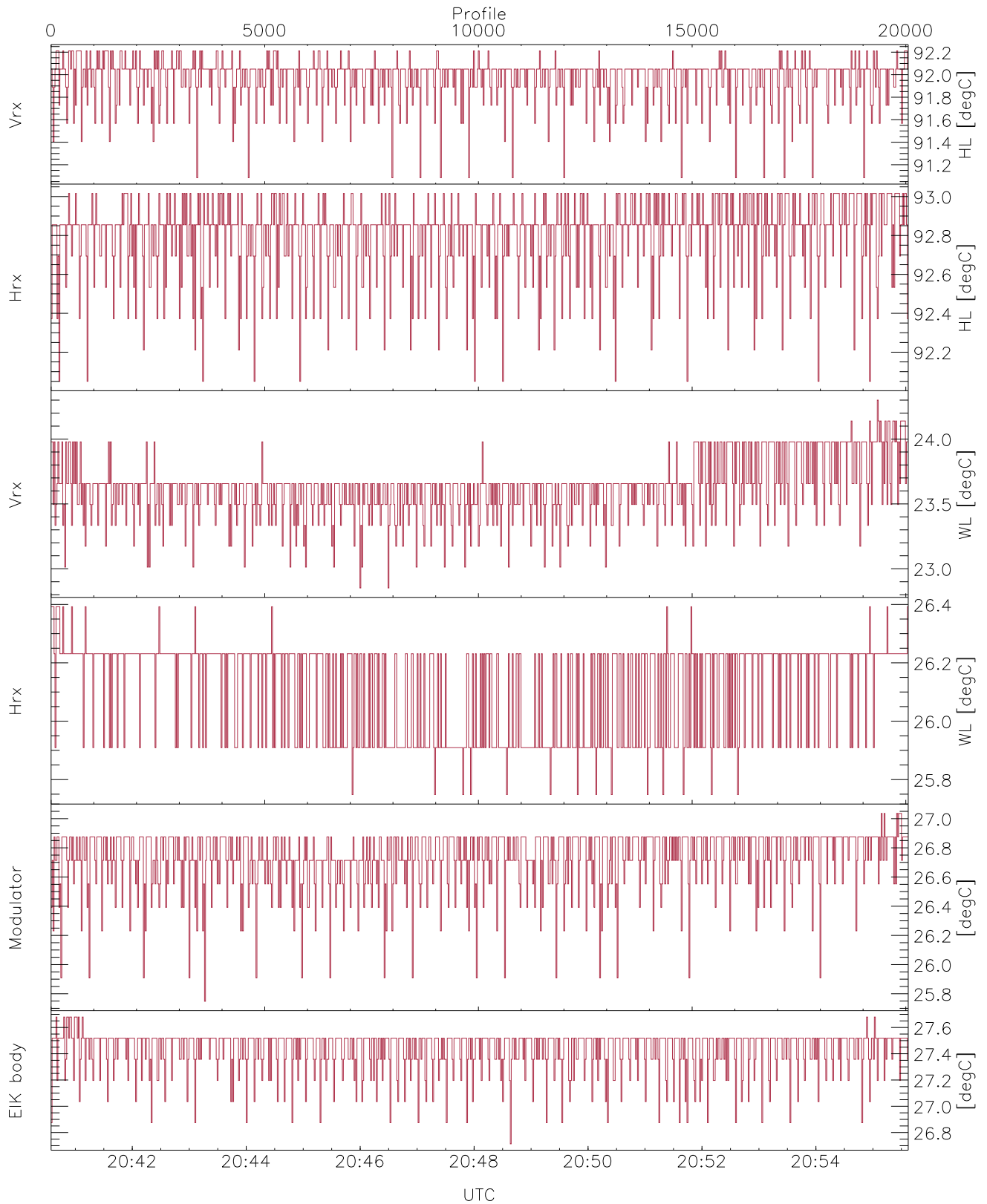


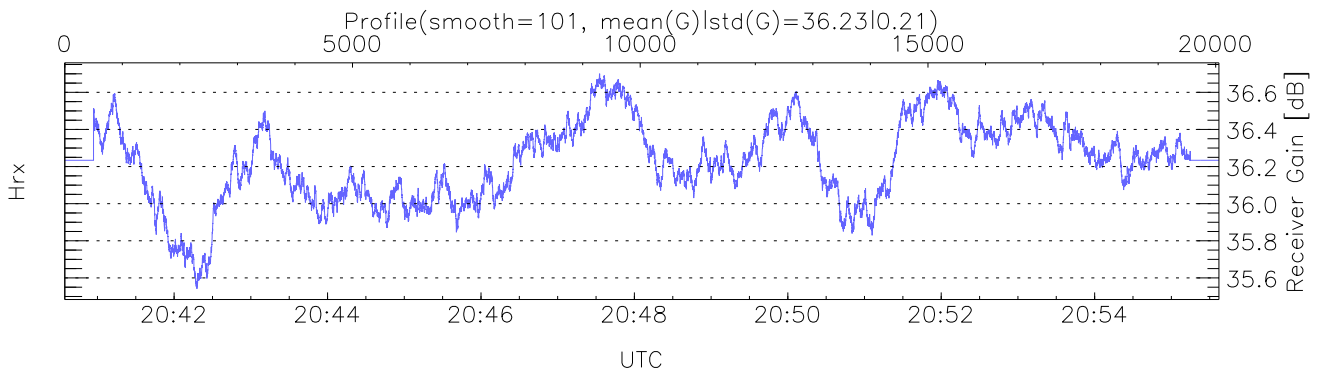
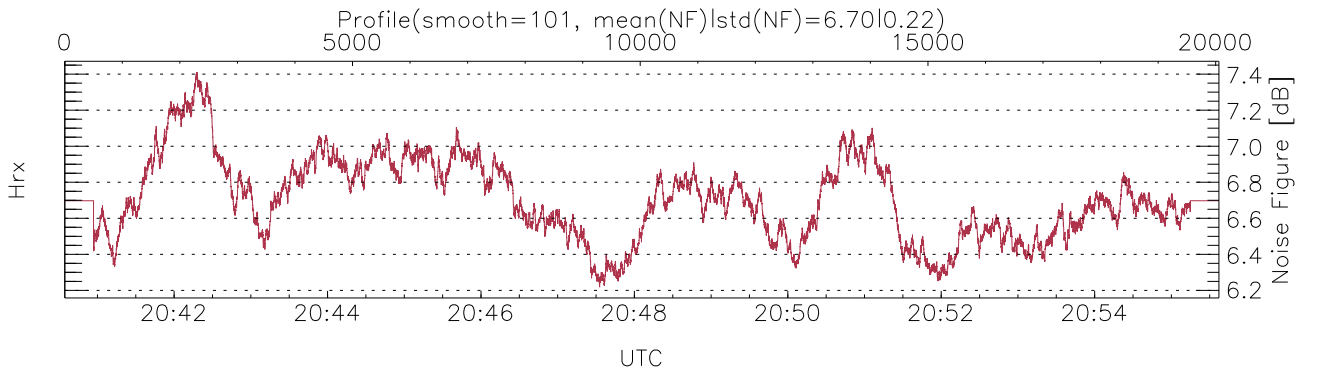
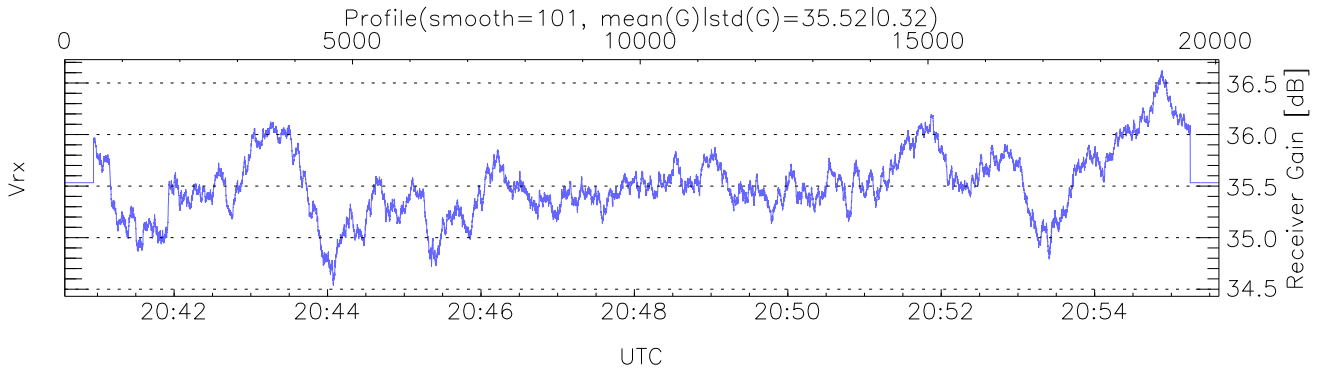
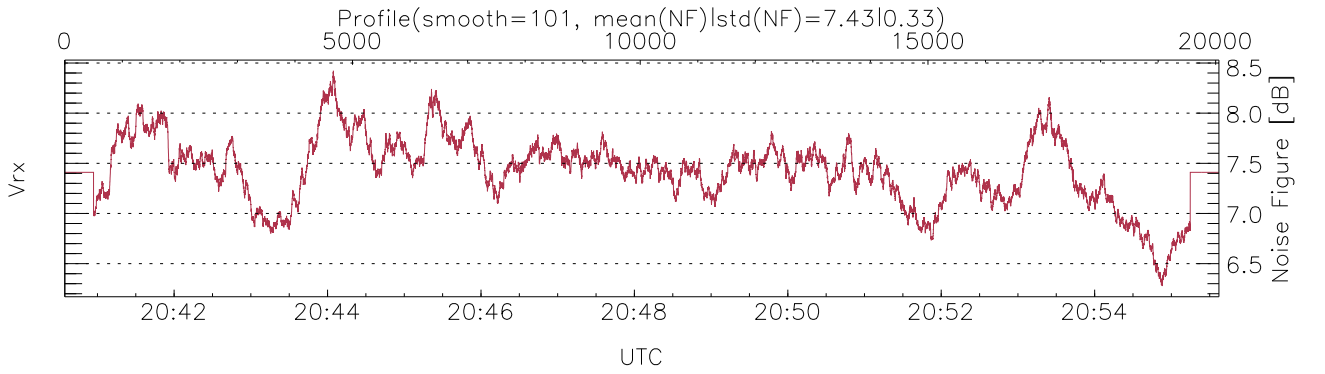
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:40:34-20:55:37, TimeCor: 0.00s, Dur: 902.79s
 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): 20058/20058, 0-20057/20:40:34-20:55:37
