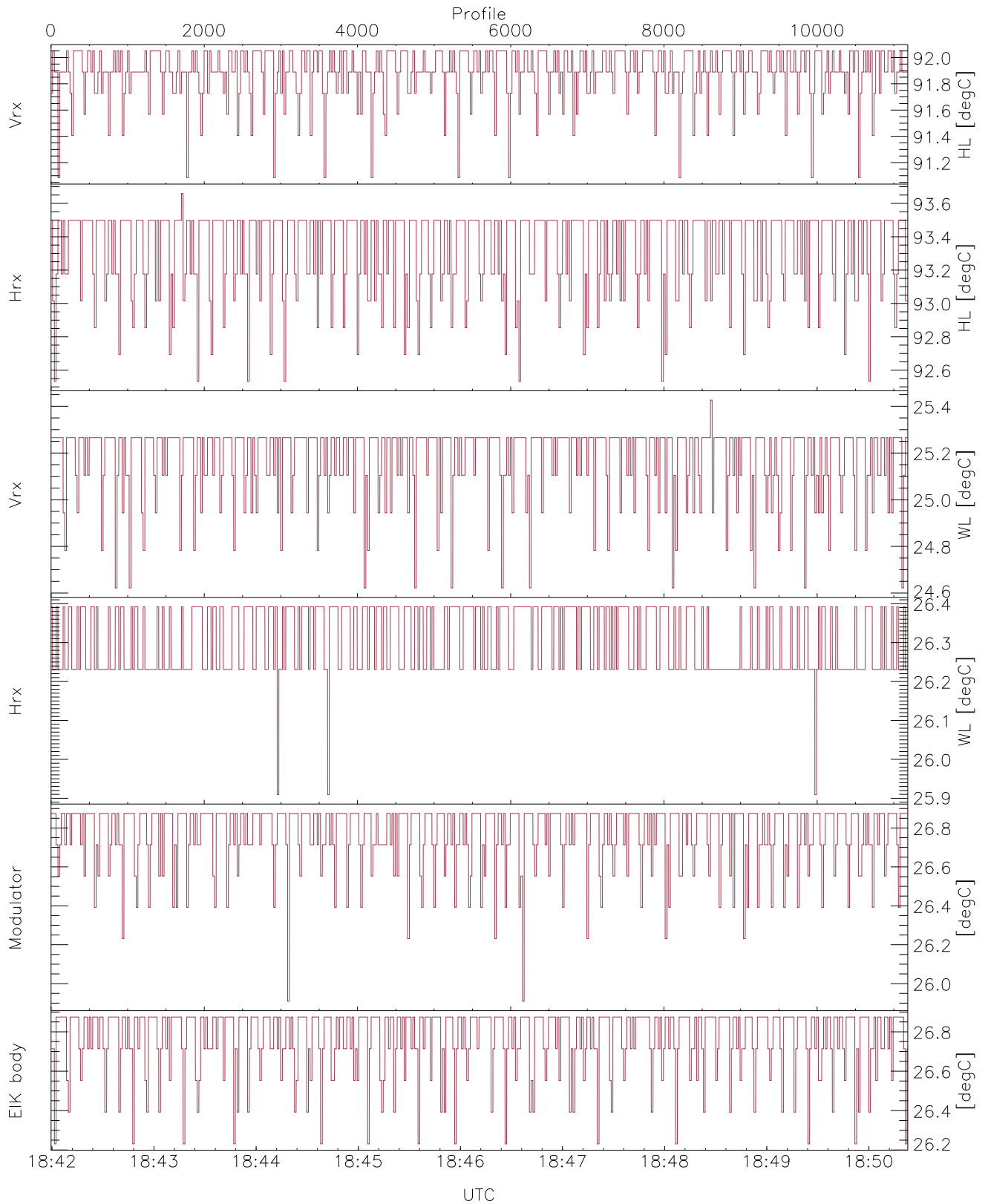


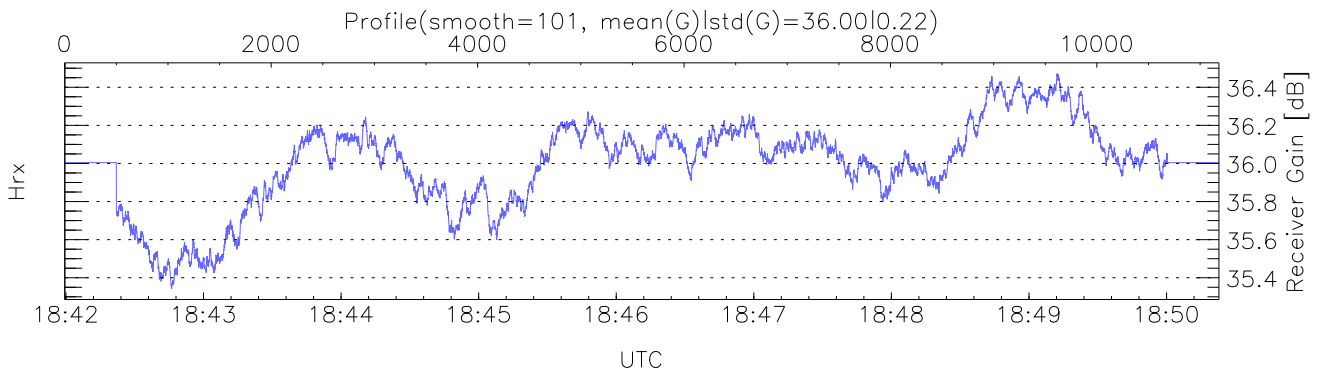
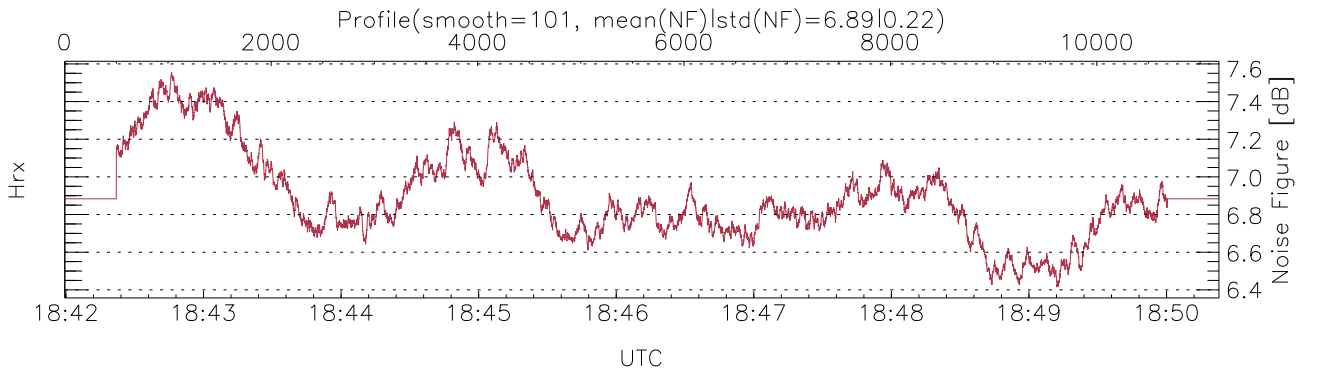
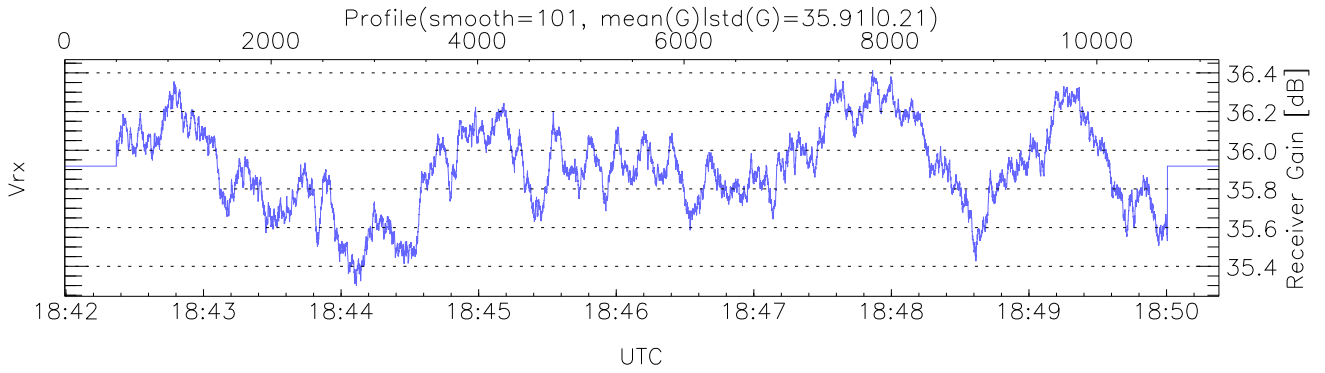
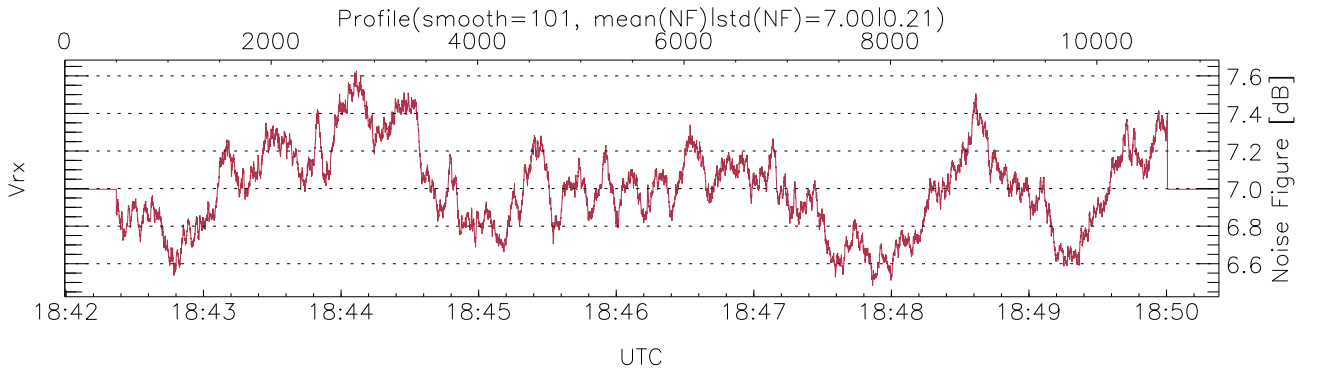
