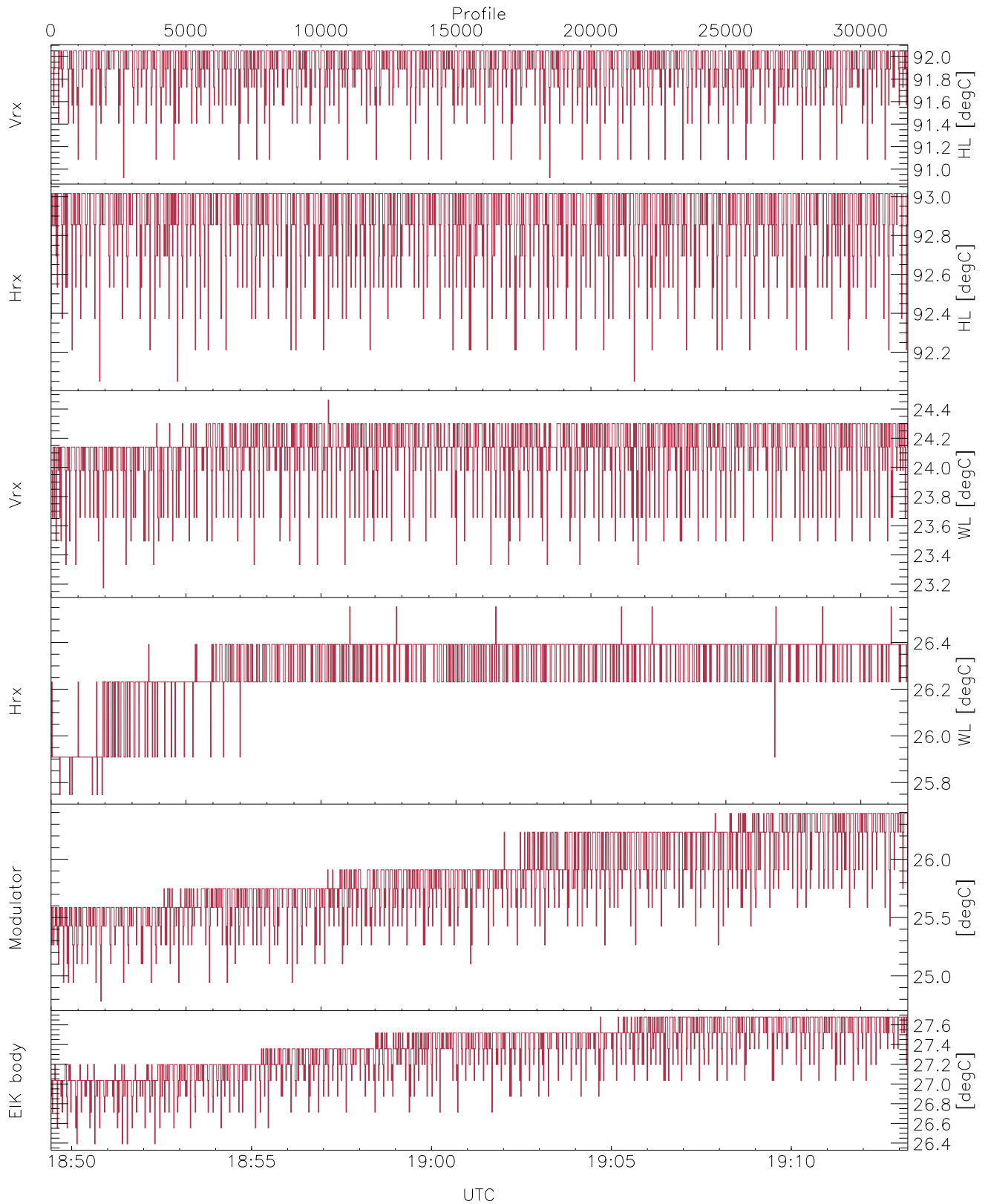


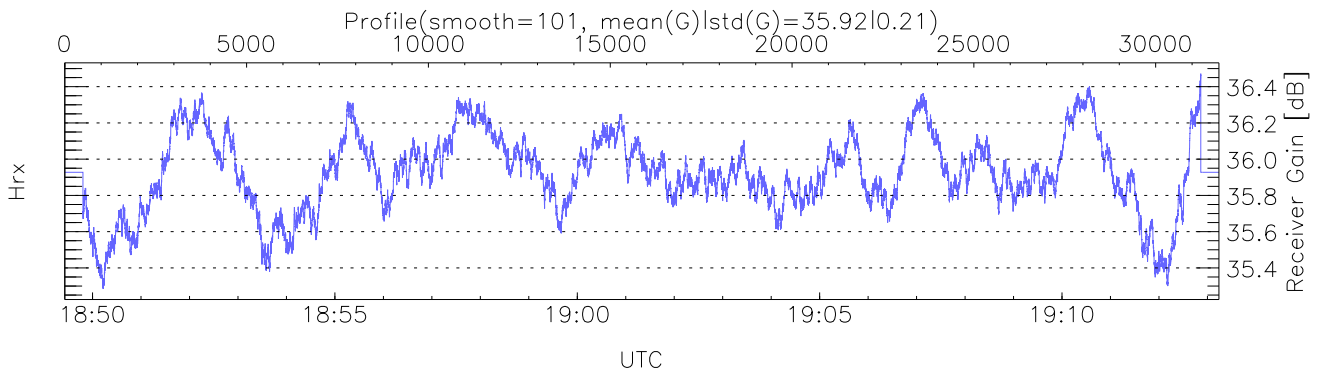
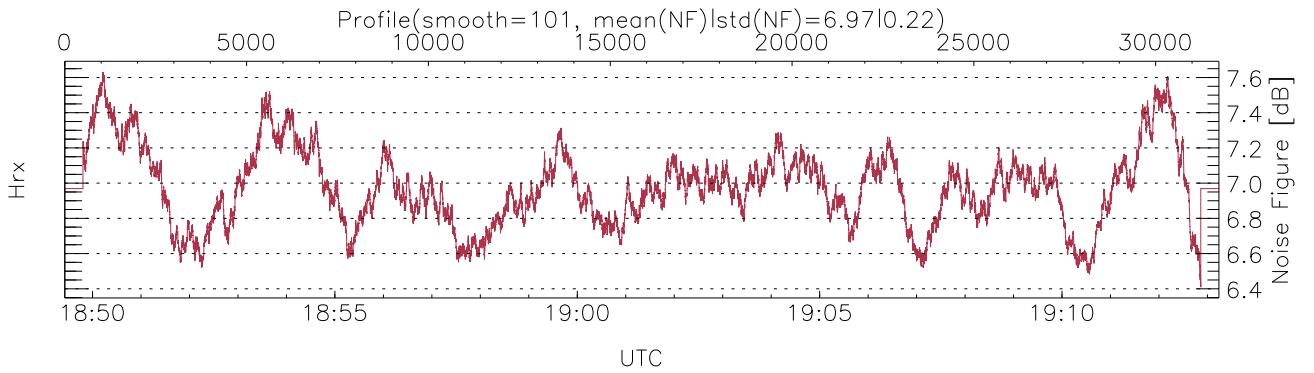
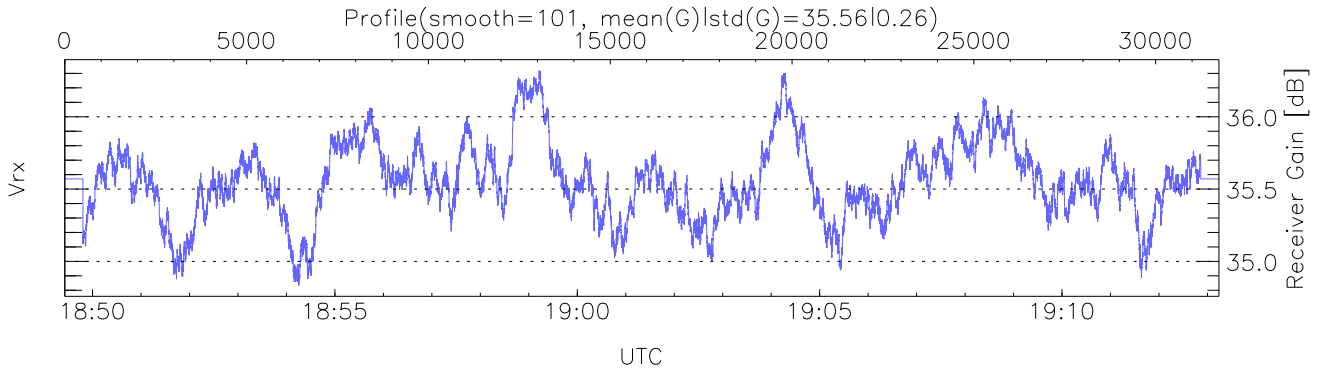
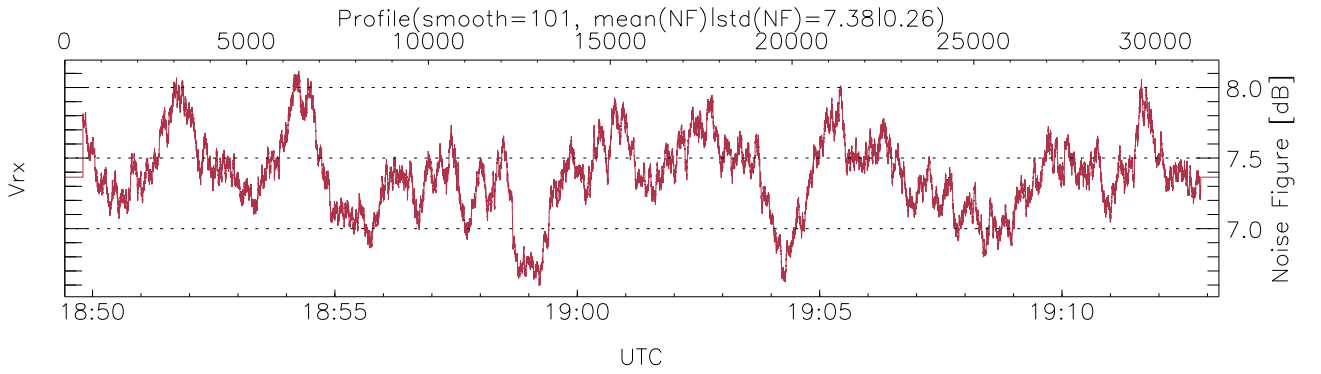
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:49:26-19:13:14, 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, 0-31740/18:49:26-19:13:14
 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