 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|2,3,9x = no mirror|sidelup|error): 1



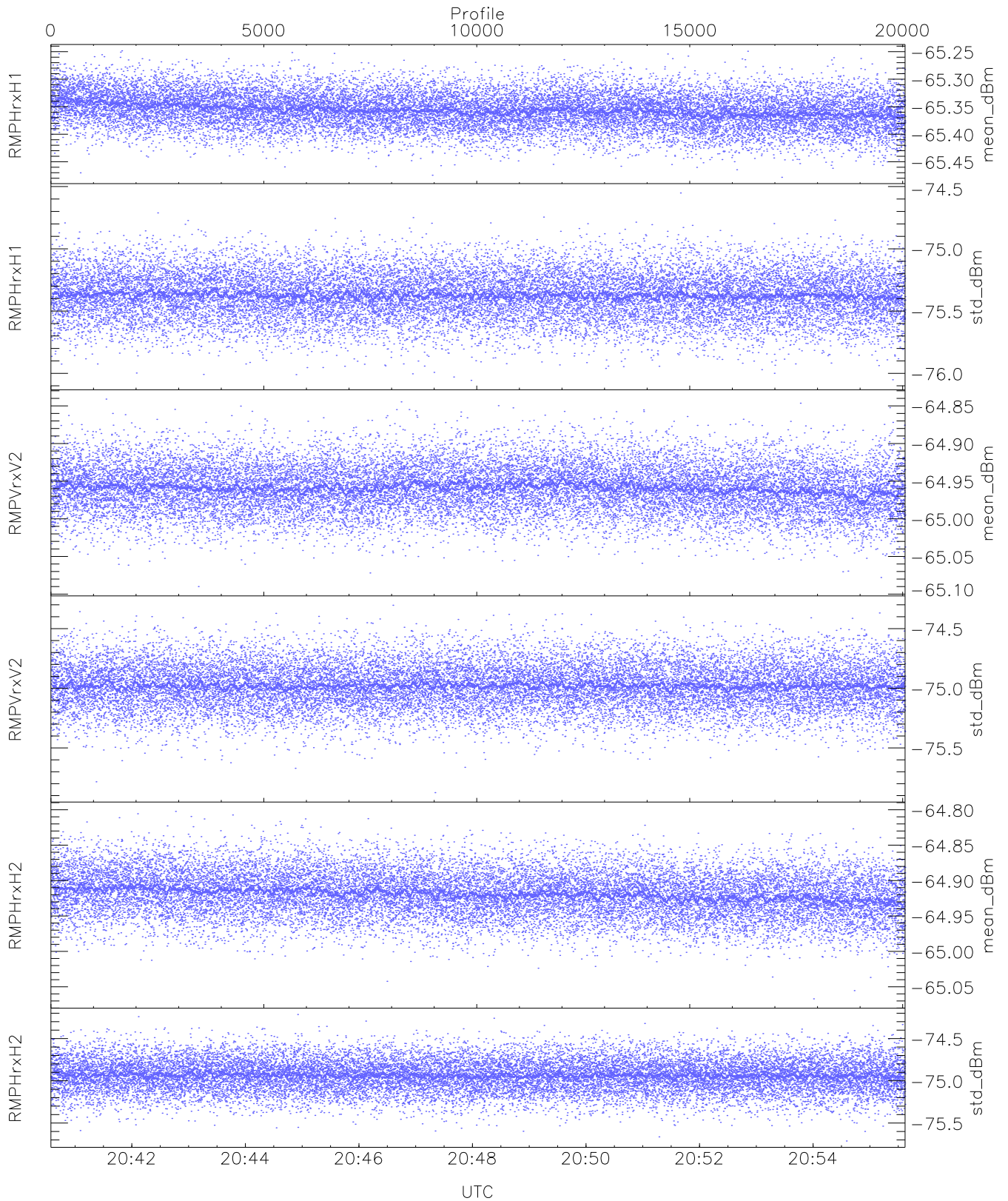
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,22,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,27,27
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckF,OverDuty (22,22)