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:42:00-18:50:23, TimeCor: 0.00s, Dur: 503.36s
 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): 11184/11184, 0-11183/18:42:00-18:50:23
 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



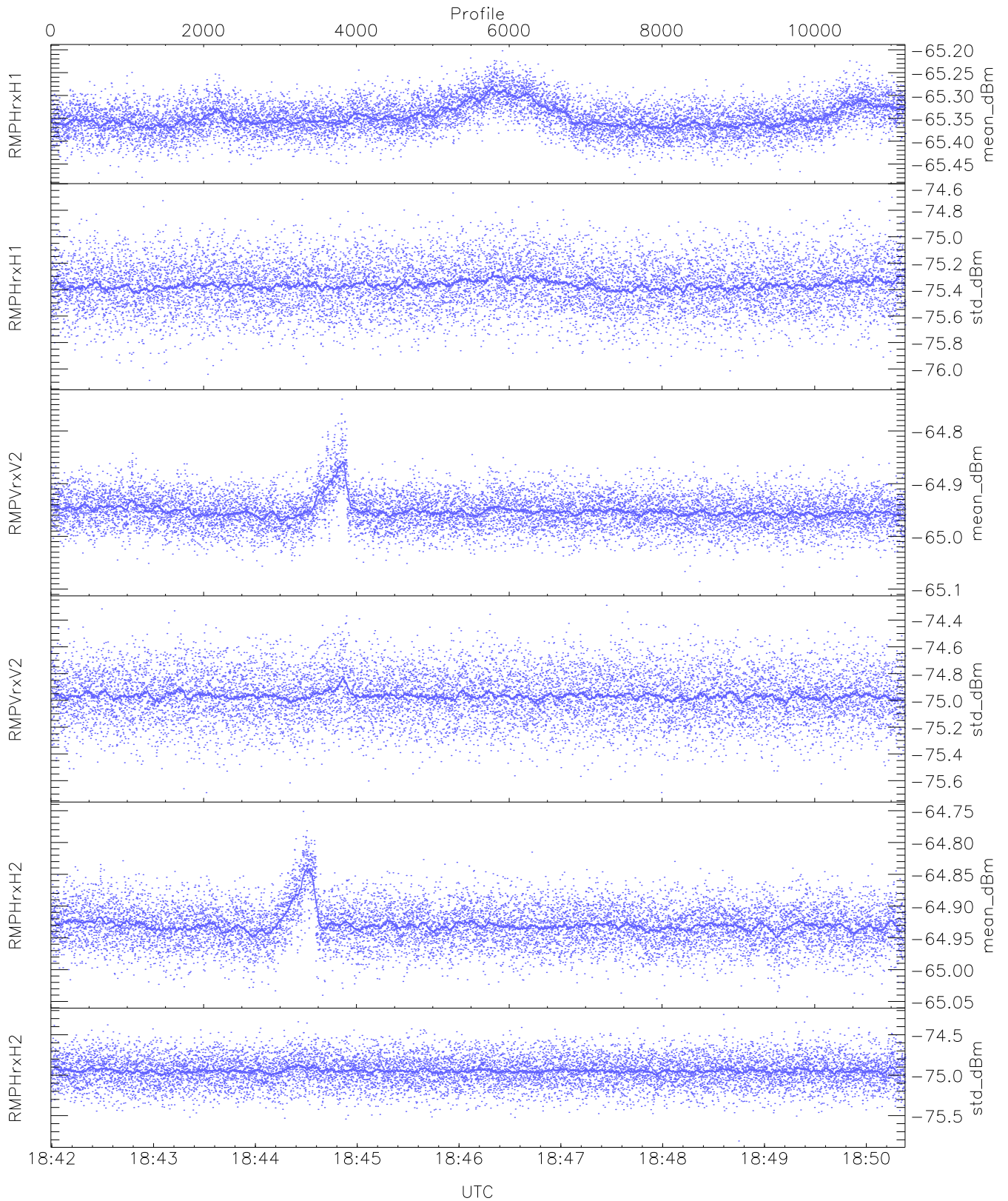
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,26,26
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