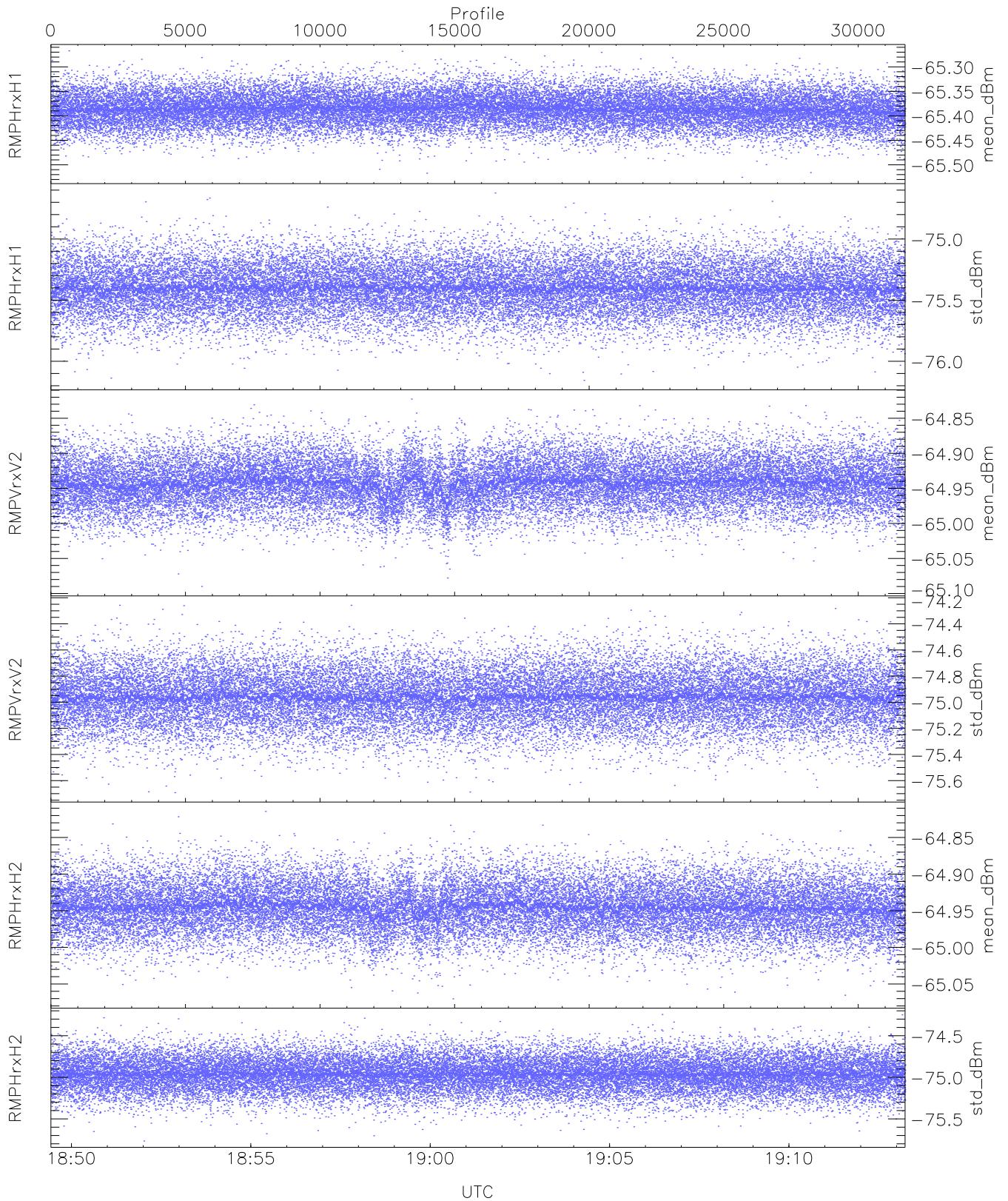
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,24,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)`



