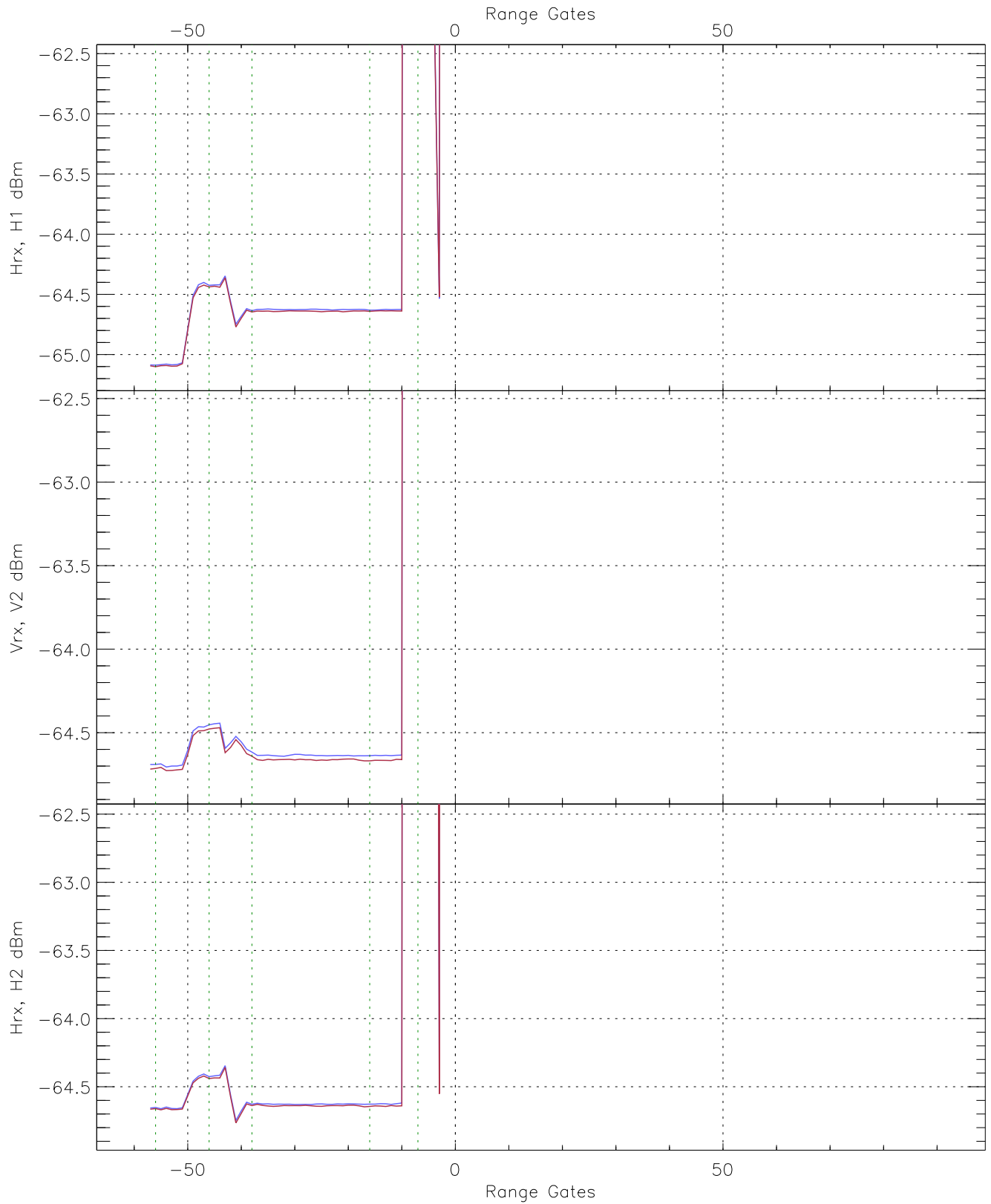


WCR3 CPP "Best" estimate Receivers Noise Power

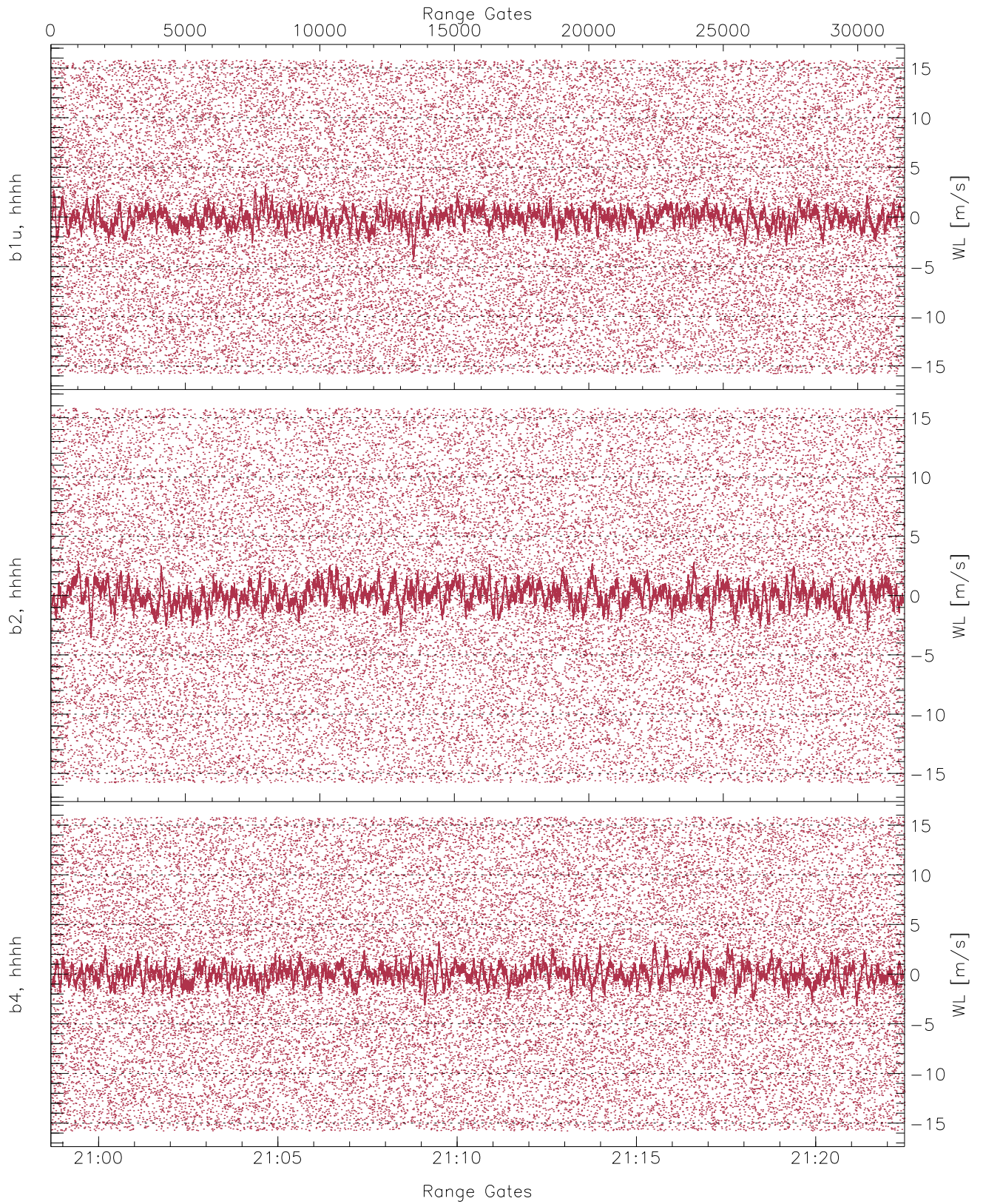
	Min	Max	Mean	Median	StDev
H1RG352_0 [dBm]	-66.29	-63.97	-65.09	-65.10	-76.63