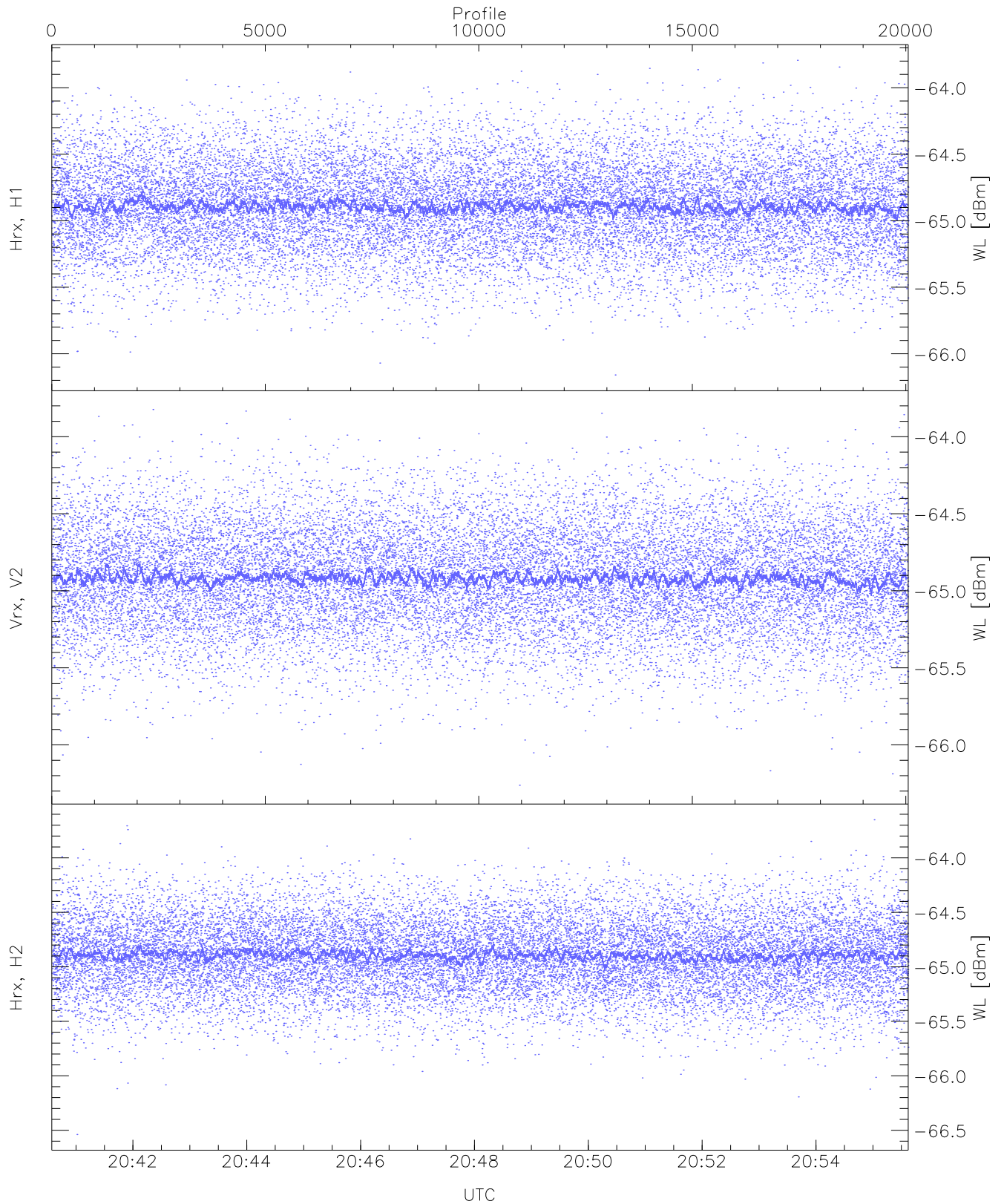
WCR3 CPP Receivers Gain and Noise Figure

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



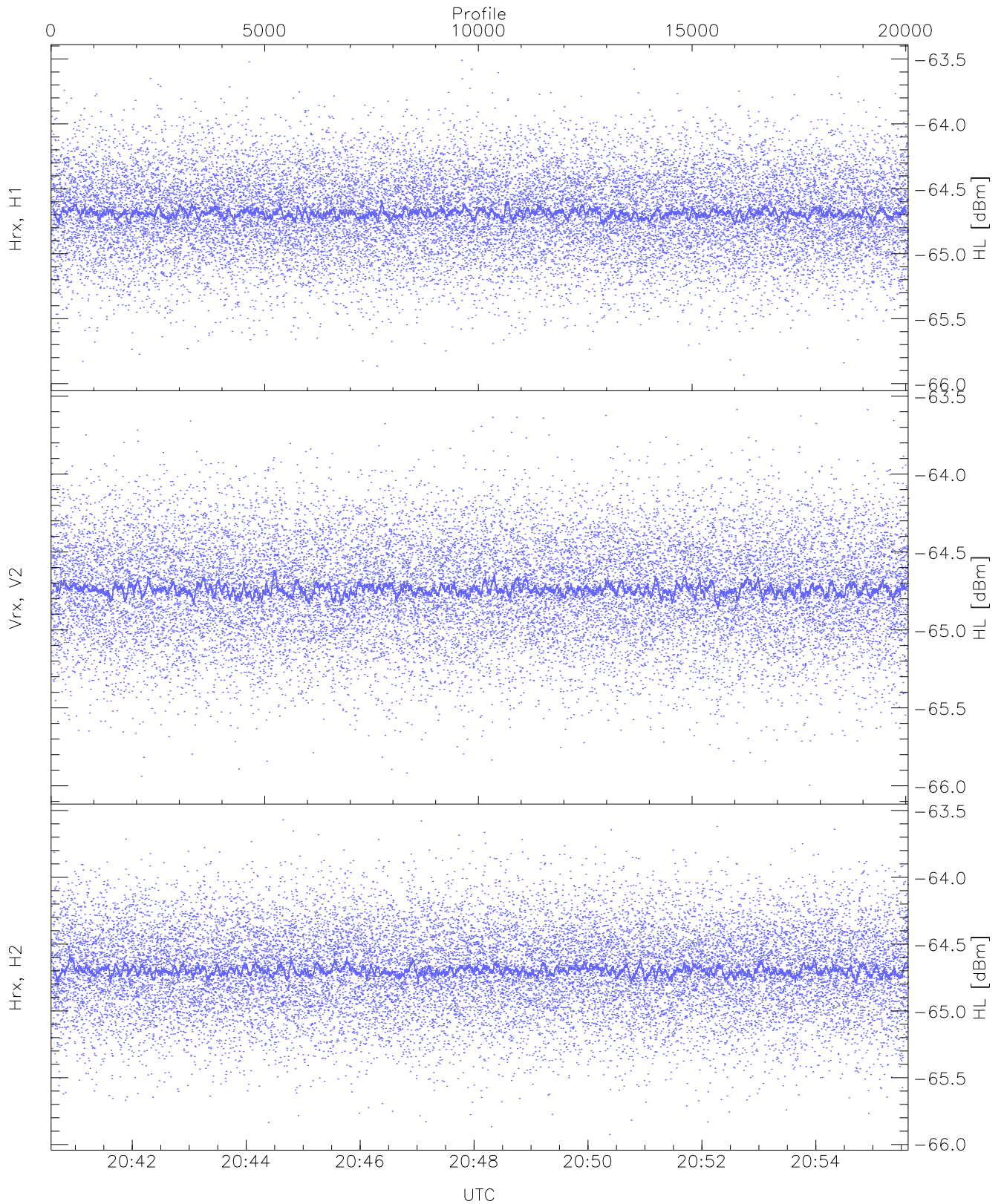
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.48	-65.25	-65.36	-65.36	-86.86
RMPHrxH1 (std_dBm)	-76.06	-74.55	-75.37	-75.37	-89.22
RMPVrxV2 (mean_dBm)	-65.09	-64.84	-64.96	-64.96	-86.52
RMPVrxV2 (std_dBm)	-75.88	-74.30	-74.98	-74.98	-88.79
RMPHrxH2 (mean_dBm)	-65.07	-64.80	-64.92	-64.92	-86.46
RMPHrxH2 (std_dBm)	-75.71	-74.22	-74.94	-74.94	-88.70