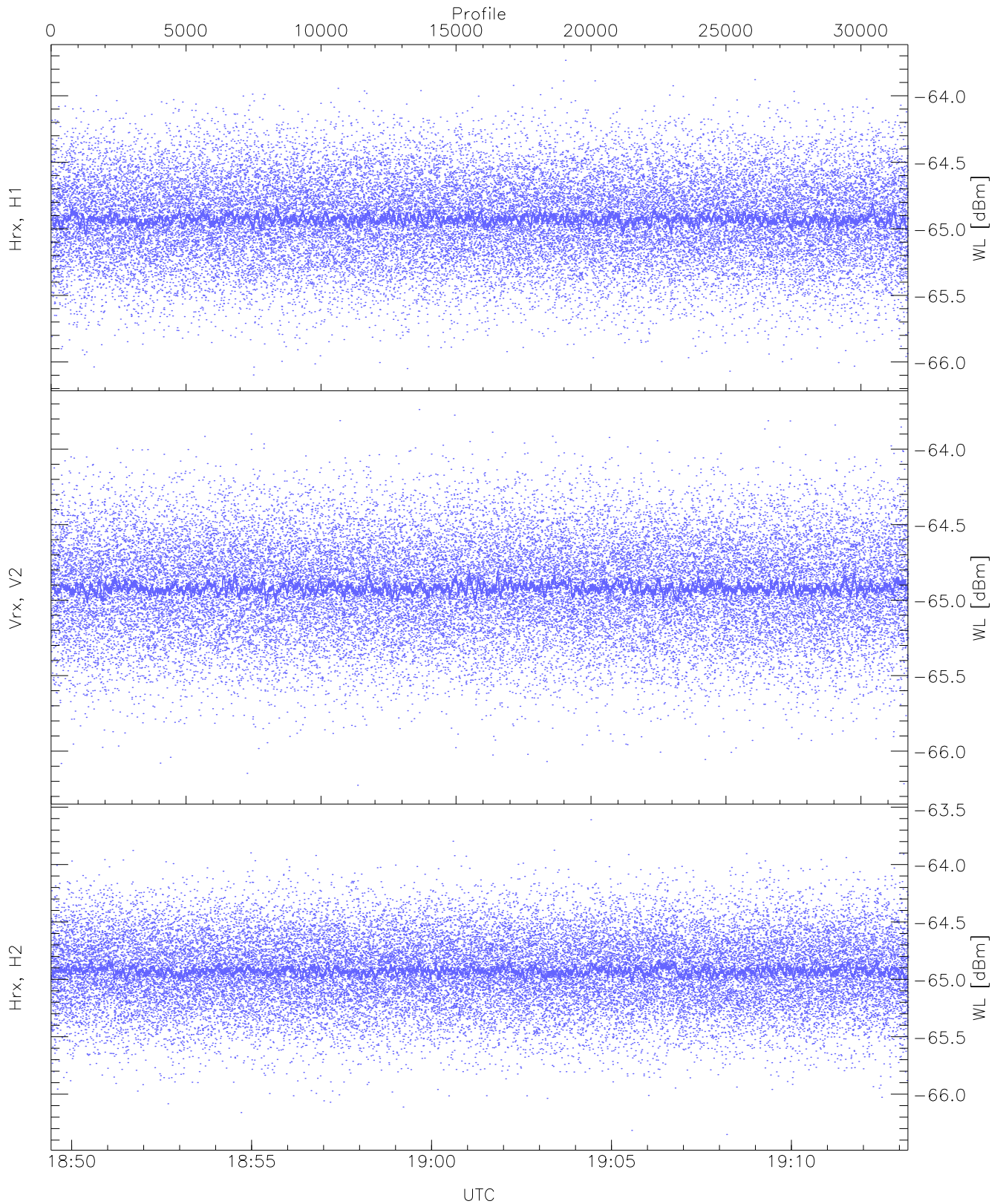
WCR3 CPP Receivers Gain and Noise Figure

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



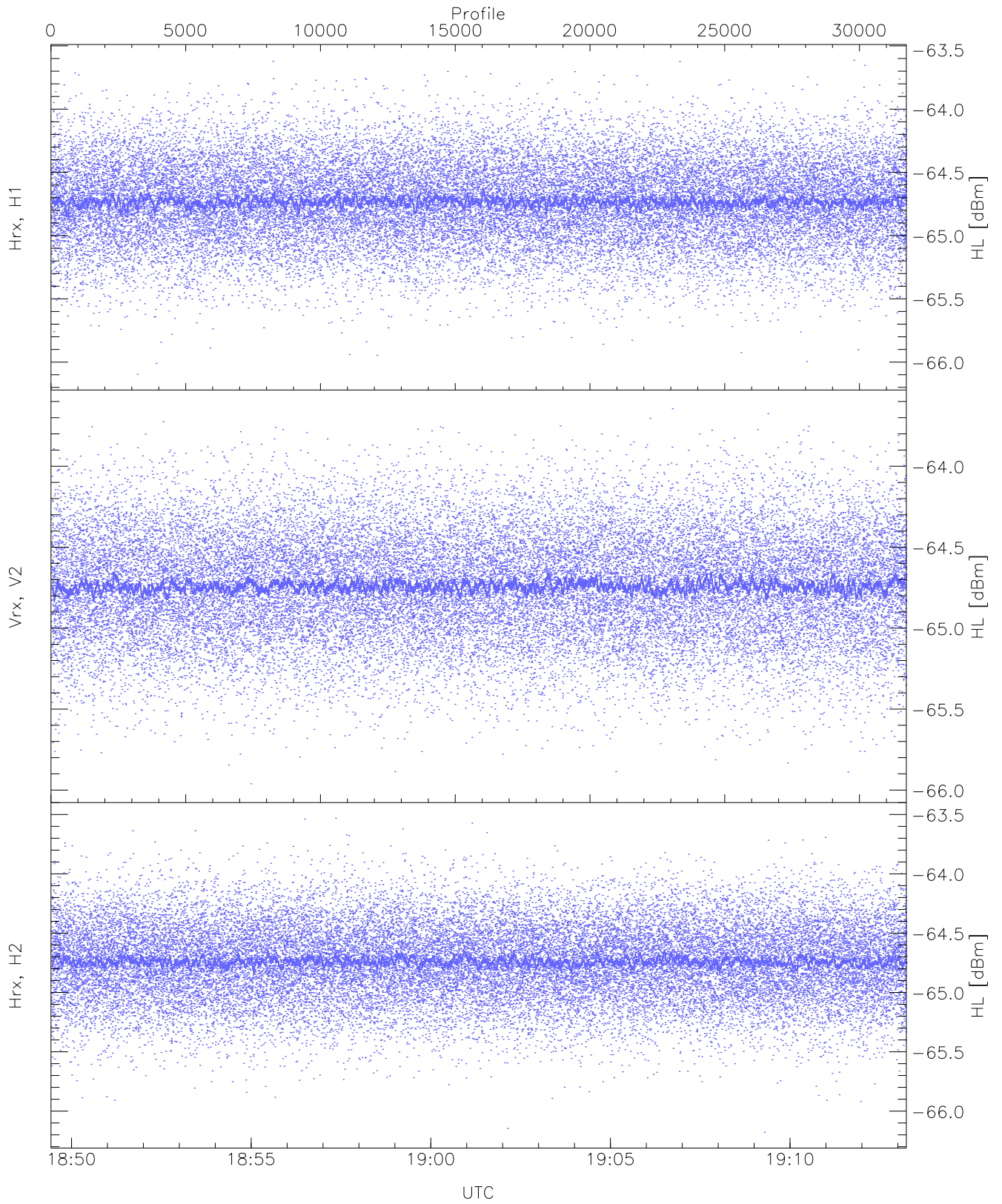
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.27	-65.39	-65.39	-86.96
RMPHrxH1(std_dBm)	-76.16	-74.62	-75.40	-75.40	-89.17
RMPVrxV2(mean_dBm)	-65.09	-64.82	-64.94	-64.94	-86.46
RMPVrxV2(std_dBm)	-75.69	-74.26	-74.96	-74.96	-88.73
RMPHrxH2(mean_dBm)	-65.07	-64.81	-64.95	-64.95	-86.50
RMPHrxH2(std_dBm)	-75.77	-74.24	-74.96	-74.96	-88.76



