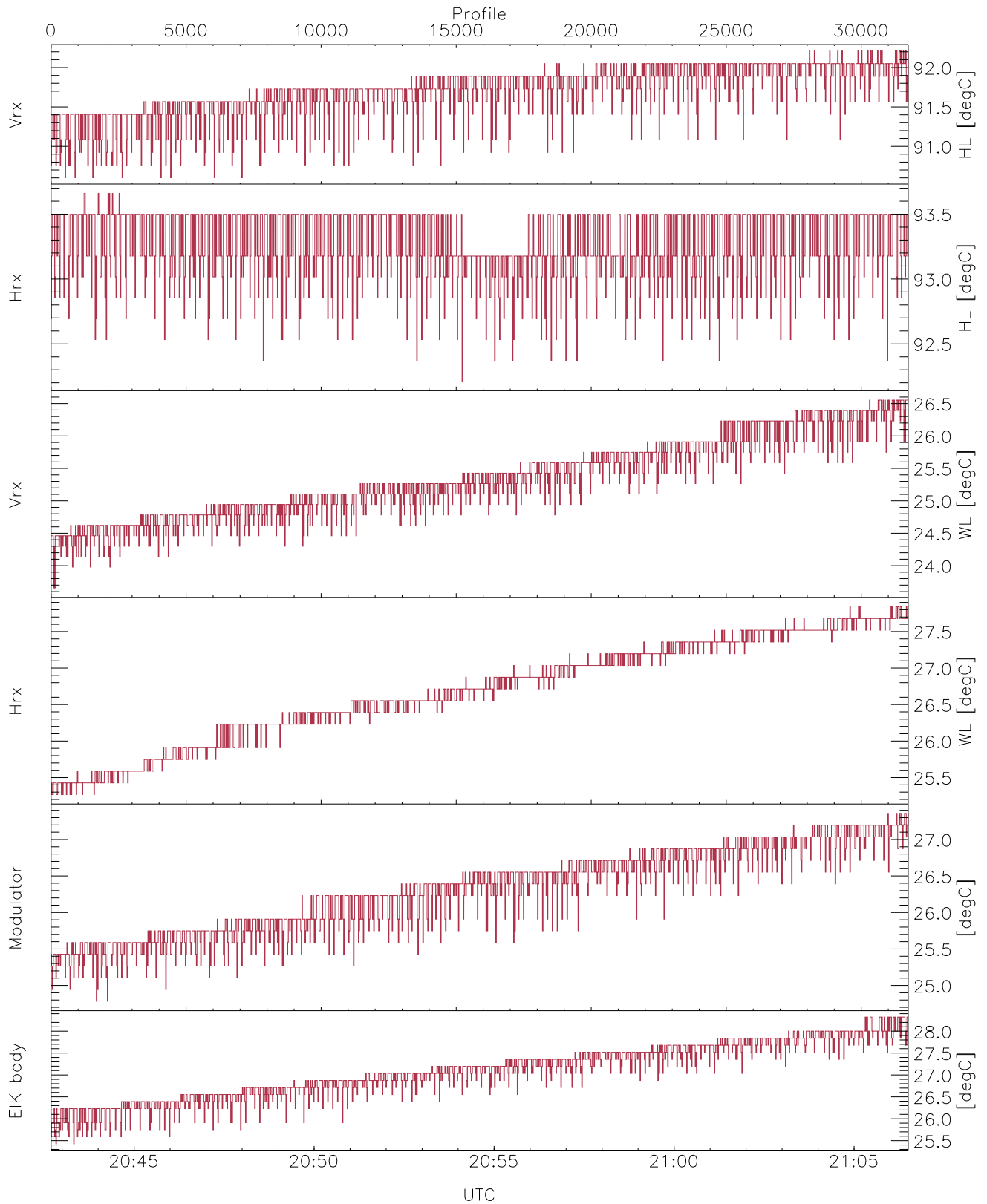


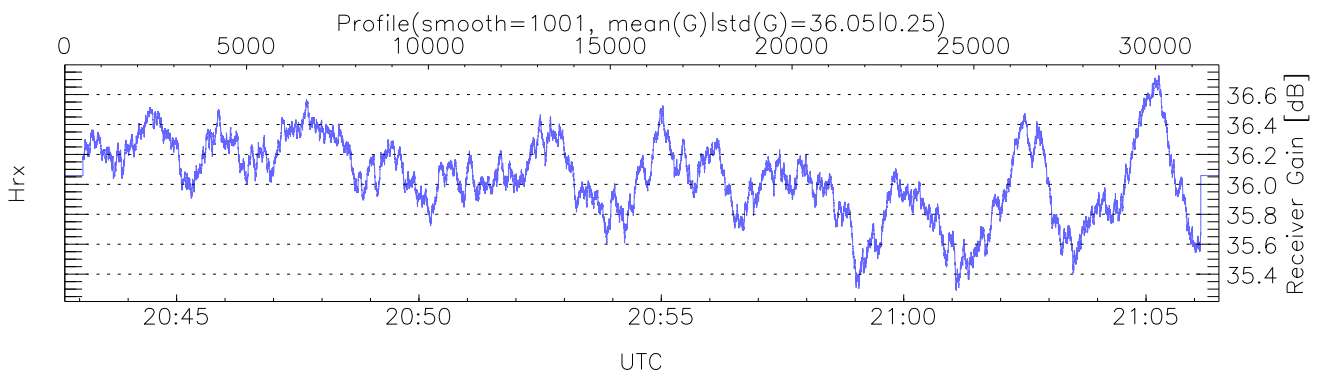
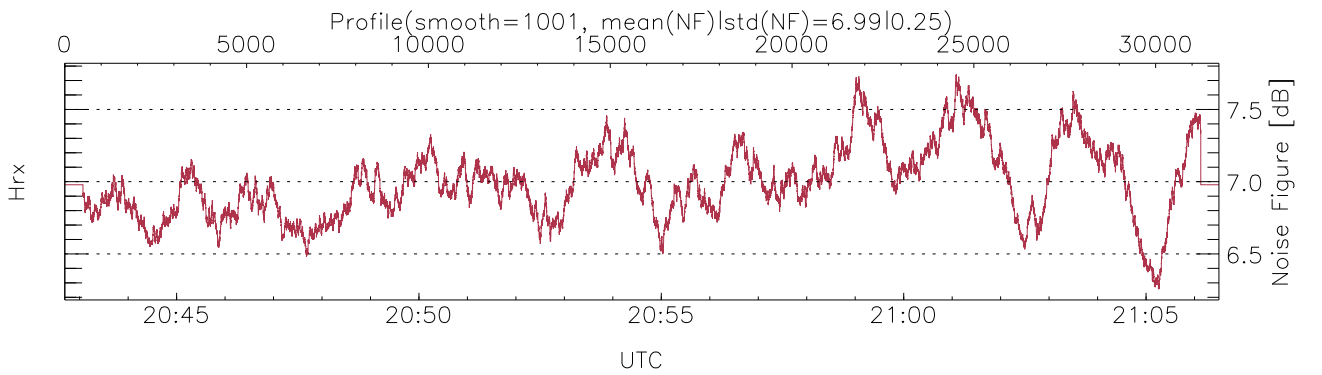
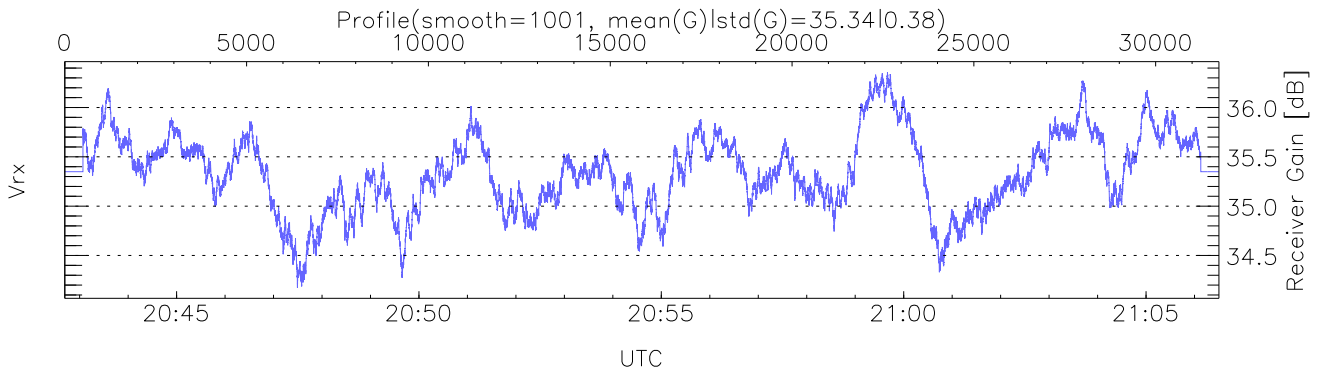
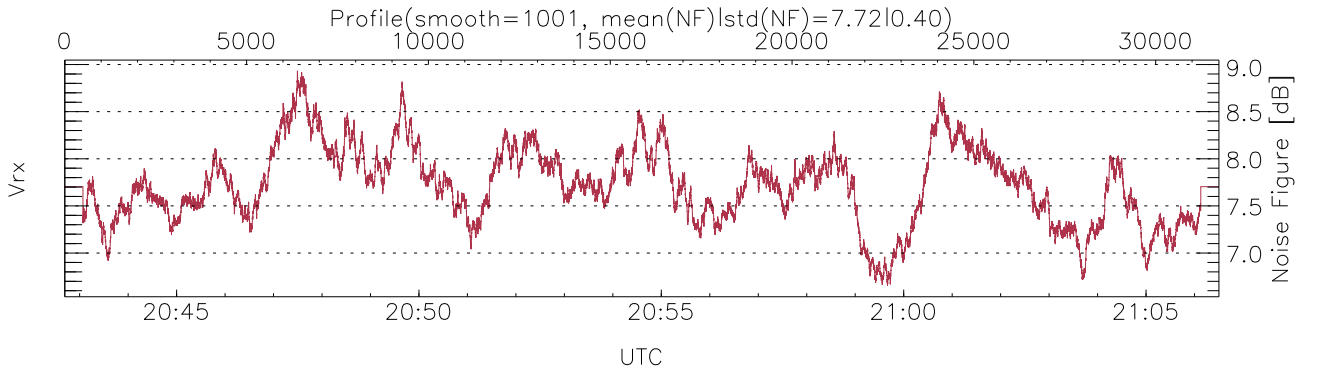
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:42:42-21:06:30, 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, 0-31740/20:42:42-21:06:30
 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