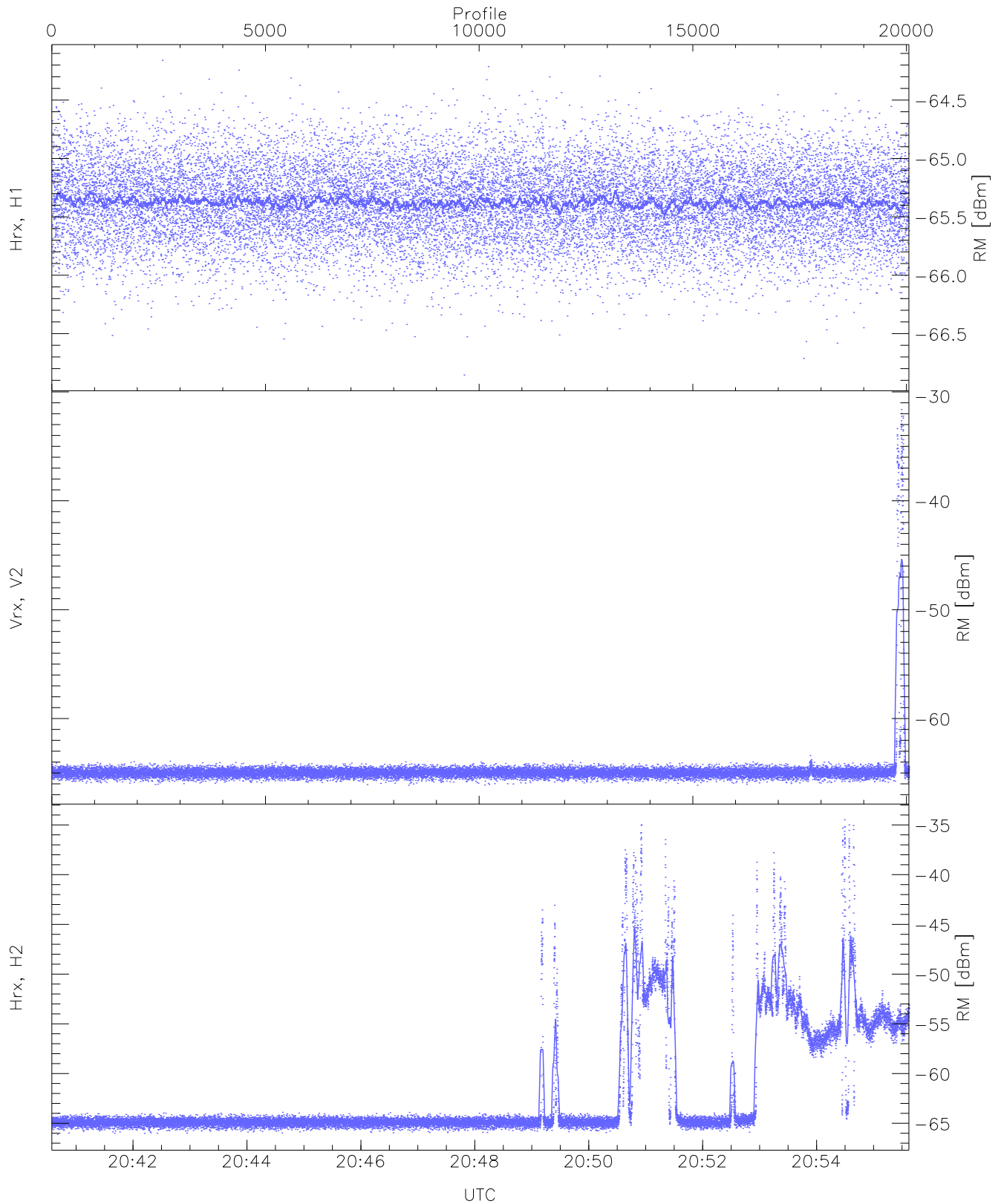
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.16	-63.79	-64.89	-64.89	-76.38
Vrx, V2 (WL [dBm])	-66.26	-63.82	-64.91	-64.92	-76.39
Hrx, H2 (WL [dBm])	-66.54	-63.65	-64.89	-64.90	-76.37



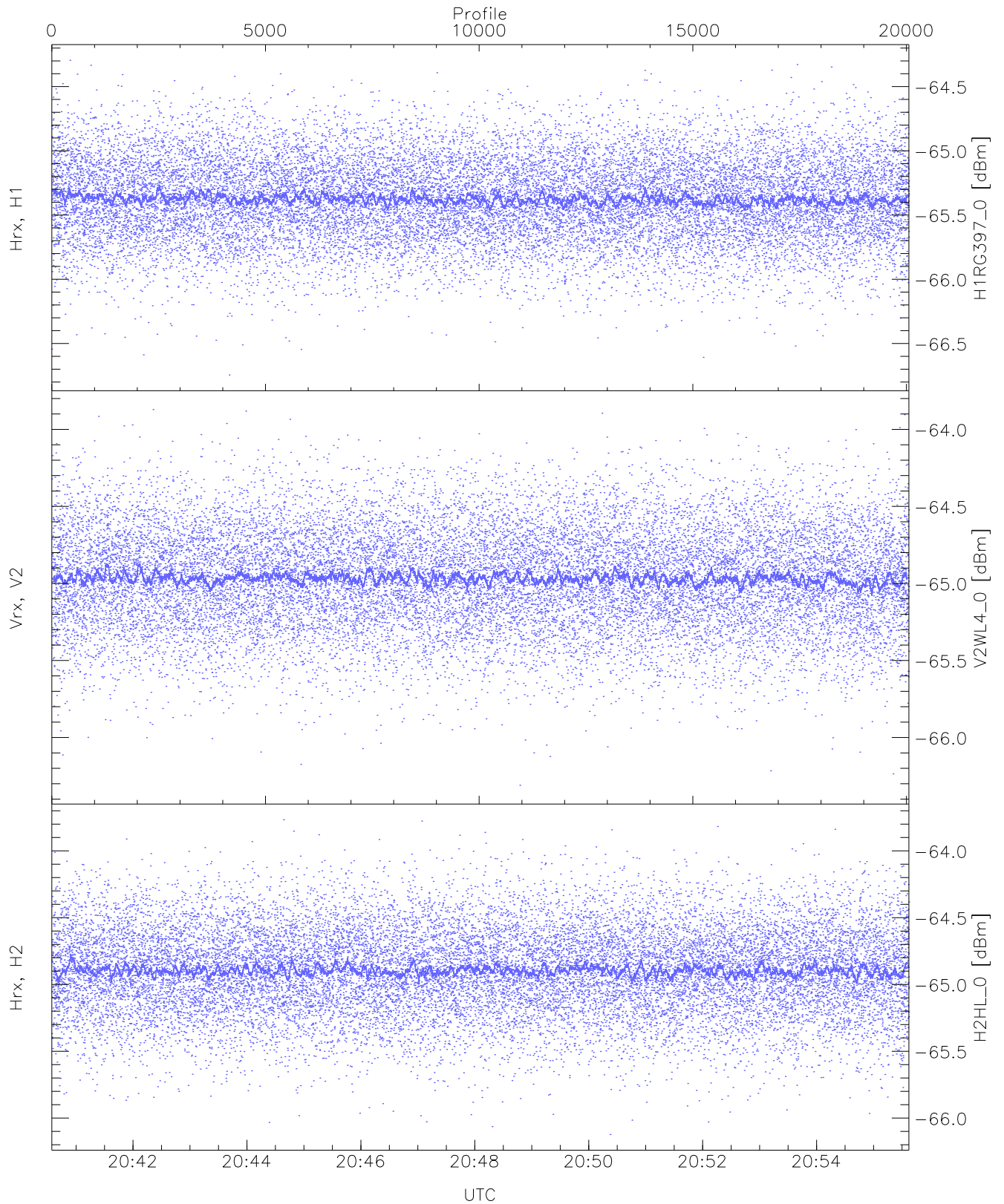
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.93	-63.51	-64.68	-64.69	-76.20
Vrx, V2 (HL [dBm])	-66.00	-63.59	-64.73	-64.74	-76.22
Hrx, H2 (HL [dBm])	-65.92	-63.57	-64.69	-64.70	-76.19