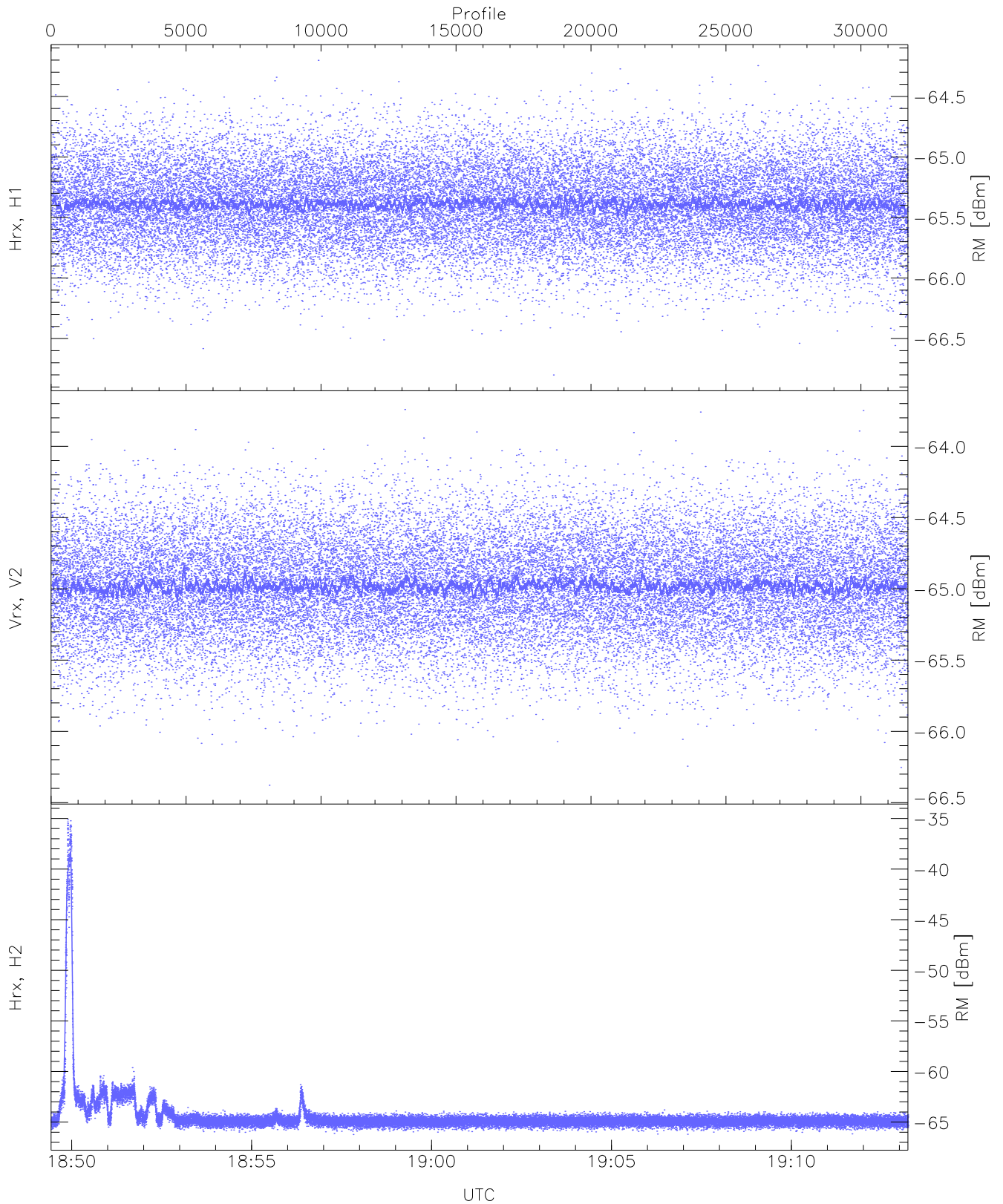
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.10	-63.73	-64.92	-64.93	-76.45
Vrx, V2 (WL [dBm])	-66.23	-63.74	-64.91	-64.92	-76.44
Hrx, H2 (WL [dBm])	-66.35	-63.61	-64.92	-64.93	-76.41



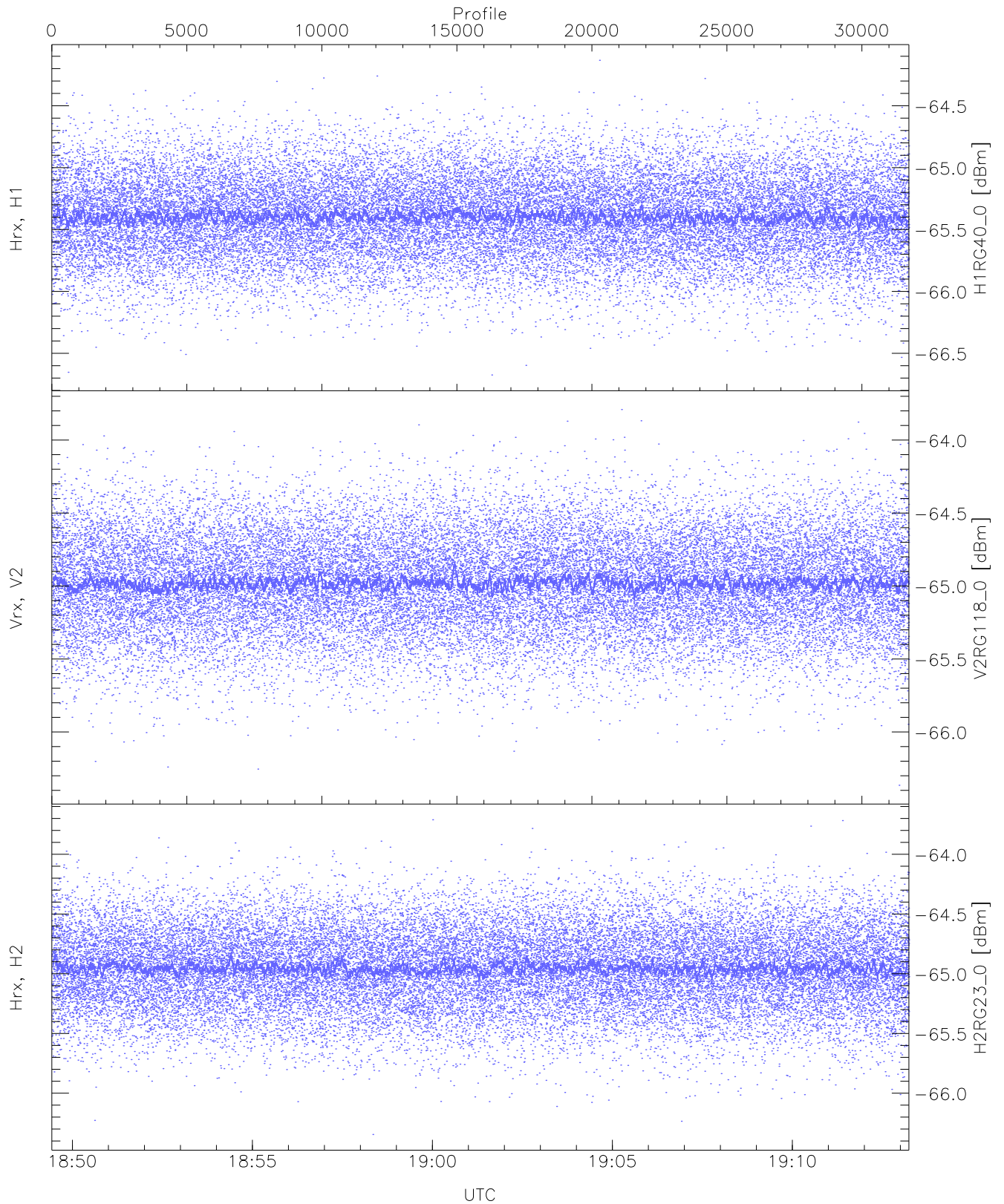
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.10	-63.61	-64.73	-64.73	-76.24
Vrx, V2 (HL [dBm])	-65.96	-63.64	-64.73	-64.74	-76.23
Hrx, H2 (HL [dBm])	-66.18	-63.53	-64.73	-64.74	-76.24