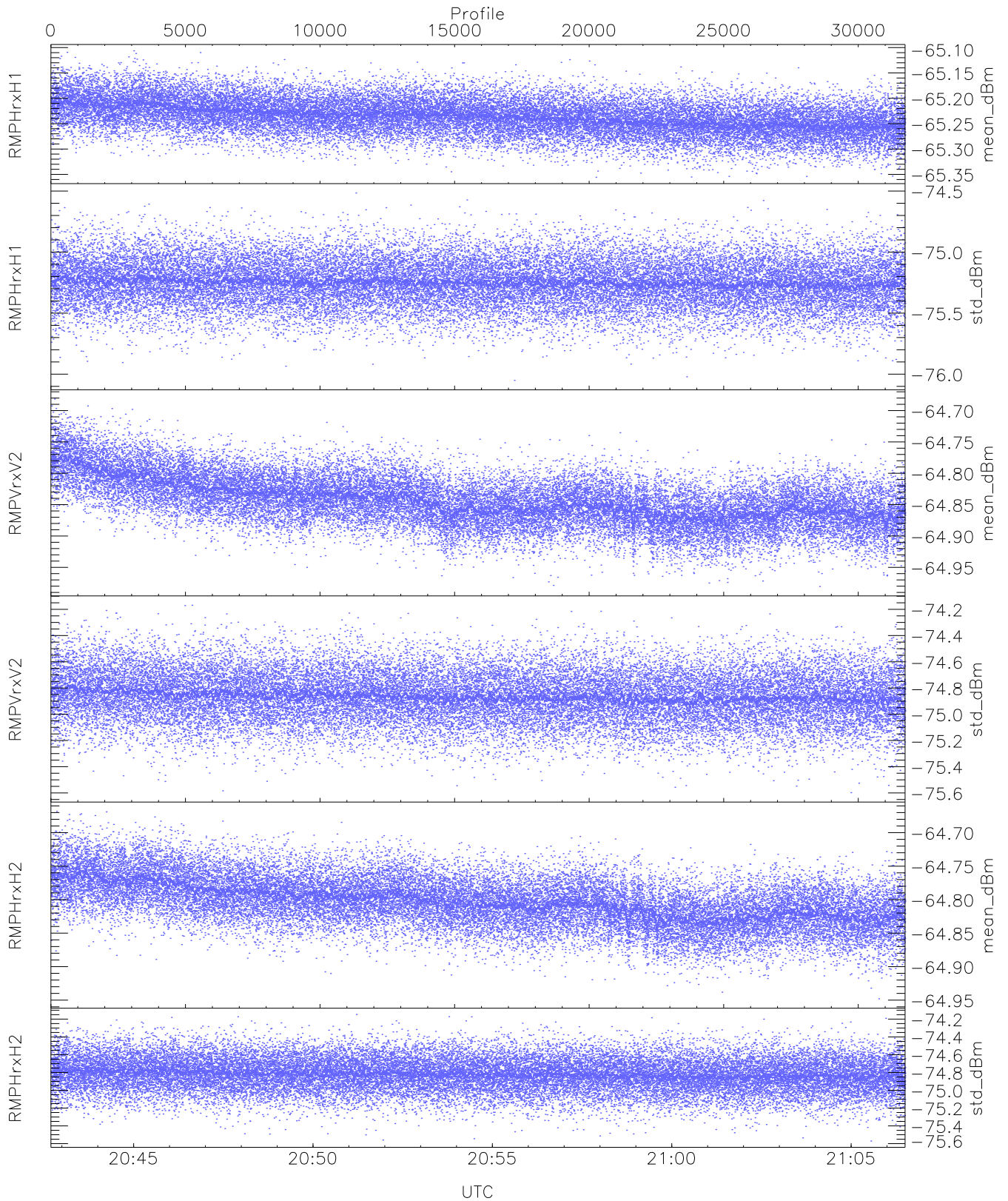
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,24,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,27,27,28`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)`