V2RM_0 [dBm]	-65.96	-63.49	-64.71	-64.72	-76.23
H2RM_0 [dBm]	-66.05	-63.32	-64.66	-64.67	-76.16



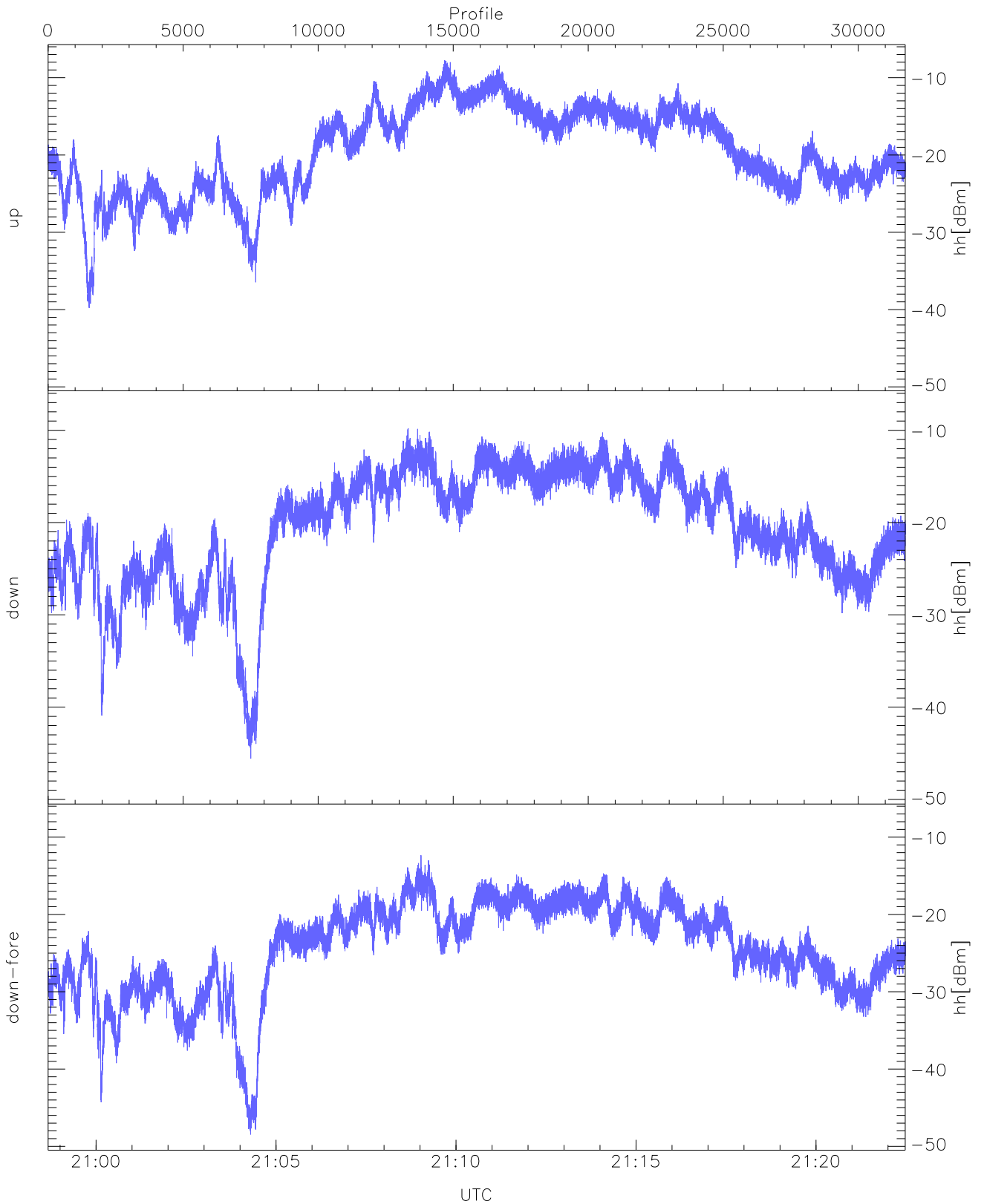
WCR3 CPP Averaged Received power for all recorded gates