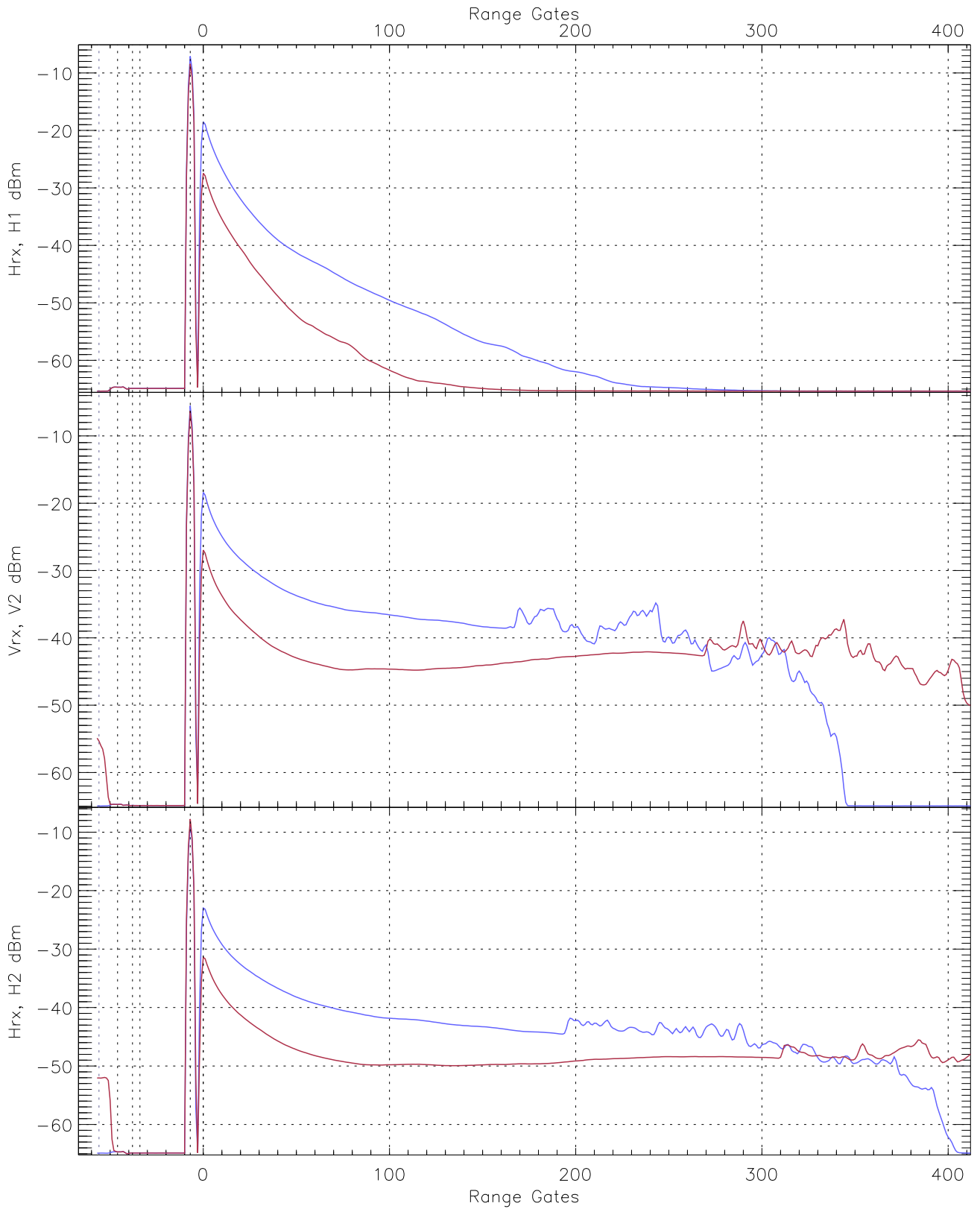
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.85	-64.16	-65.37	-65.37	-76.85
Vrx, V2 (RM [dBm])	-66.13	-31.62	-57.89	-64.98	-46.84
Hrx, H2 (RM [dBm])	-66.12	-34.48	-54.83	-64.75	-48.12