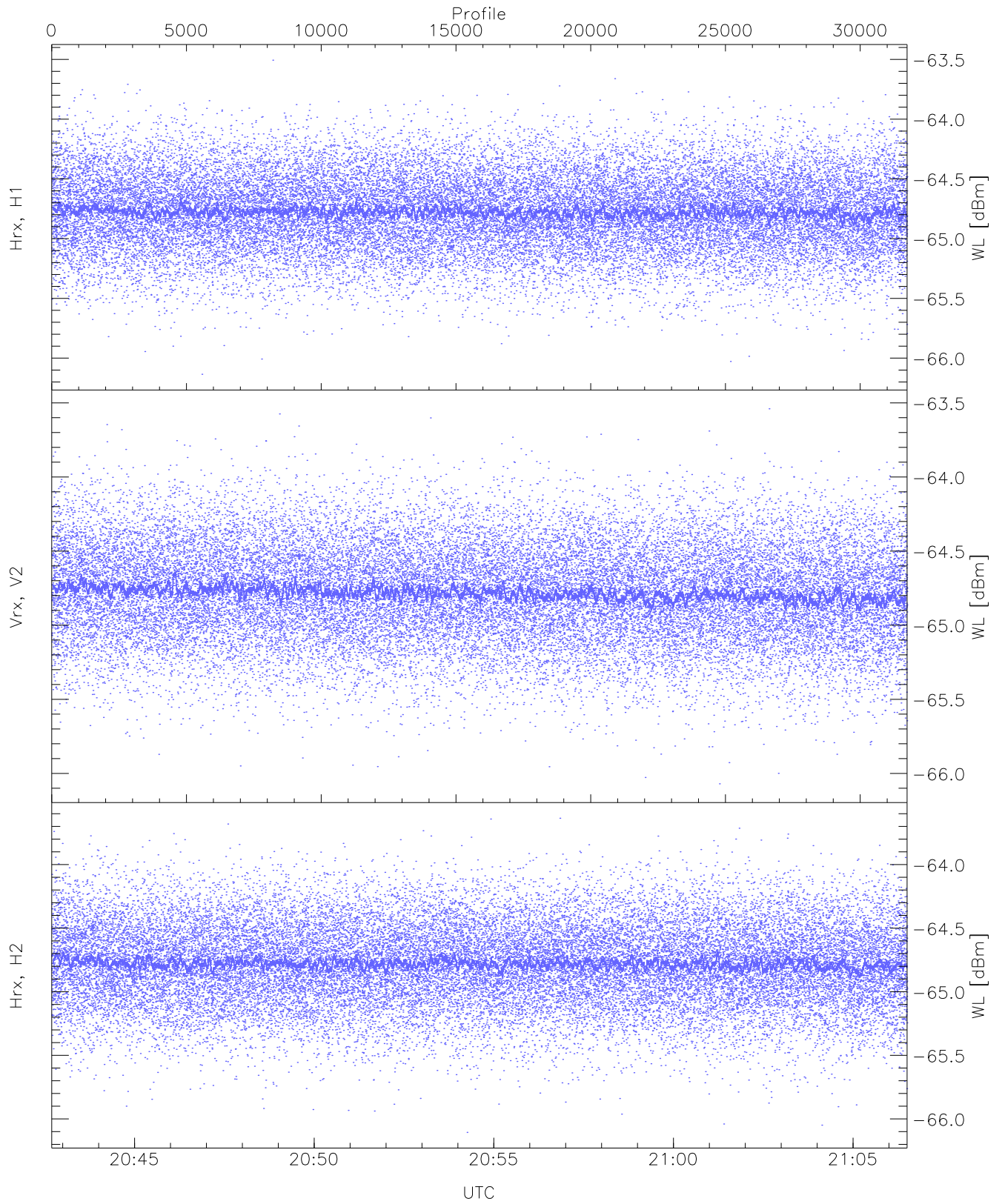
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 2 pixs, 1 gates, 2 profs, 1 prod(s)



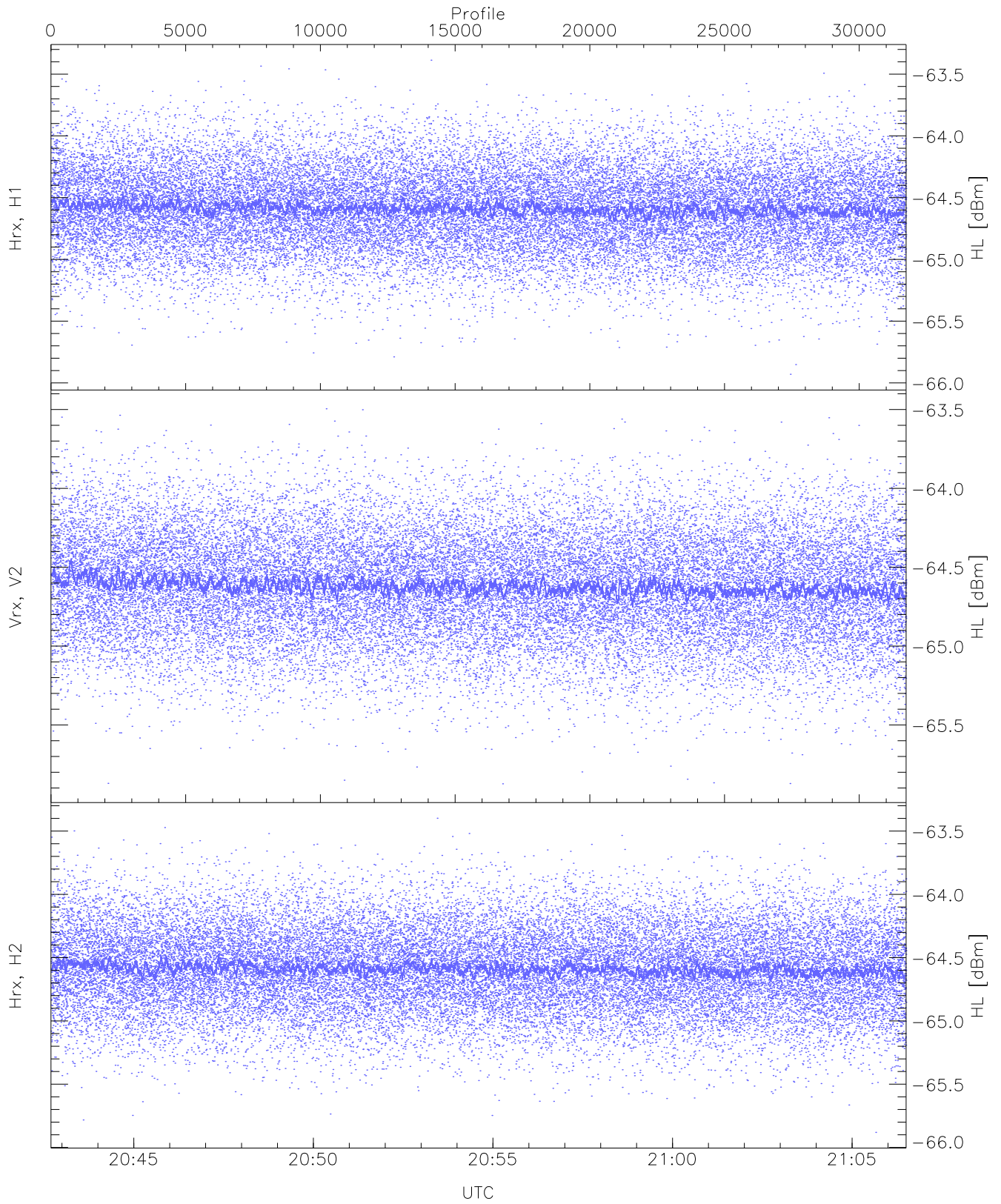
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.36	-65.11	-65.24	-65.24	-86.38
RMPHrxH1 (std_dBm)	-76.05	-74.52	-75.25	-75.25	-89.01
RMPVrxV2 (mean_dBm)	-64.98	-64.68	-64.84	-64.85	-85.27
RMPVrxV2 (std_dBm)	-75.60	-74.17	-74.86	-74.87	-88.61
RMPHrxH2 (mean_dBm)	-64.95	-64.67	-64.80	-64.80	-85.58
RMPHrxH2 (std_dBm)	-75.57	-74.15	-74.82	-74.82	-88.61