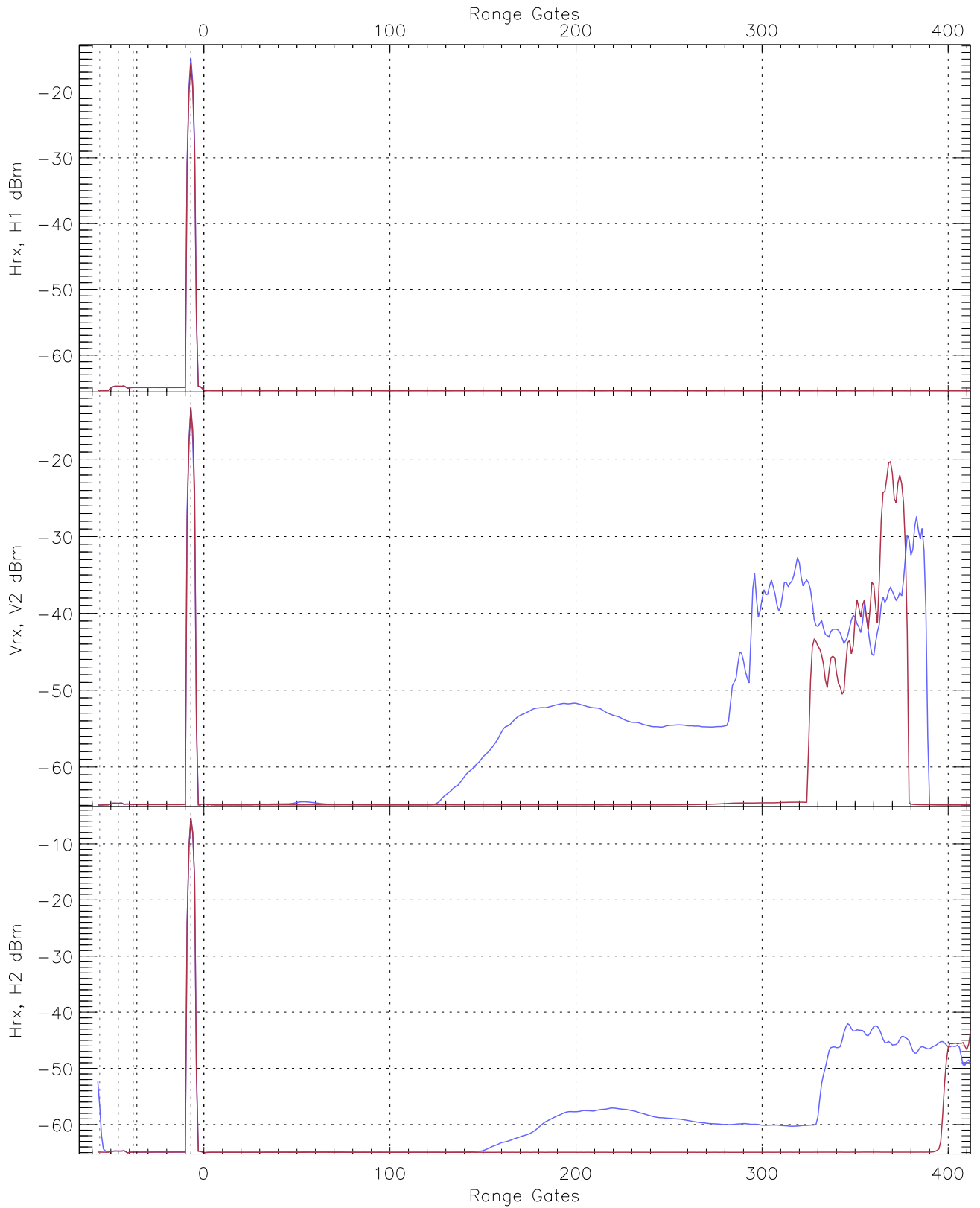
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.80	-64.20	-65.38	-65.39	-76.88
Vrx, V2 (RM [dBm])	-66.38	-63.74	-64.97	-64.98	-76.44
Hrx, H2 (RM [dBm])	-66.22	-35.13	-59.05	-64.86	-49.16