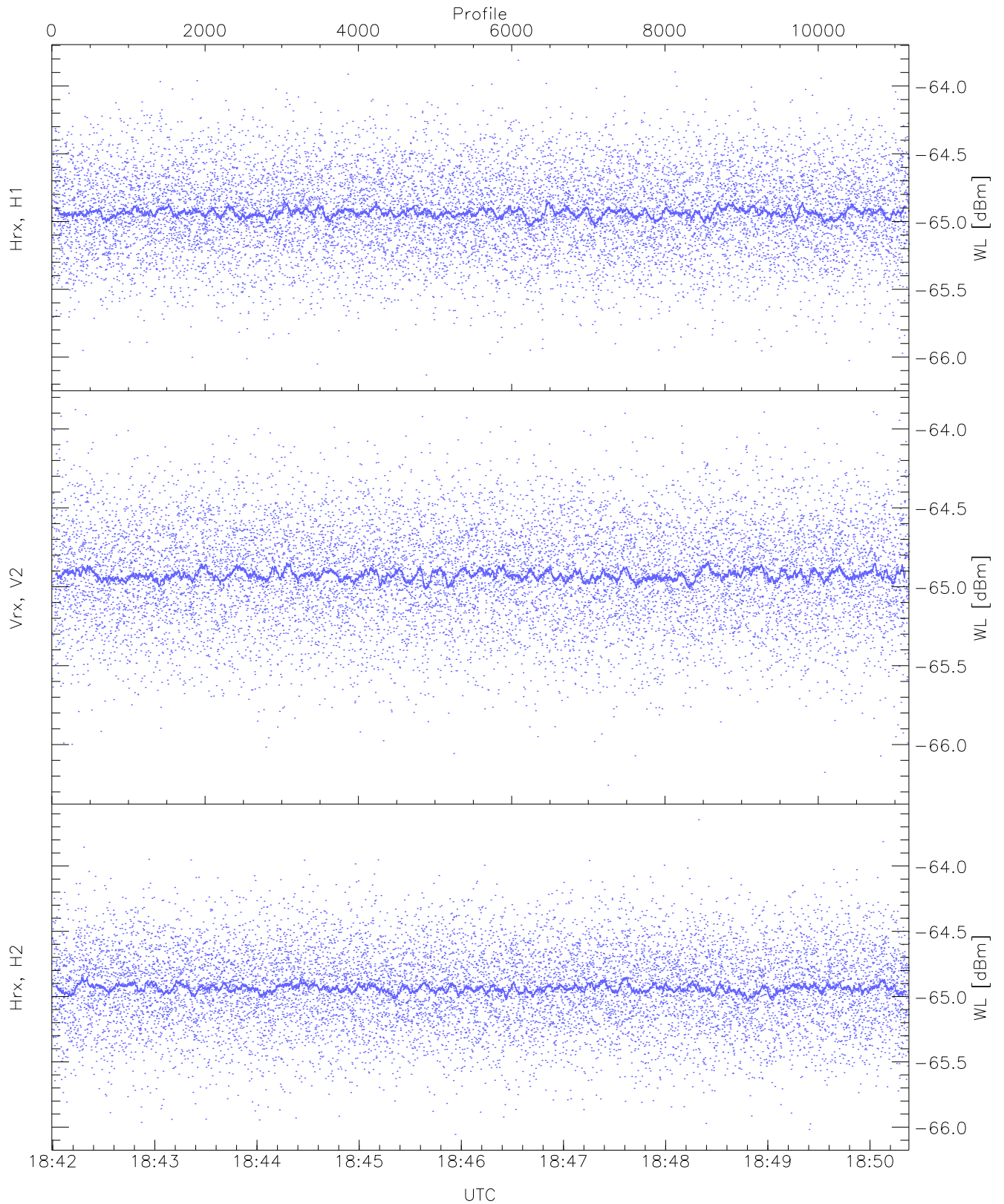
WCR3 CPP Receivers Gain and Noise Figure

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



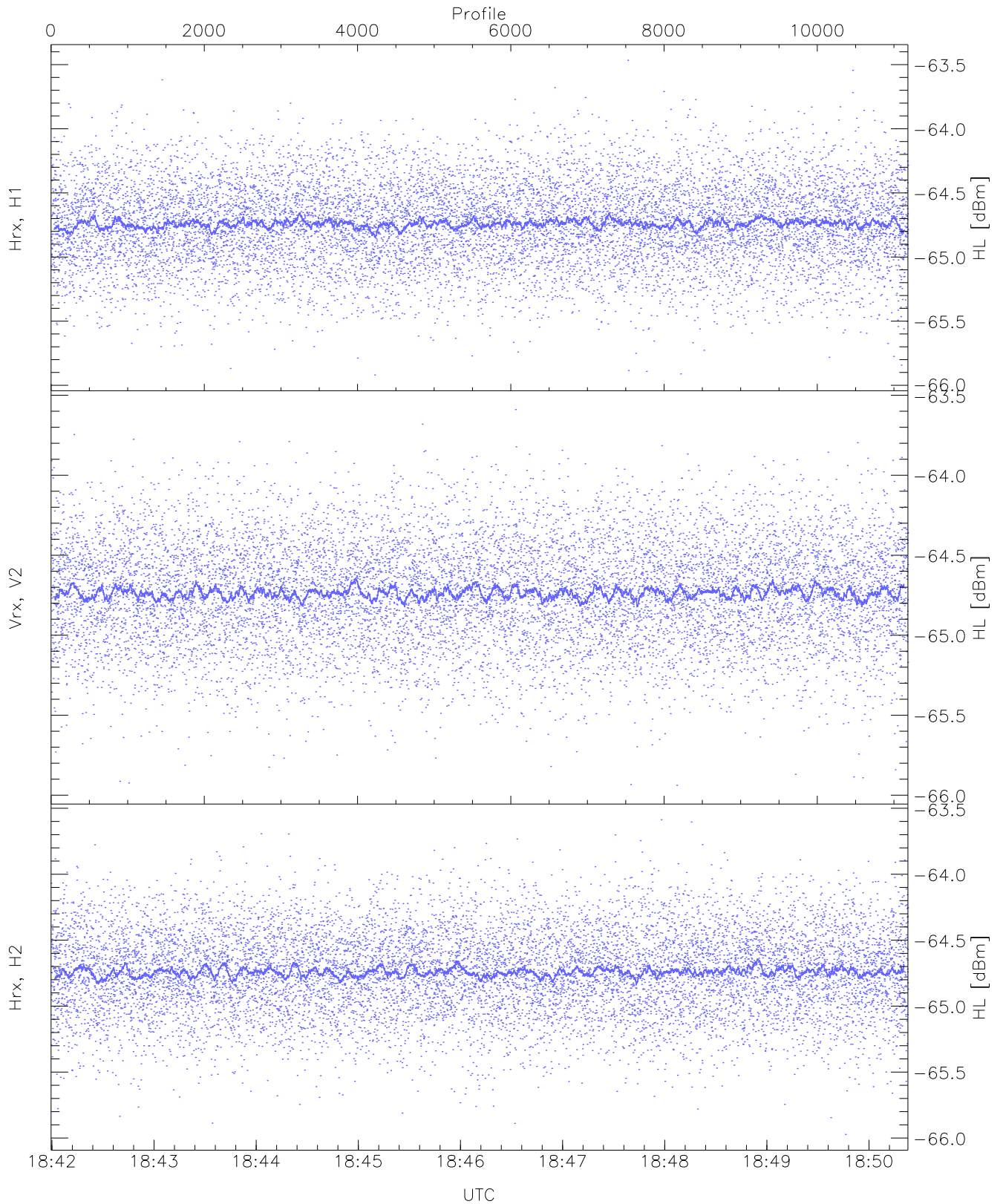