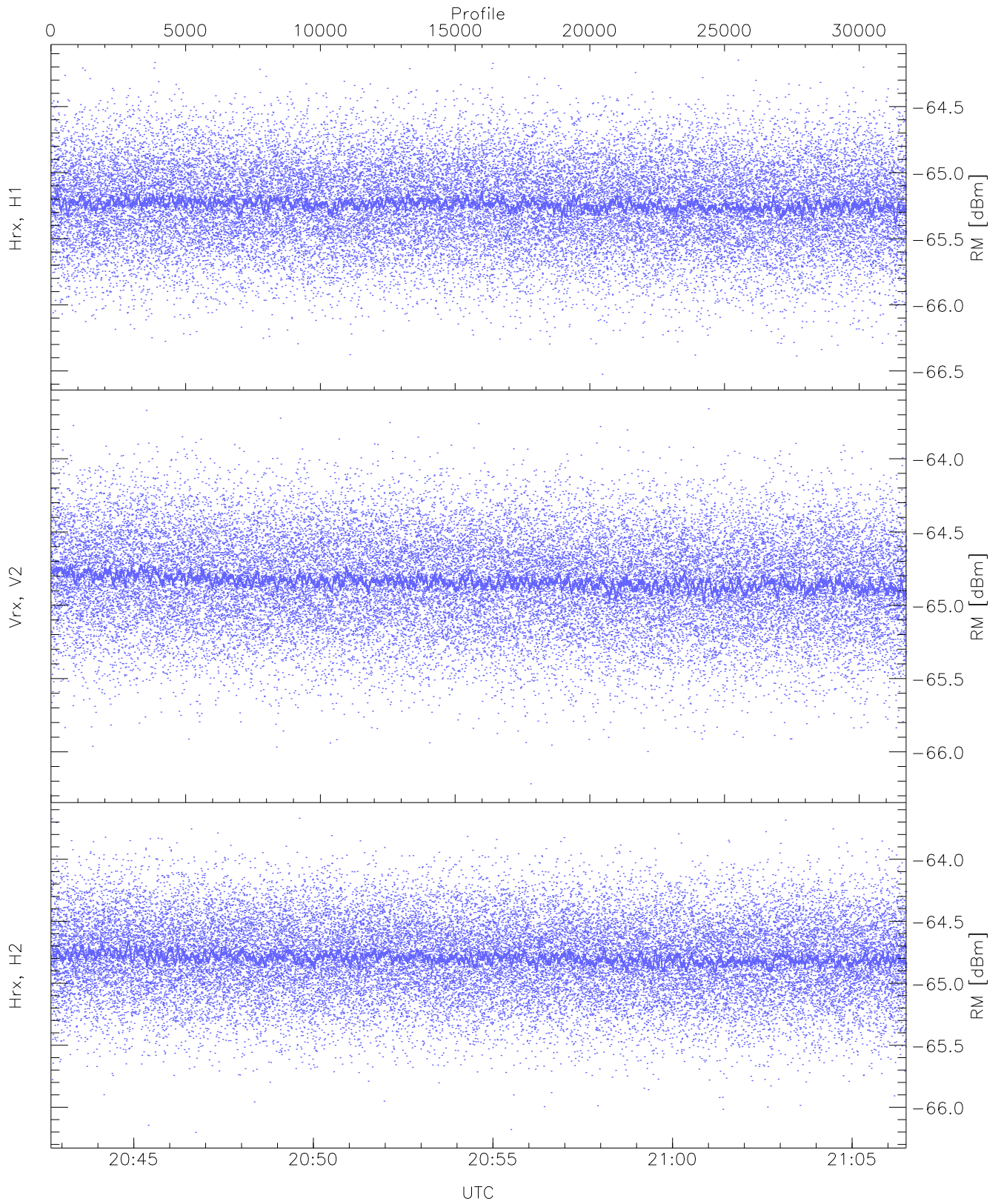
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.14	-63.51	-64.77	-64.78	-76.29
Vrx, V2 (WL [dBm])	-66.07	-63.54	-64.78	-64.78	-76.27
Hrx, H2 (WL [dBm])	-66.11	-63.64	-64.77	-64.78	-76.30



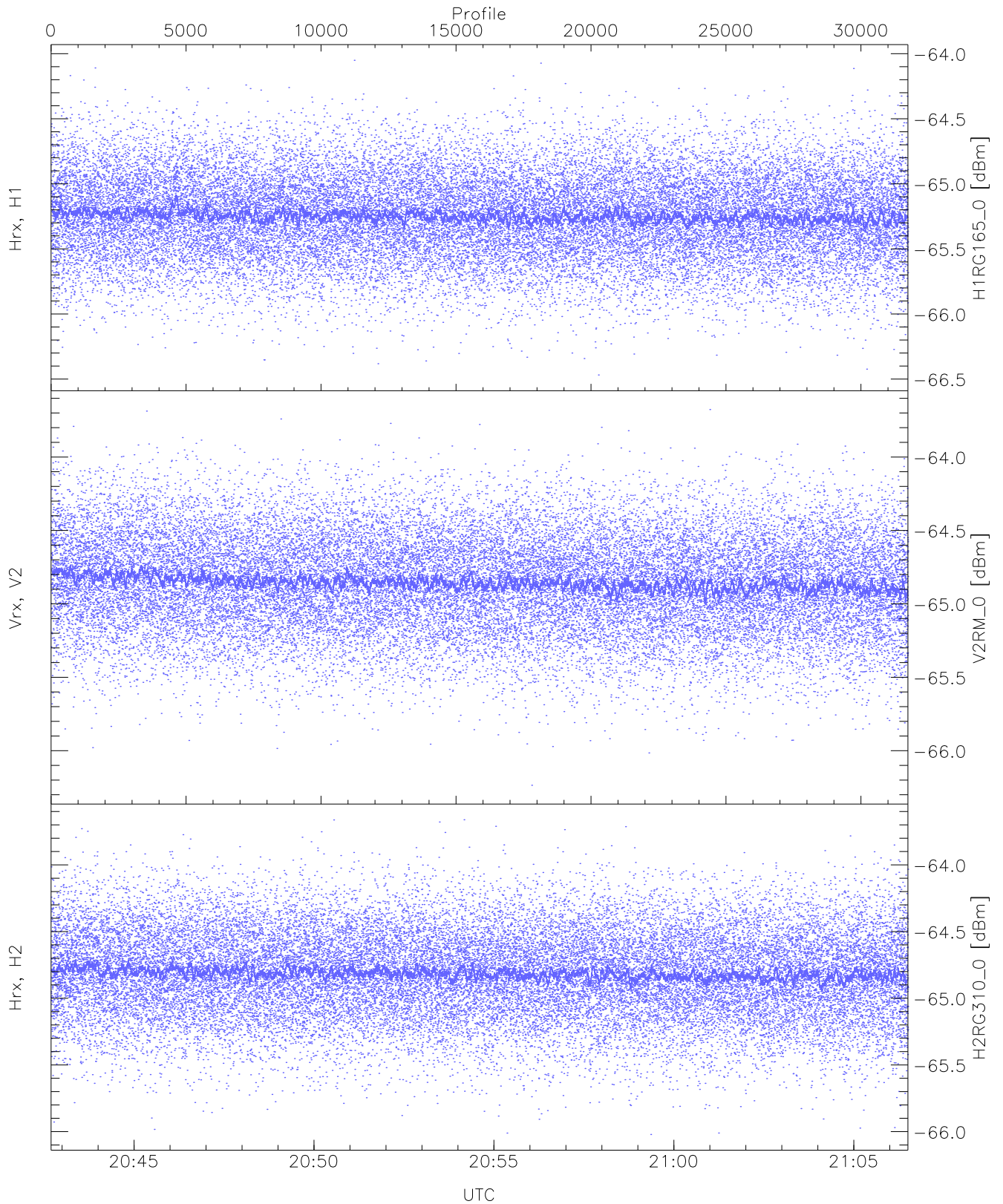
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.93	-63.39	-64.58	-64.59	-76.09
Vrx, V2 (HL [dBm])	-65.87	-63.50	-64.61	-64.62	-76.11
Hrx, H2 (HL [dBm])	-65.88	-63.40	-64.58	-64.59	-76.09