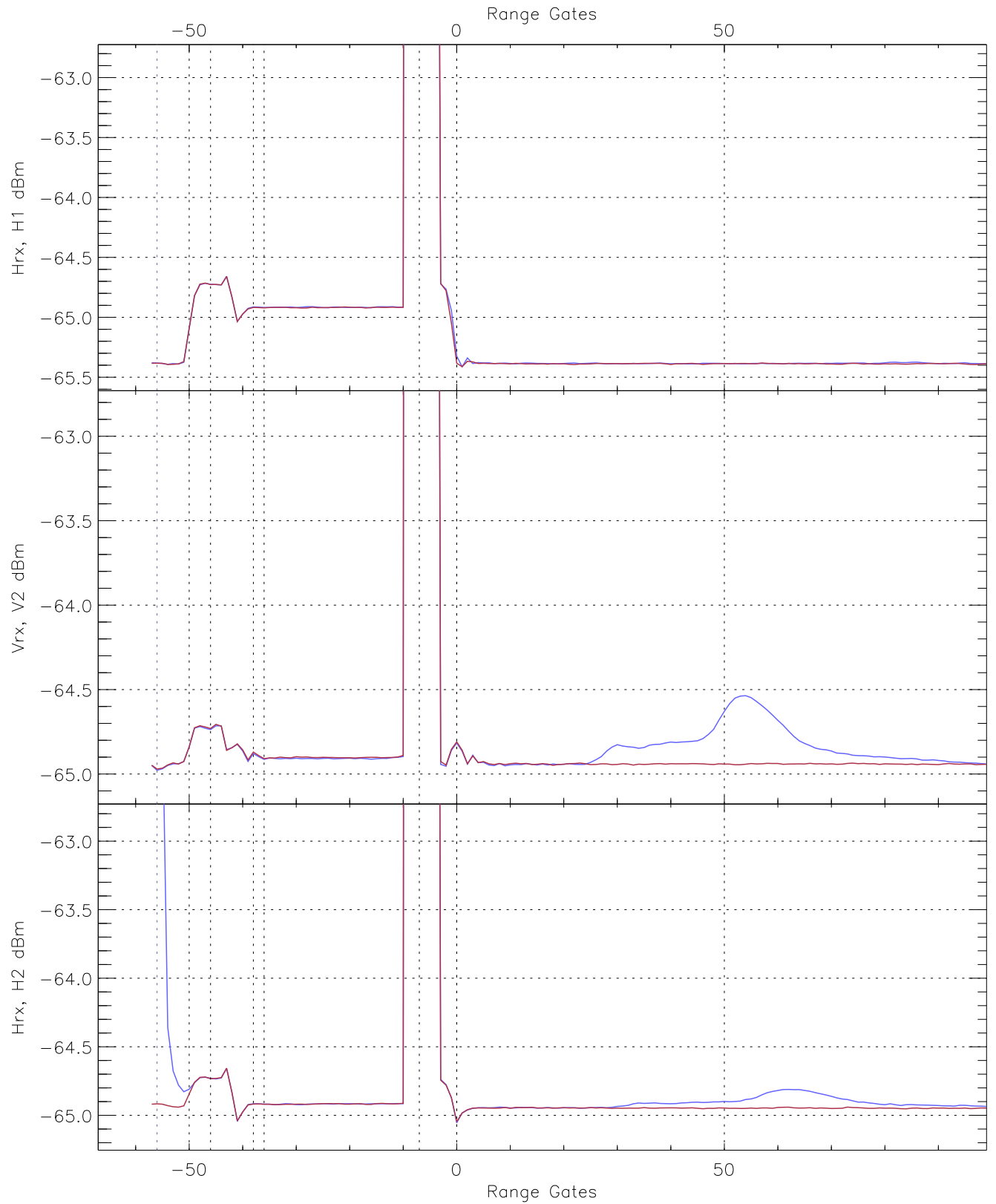


WCR3 CPP "Best" estimate Receivers Noise Power

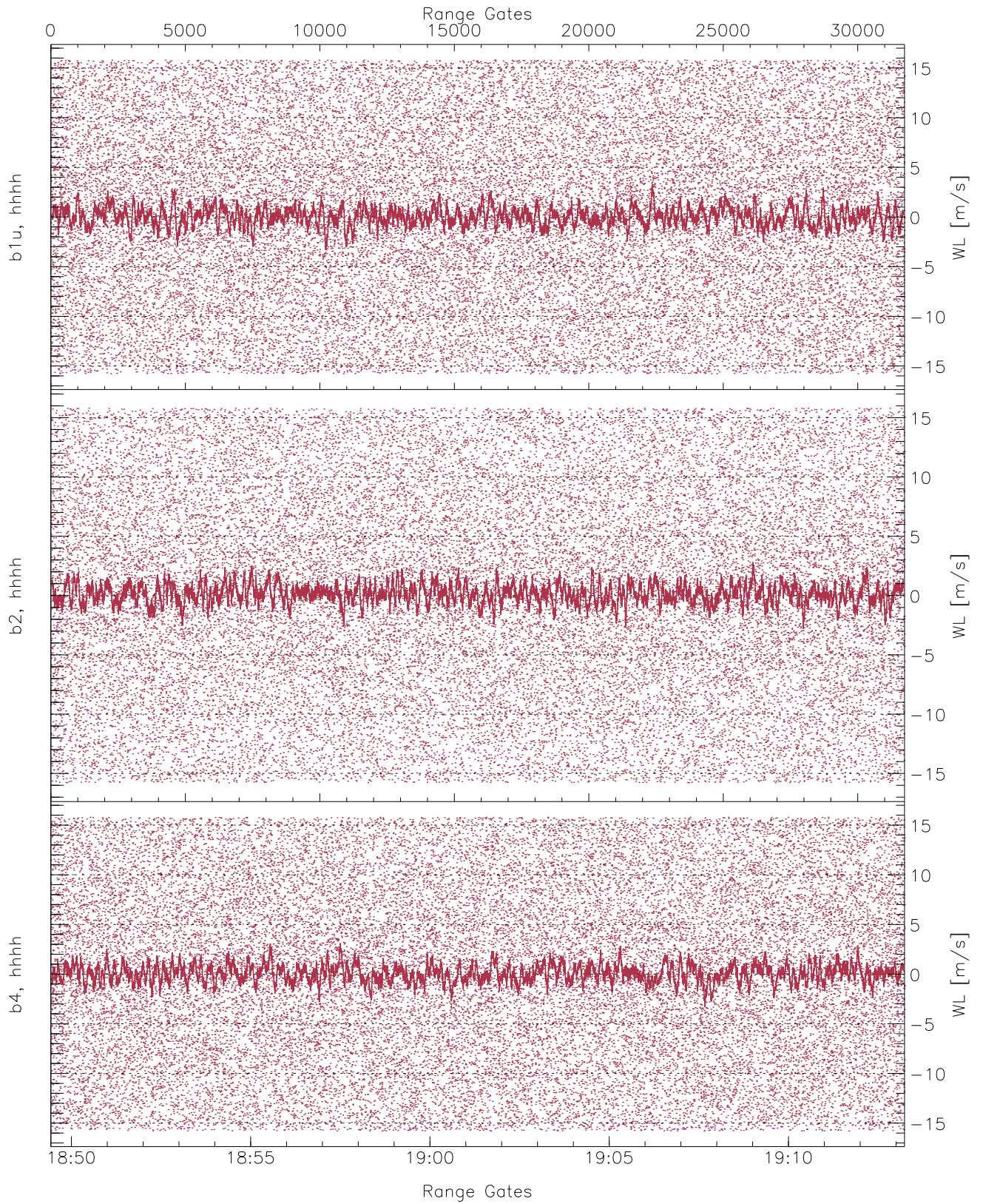
	Min	Max	Mean	Median	StDev
H1RG40_0 [dBm]	-66.68	-64.13	-65.39	-65.40	-76.88
V2RG118_0 [dBm]	-66.37	-63.79	-64.97	-64.98	-76.51
H2RG23_0 [dBm]	-66.35	-63.71	-64.95	-64.95	-76.41