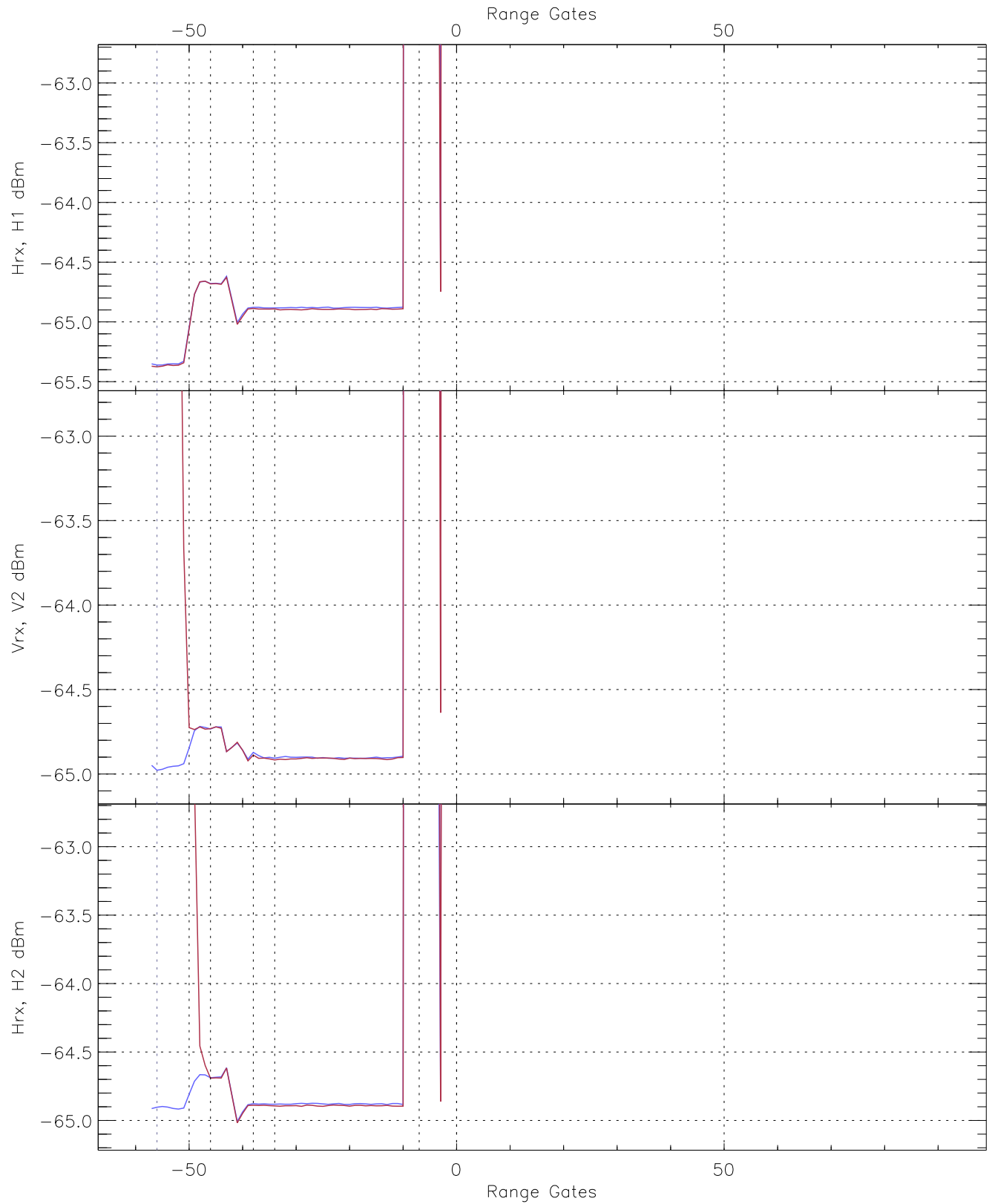


WCR3 CPP "Best" estimate Receivers Noise Power

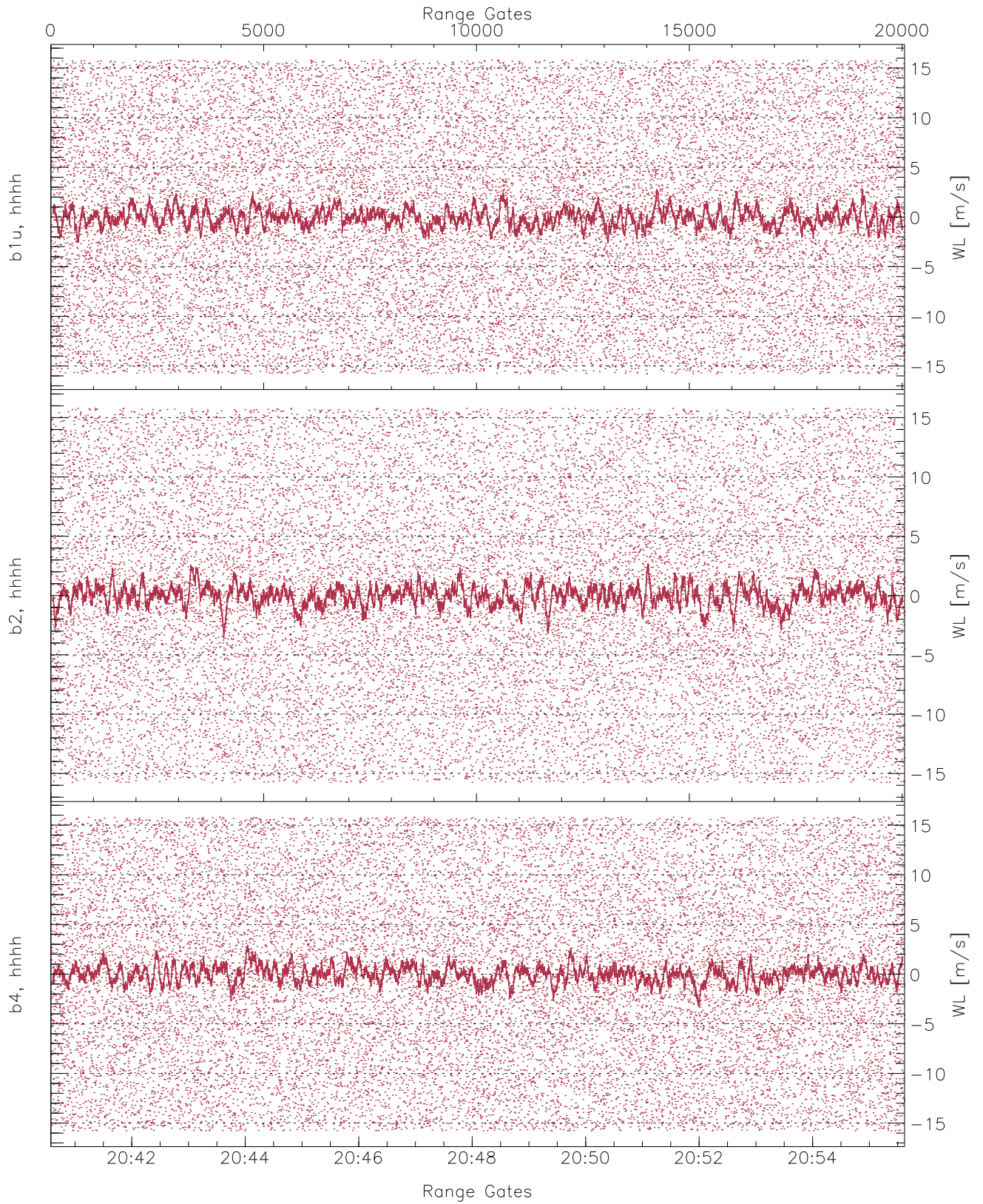
	Min	Max	Mean	Median	StDev
H1RG397_0 [dBm]	-66.75	-64.30	-65.37	-65.38	-76.86
V2WL4_0 [dBm]	-66.31	-63.87	-64.96	-64.97	-76.44
H2HL_0 [dBm]	-66.12	-63.77	-64.89	-64.90	-76.39