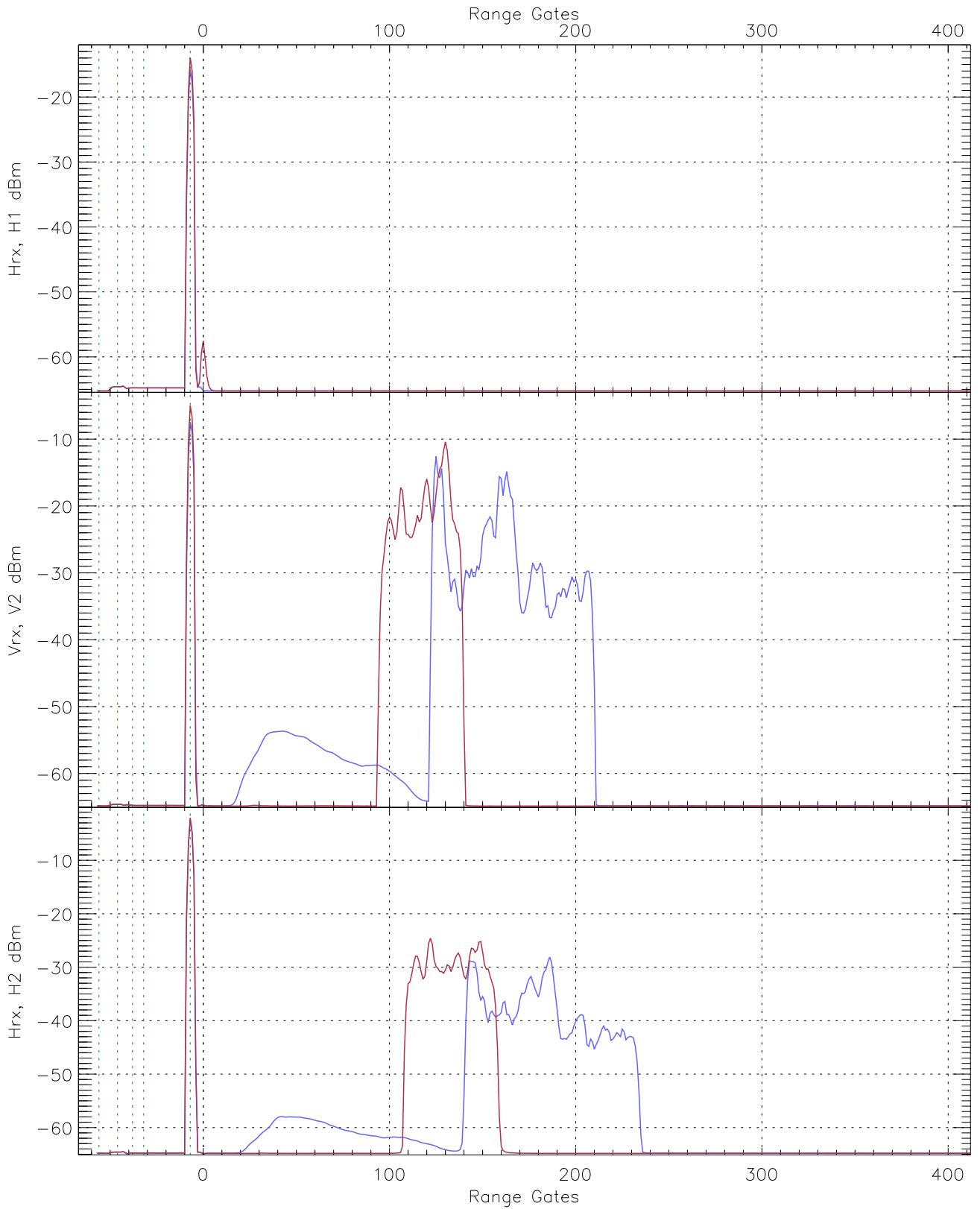
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-64.15	-65.23	-65.24	-76.72
Vrx, V2 (RM [dBm])	-66.22	-63.66	-64.83	-64.84	-76.32
Hrx, H2 (RM [dBm])	-66.20	-63.67	-64.79	-64.79	-76.29