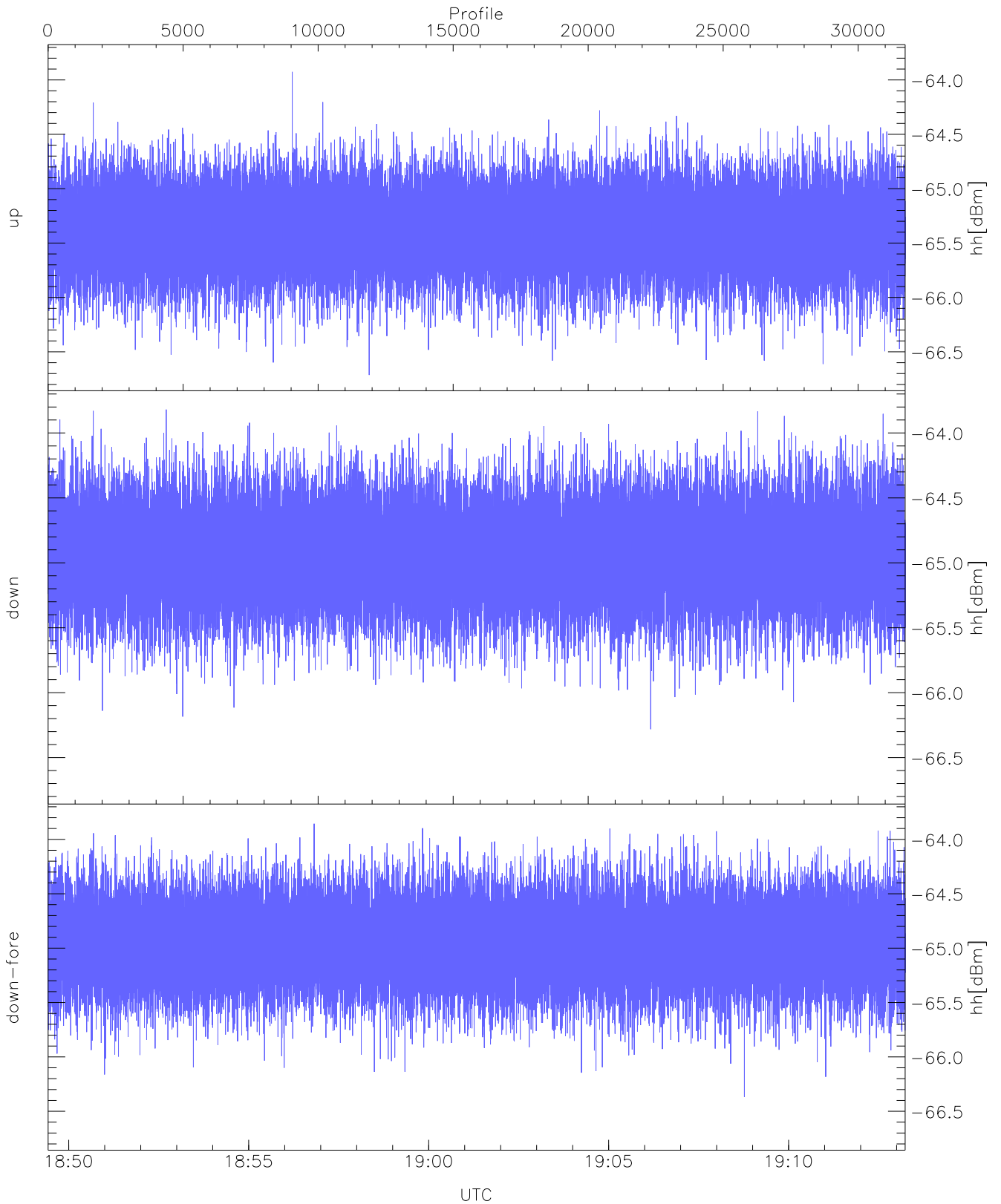
WCR3 CPP Averaged Received power for all recorded gates
blue: 184926-190120, 15871 profiles averaged
red: 190120-191314, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 184926-190120, 15871 profiles averaged
red: 190120-191314, 15871 profiles averaged

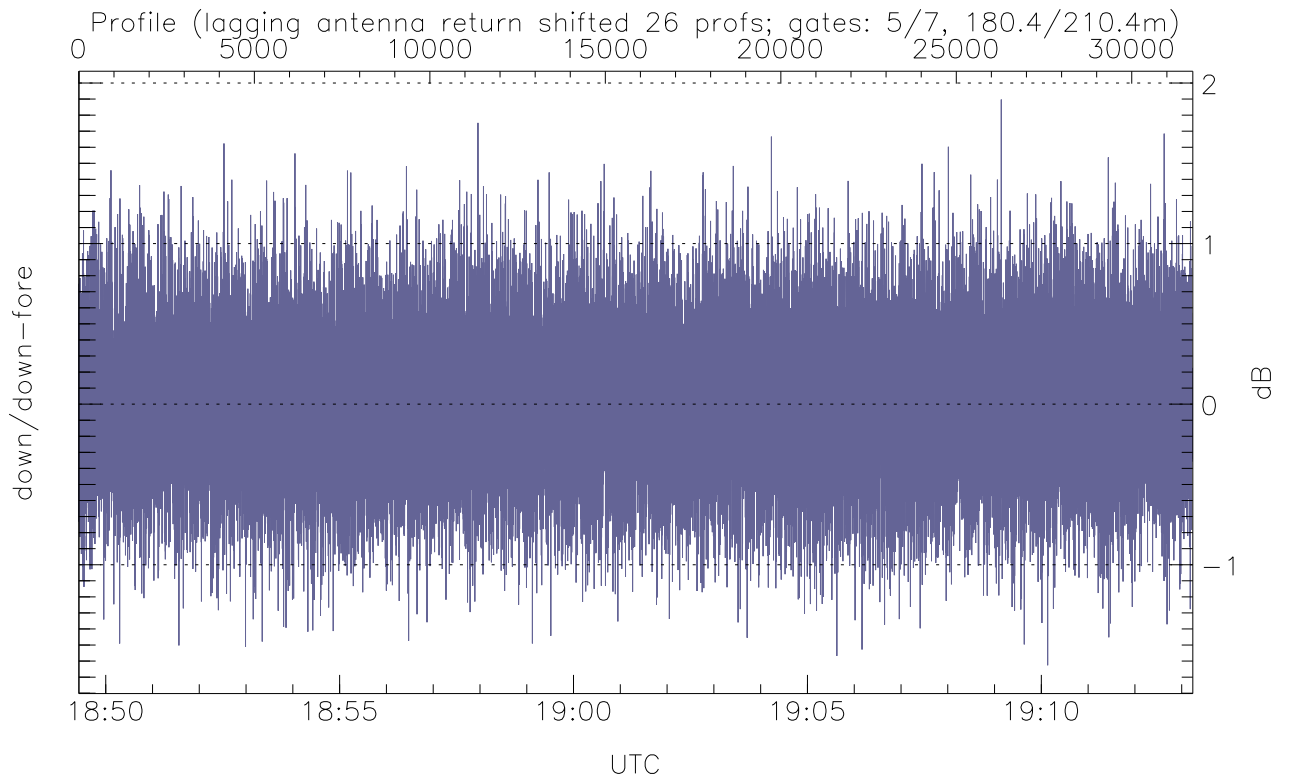
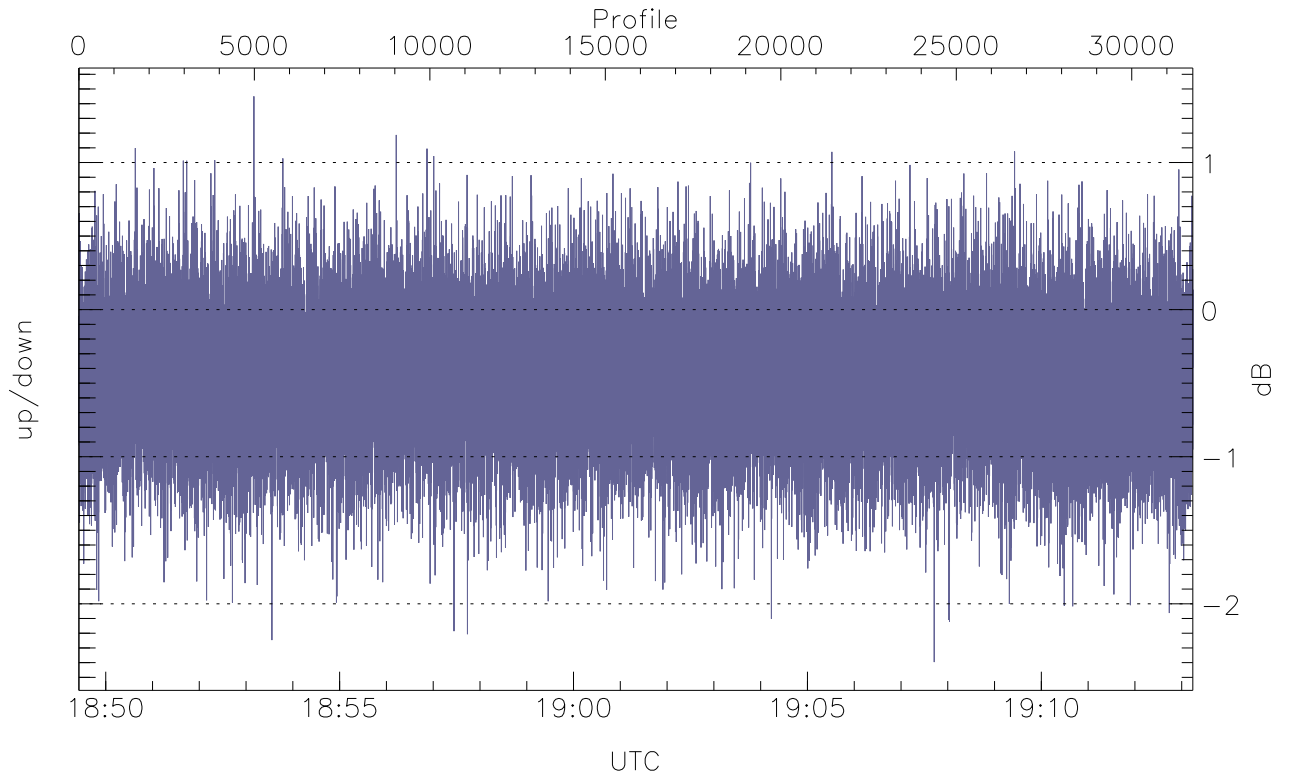