blue: 205840-211034, 15871 profiles averaged
red: 211034-212229, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 205840-211034, 15871 profiles averaged
red: 211034-212229, 15871 profiles averaged

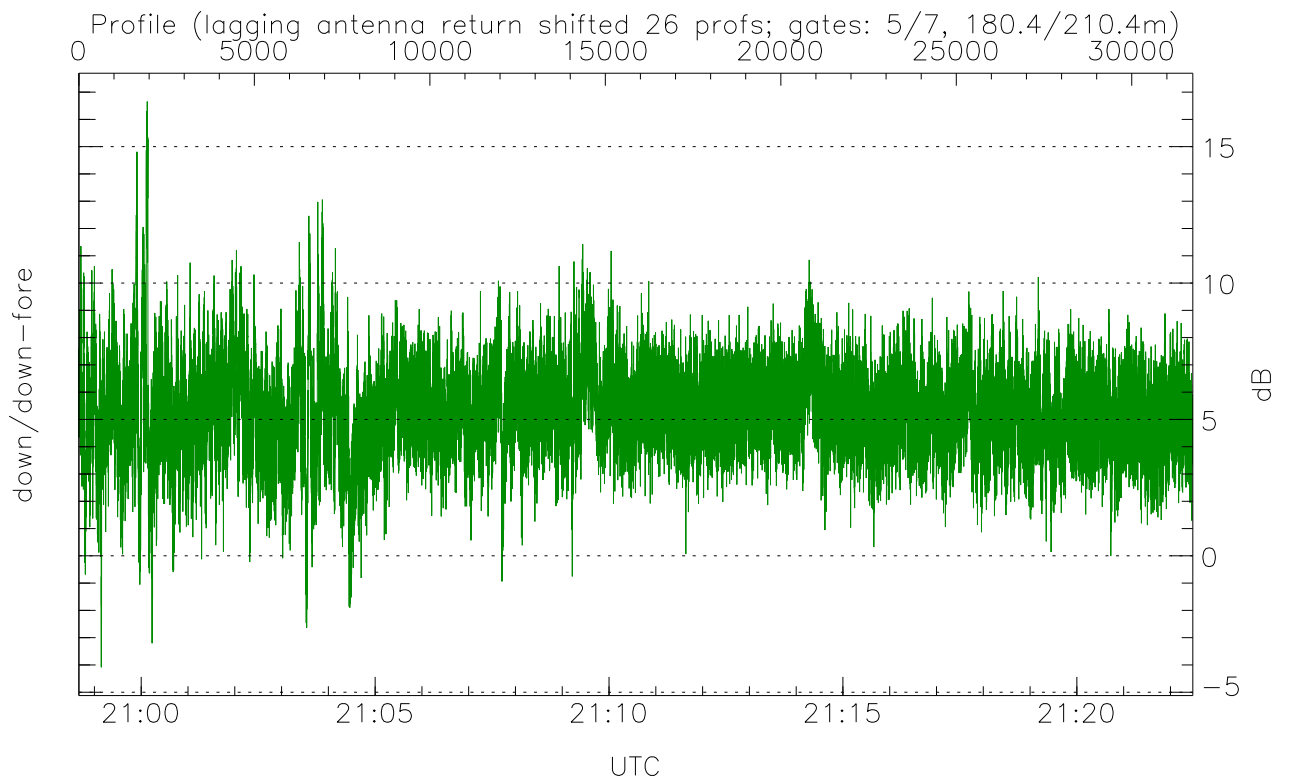
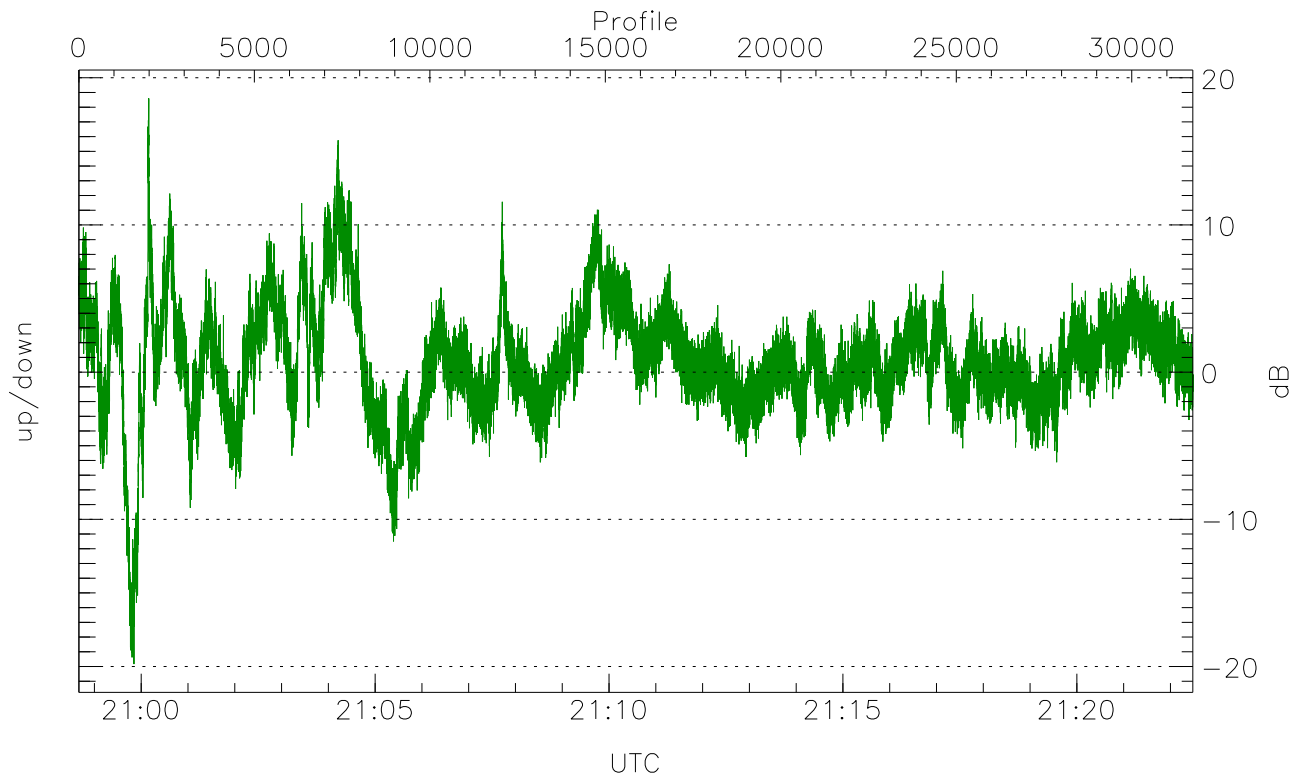


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



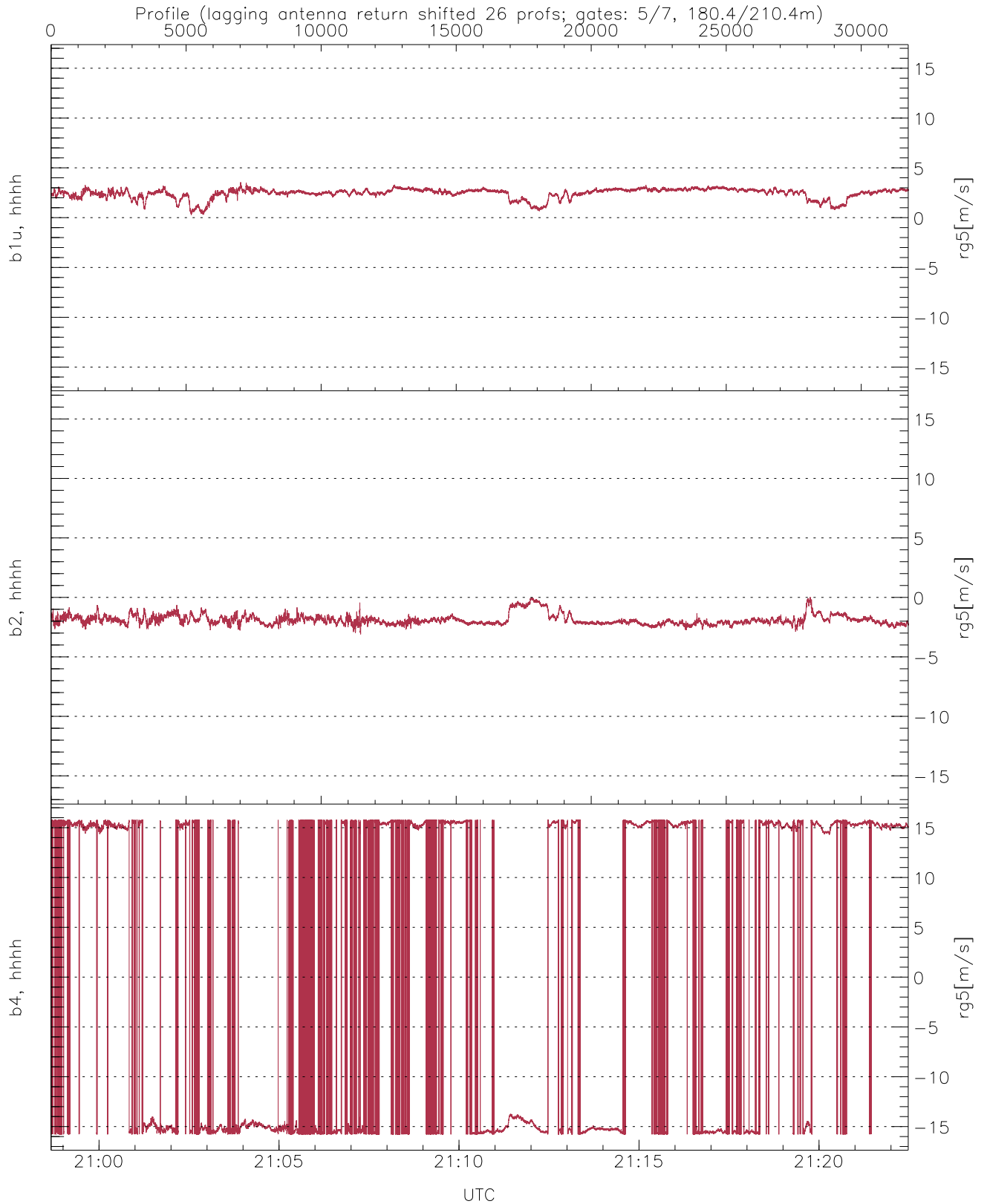
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-39.78	-7.75	-16.66
down(hh[dBm])	-45.57	-9.78	-17.42
down-fore(hh[dBm])	-48.46	-12.34	-21.50



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

	Min	Max	Mean
up/down (dB)	-19.83	18.60	0.79
down/down-fore (dB)	-4.09	16.66	5.30



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.26	3.56	2.42	0.52
b2, hhhh(rg5[m/s])	-3.10	0.03	-1.87	0.44
b4, hhhh(rg5[m/s])	-15.79	15.79	0.58	15.36