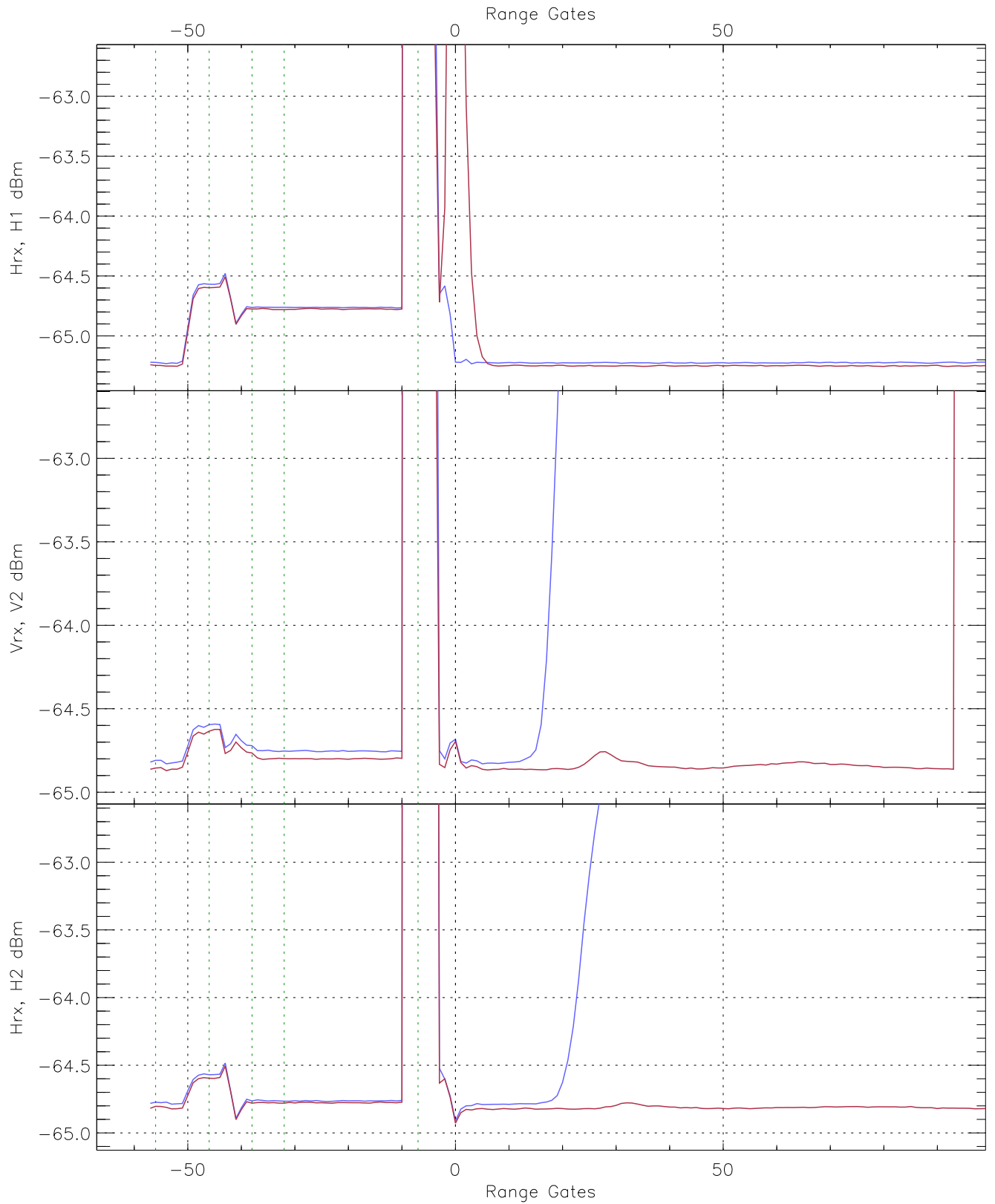


WCR3 CPP "Best" estimate Receivers Noise Power

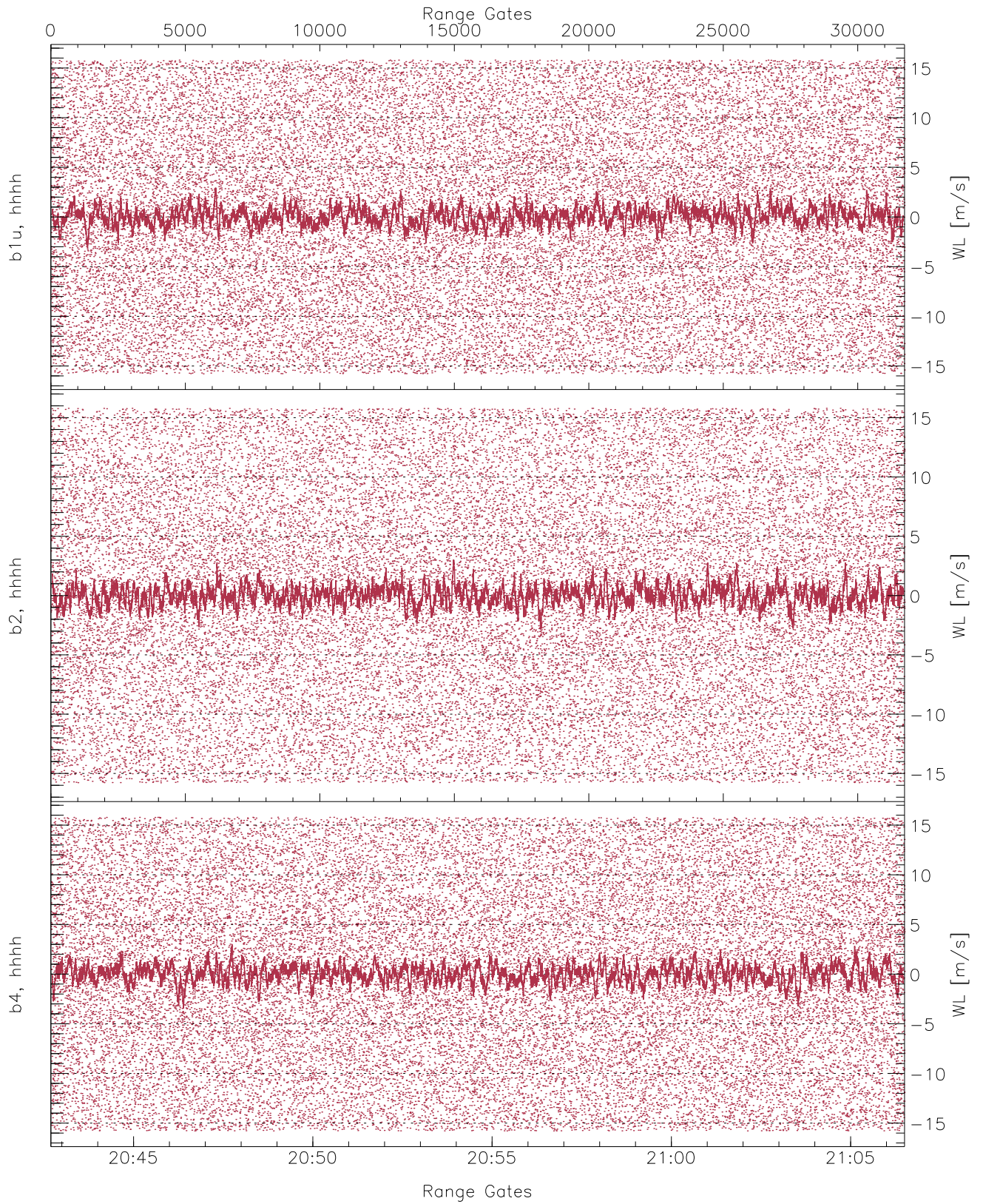
	Min	Max	Mean	Median	StDev
H1RG165_0 [dBm]	-66.47	-64.05	-65.24	-65.25	-76.73
V2RM_0 [dBm]	-66.24	-63.68	-64.85	-64.86	-76.34
H2RG310_0 [dBm]	-66.02	-63.66	-64.81	-64.82	-76.29