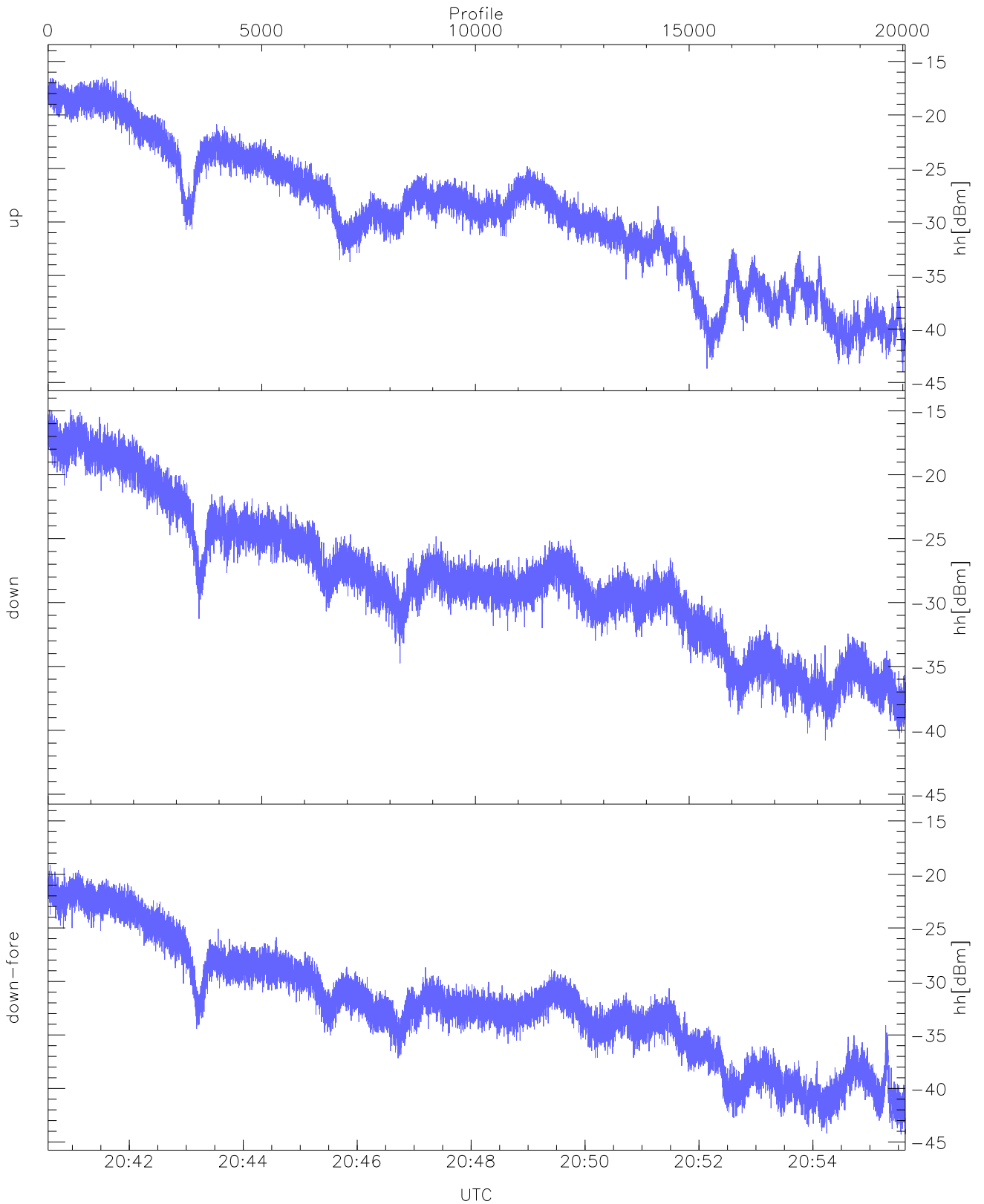
WCR3 CPP Averaged Received power for all recorded gates
blue: 204034-204806, 10030 profiles averaged
red: 204806-205537, 10029 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 204034-204806, 10030 profiles averaged
red: 204806-205537, 10029 profiles averaged

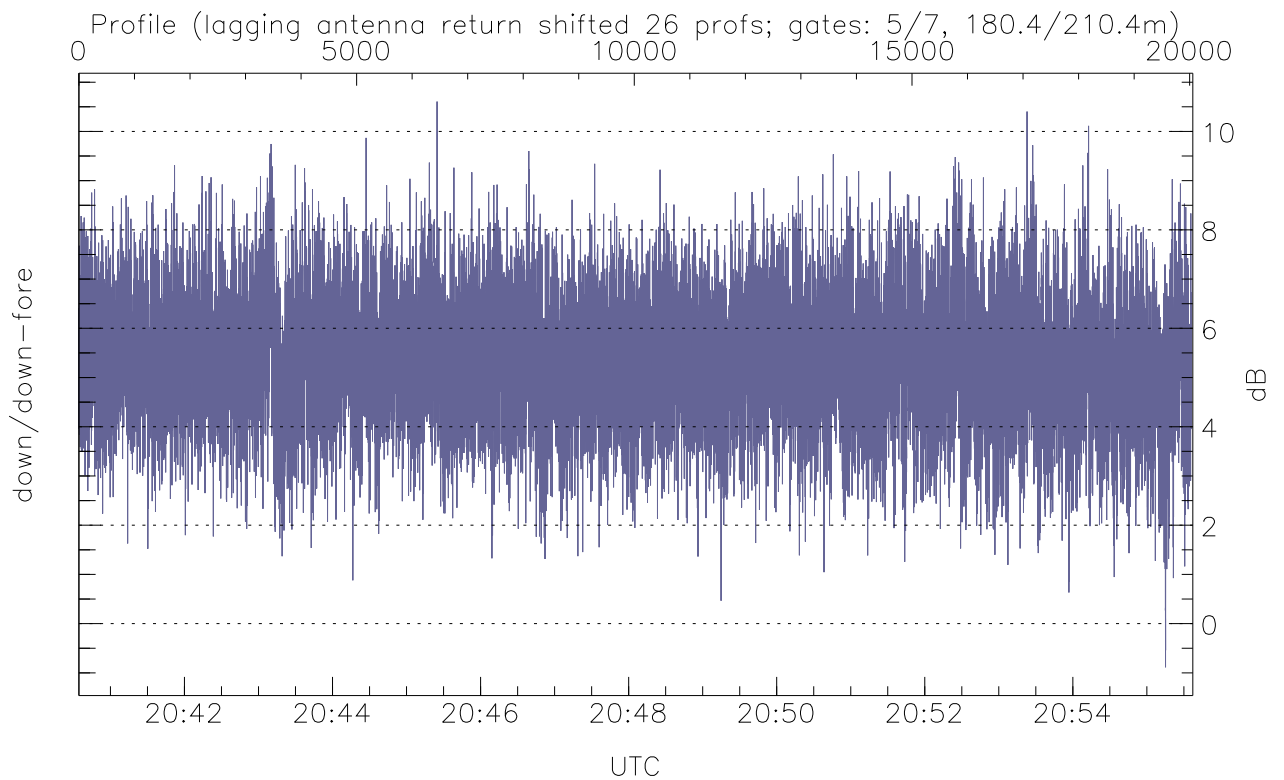
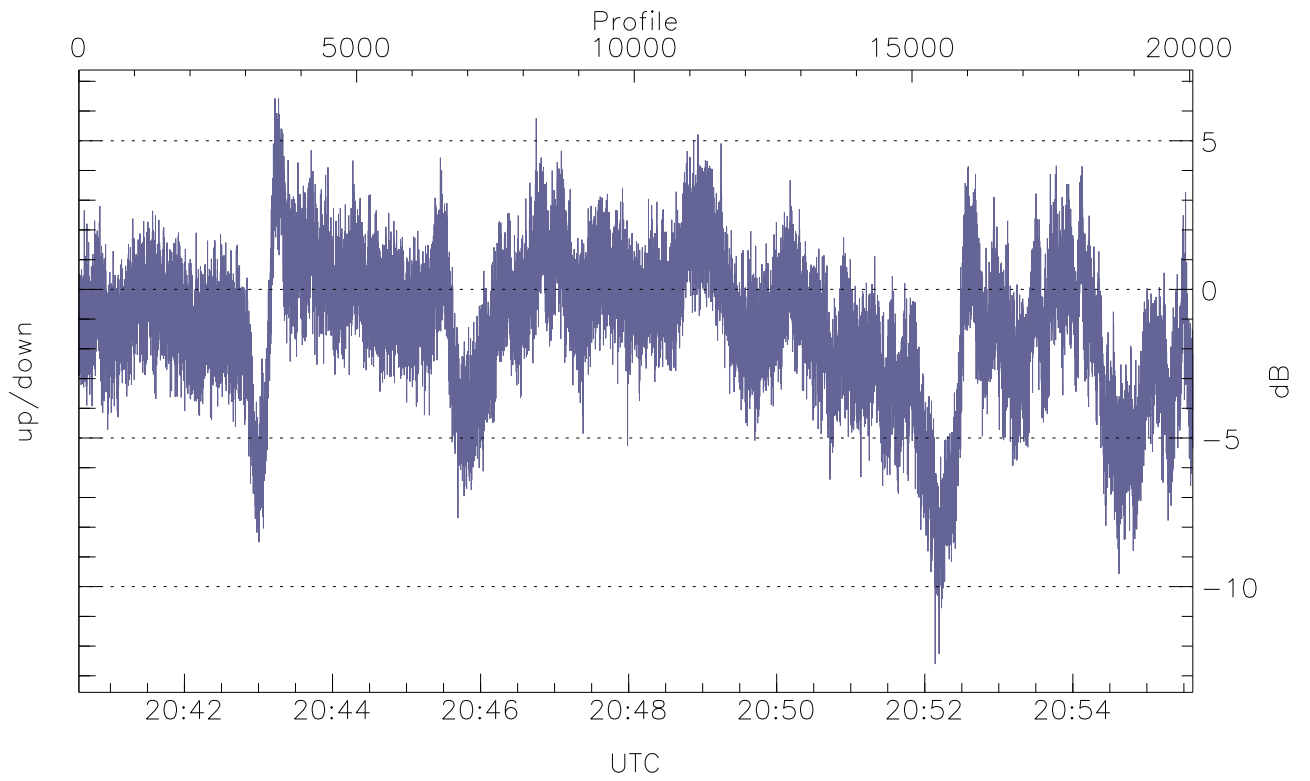