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



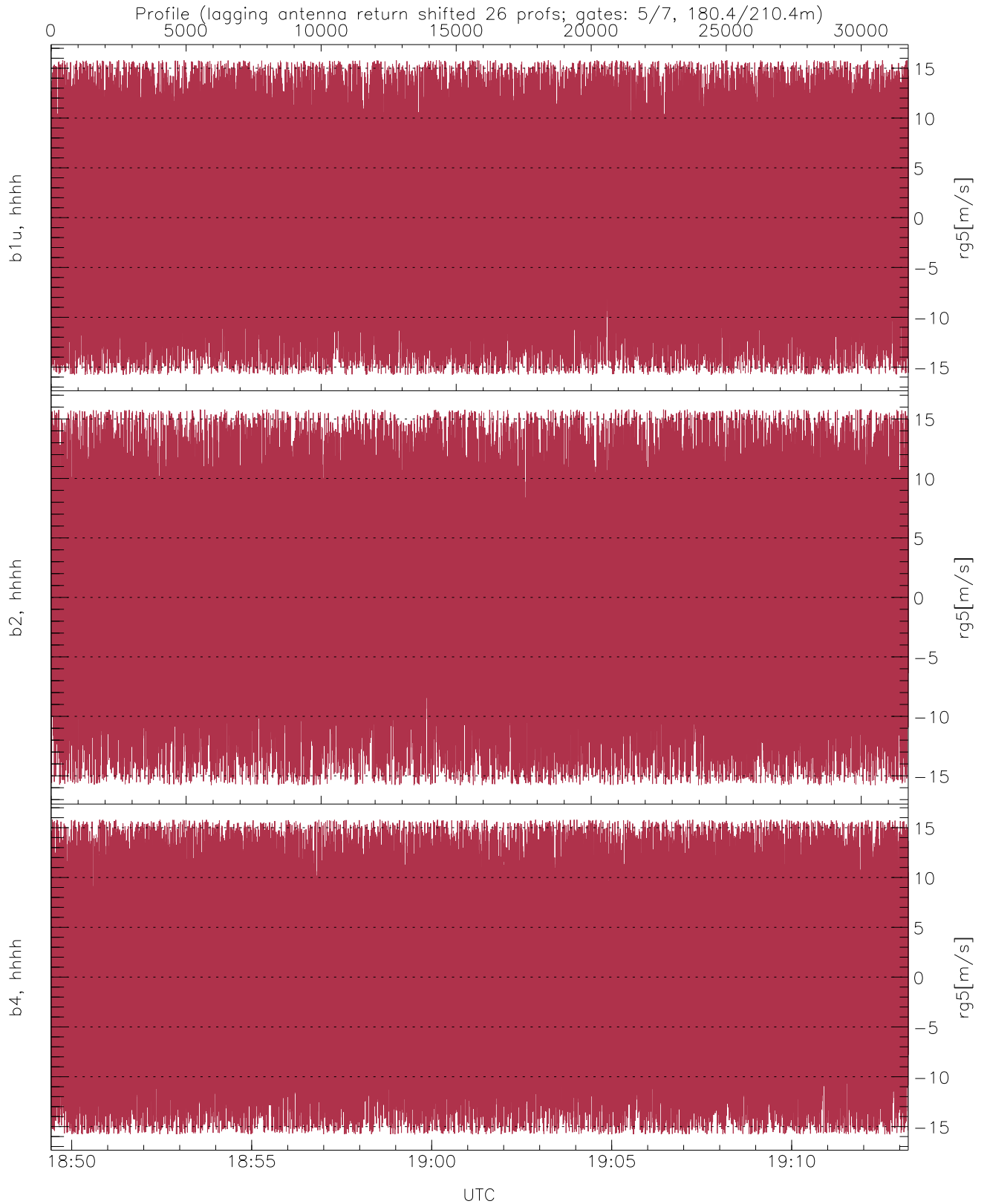
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.71	-63.93	-65.38
down(hh[dBm])	-66.28	-63.82	-64.93
down-fore(hh[dBm])	-66.37	-63.86	-64.95



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

	Min	Max	Mean
up/down (dB)	-2.40	1.45	-0.45
down/down-fore (dB)	-1.63	1.90	0.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.03	8.58
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.03	8.06
b4, hhhh(rg5[m/s])	-15.78	15.79	0.05	8.76