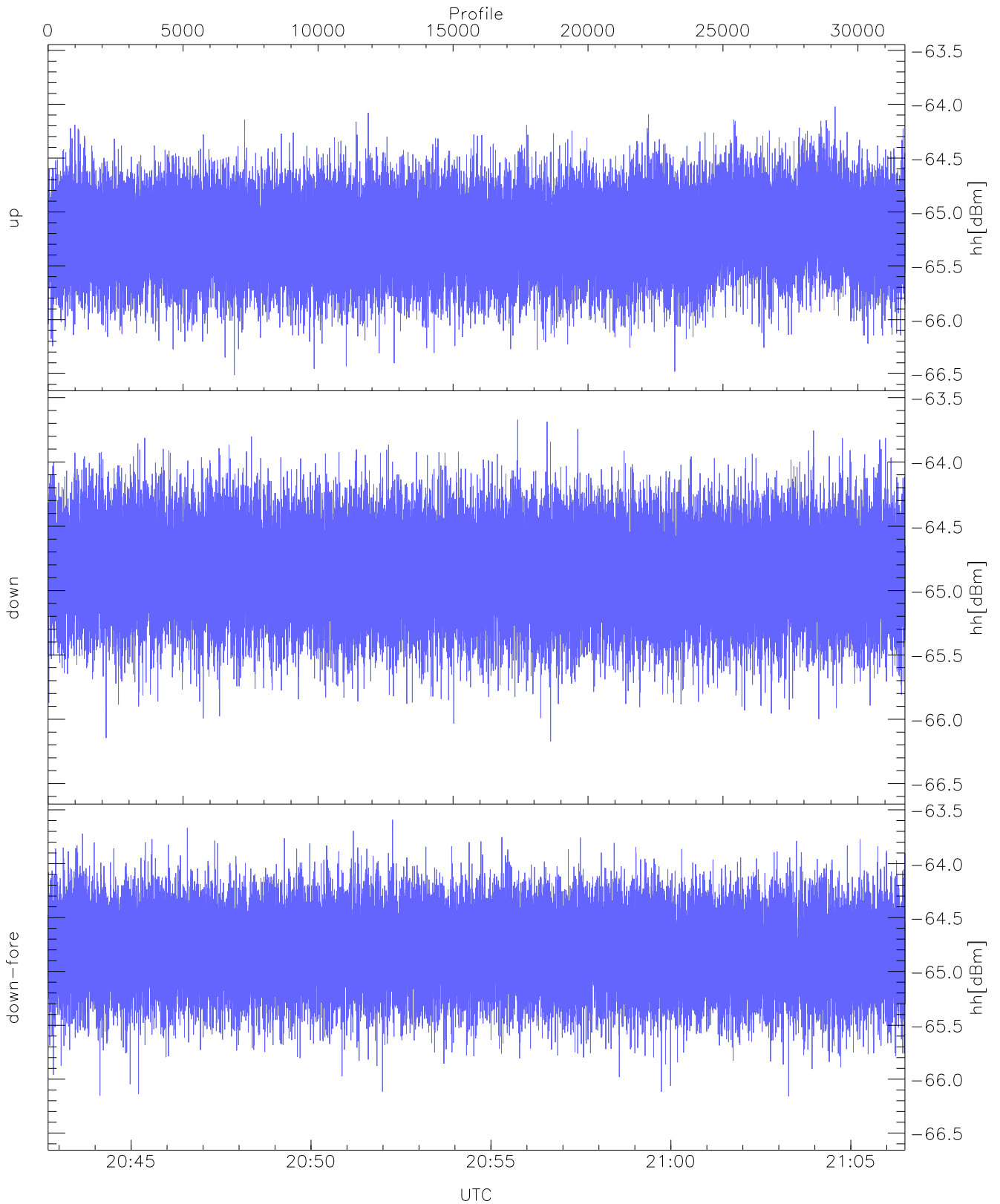
WCR3 CPP Averaged Received power for all recorded gates
blue: 204242-205436, 15871 profiles averaged
red: 205436-210630, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 204242-205436, 15871 profiles averaged
red: 205436-210630, 15871 profiles averaged

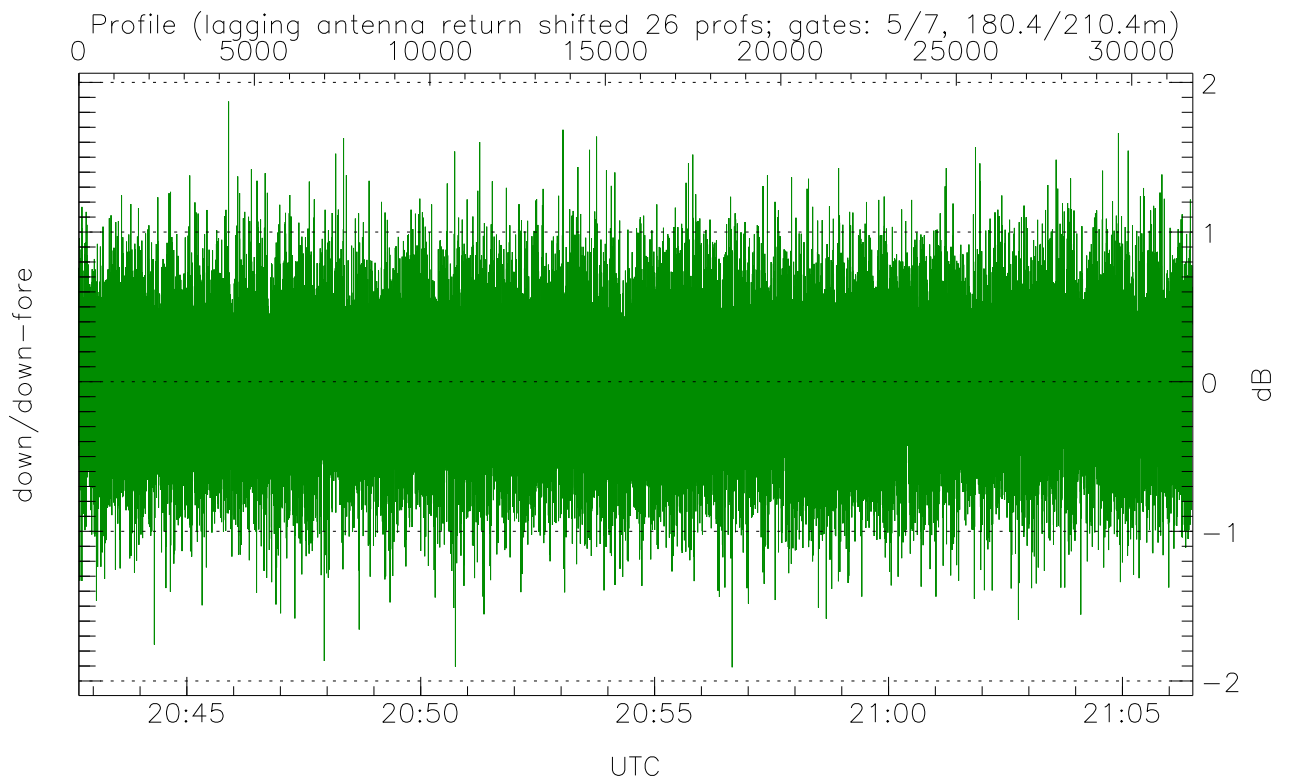
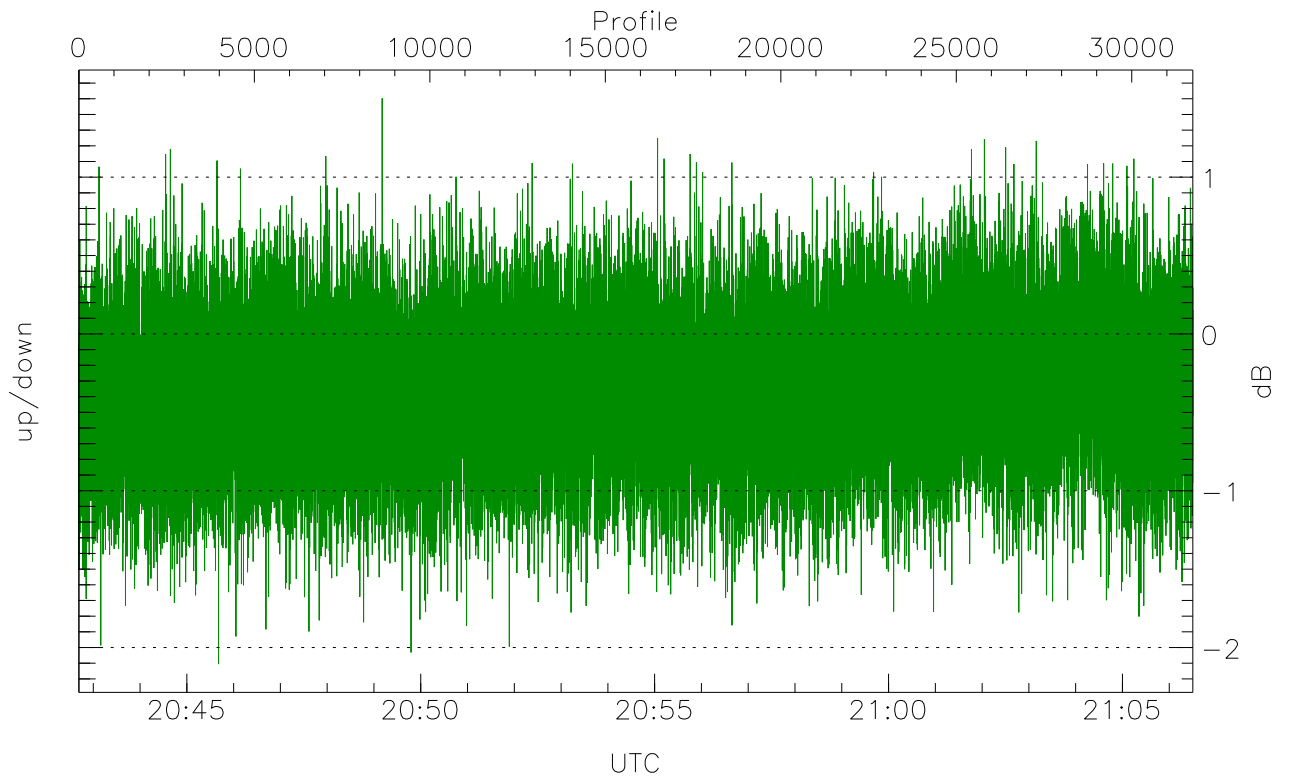