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



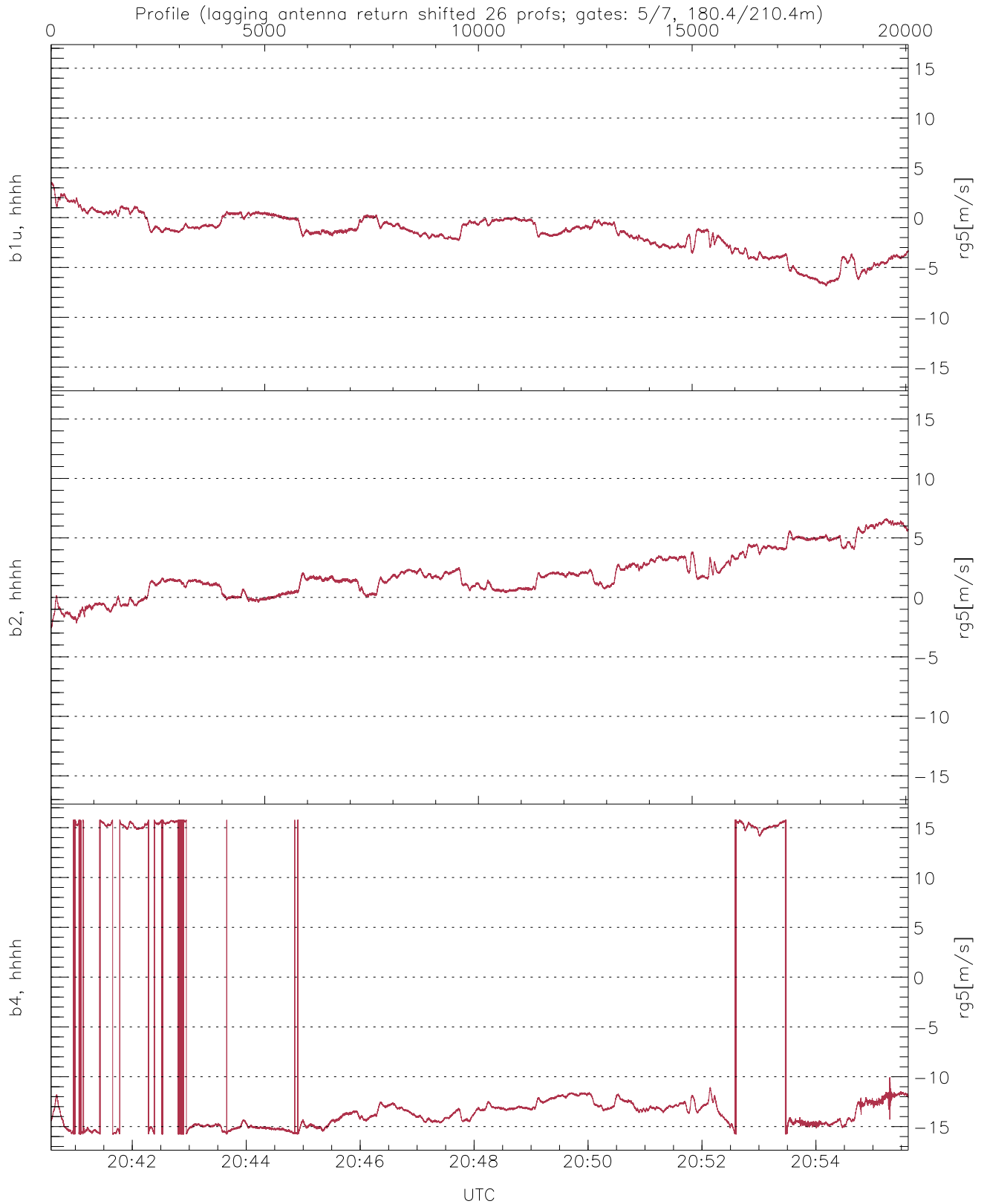
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-43.98	-16.46	-25.47
down(hh[dBm])	-40.78	-14.89	-24.69
down-fore(hh[dBm])	-44.30	-19.12	-28.92



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

	Min	Max	Mean
up/down (dB)	-12.60	6.43	-1.23
down/down-fore (dB)	-0.89	10.61	5.34



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-6.87	3.54	-1.60	1.95
b2, hhhh(rg5[m/s])	-2.59	6.64	1.93	1.90
b4, hhhh(rg5[m/s])	-15.79	15.79	-9.40	10.47