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



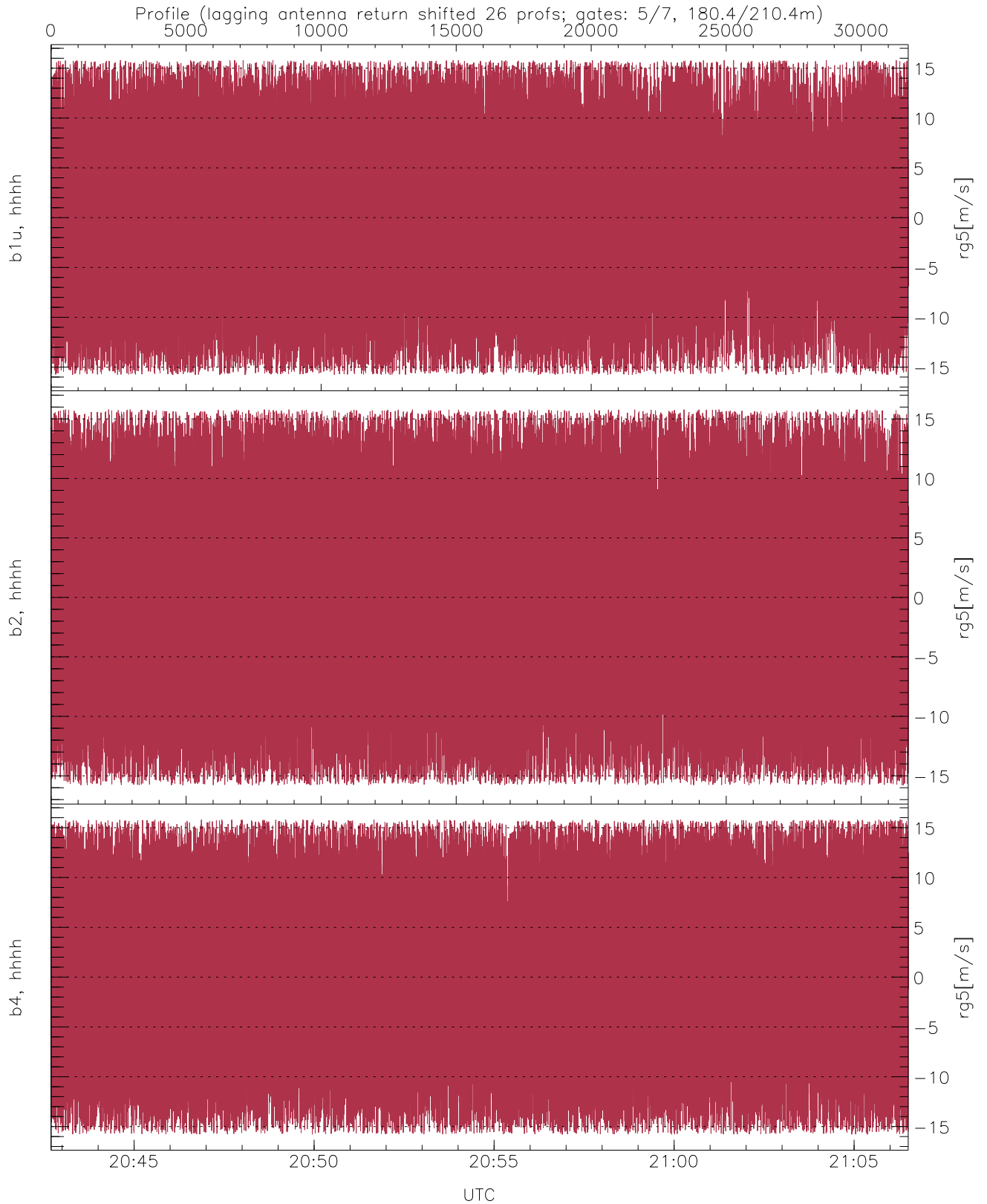
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.51	-64.02	-65.20
down(hh[dBm])	-66.17	-63.67	-64.85
down-fore(hh[dBm])	-66.16	-63.59	-64.80



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

	Min	Max	Mean
up/down (dB)	-2.11	1.50	-0.35
down/down-fore (dB)	-1.91	1.87	-0.04



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	8.30
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.02	8.81
b4, hhhh(rg5[m/s])	-15.79	15.79	0.11	8.71