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.20	-65.35	-65.35	-86.14
RMPHrxH1(std_dBm)	-76.09	-74.67	-75.36	-75.37	-89.15
RMPVrxV2(mean_dBm)	-65.10	-64.74	-64.95	-64.95	-86.09
RMPVrxV2(std_dBm)	-75.69	-74.29	-74.96	-74.97	-88.73
RMPHrxH2(mean_dBm)	-65.05	-64.75	-64.93	-64.93	-86.14
RMPHrxH2(std_dBm)	-75.81	-74.25	-74.94	-74.95	-88.75



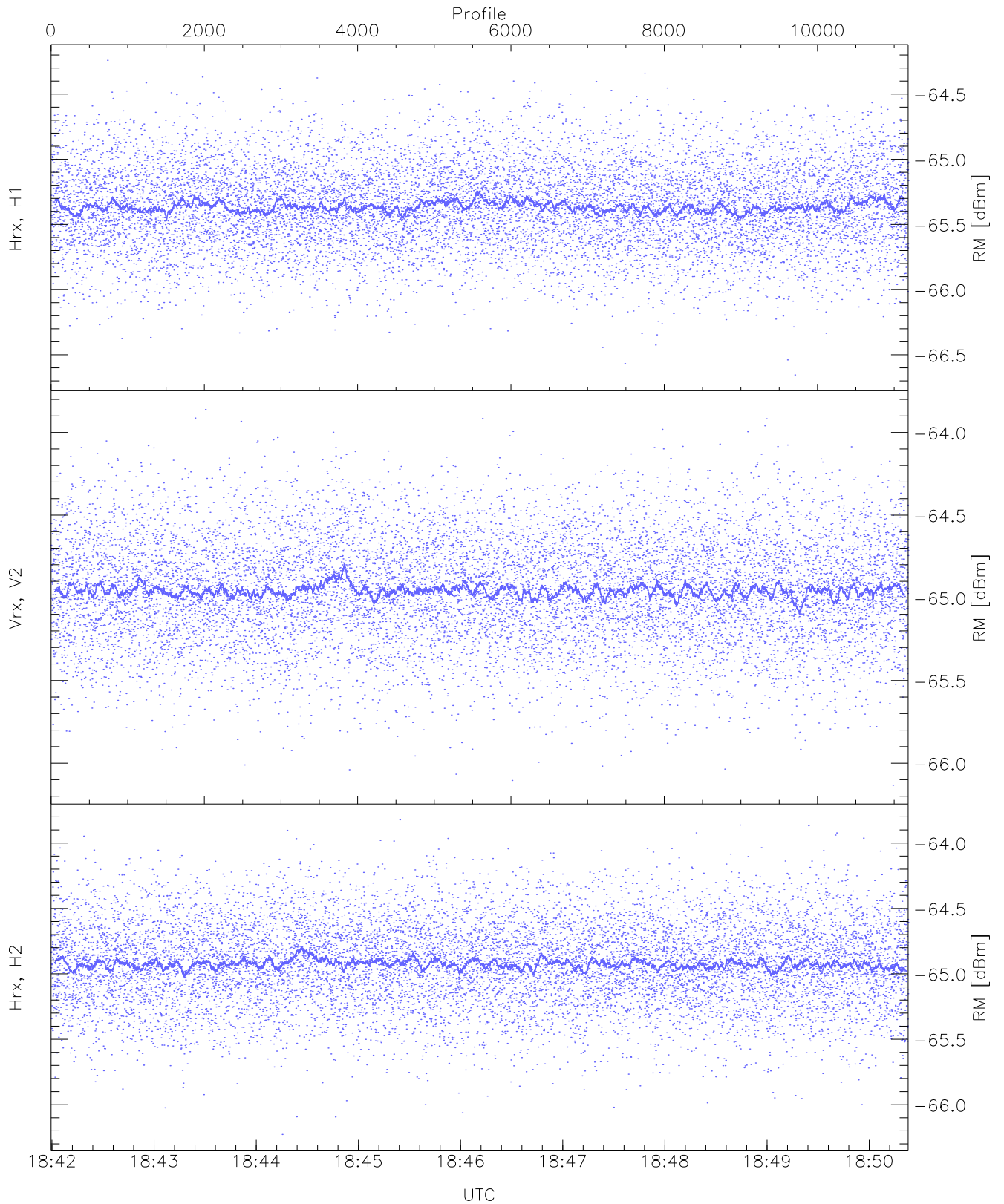
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.13	-63.81	-64.93	-64.94	-76.45
Vrx, V2 (WL [dBm])	-66.26	-63.88	-64.92	-64.92	-76.37
Hrx, H2 (WL [dBm])	-66.06	-63.65	-64.93	-64.93	-76.45



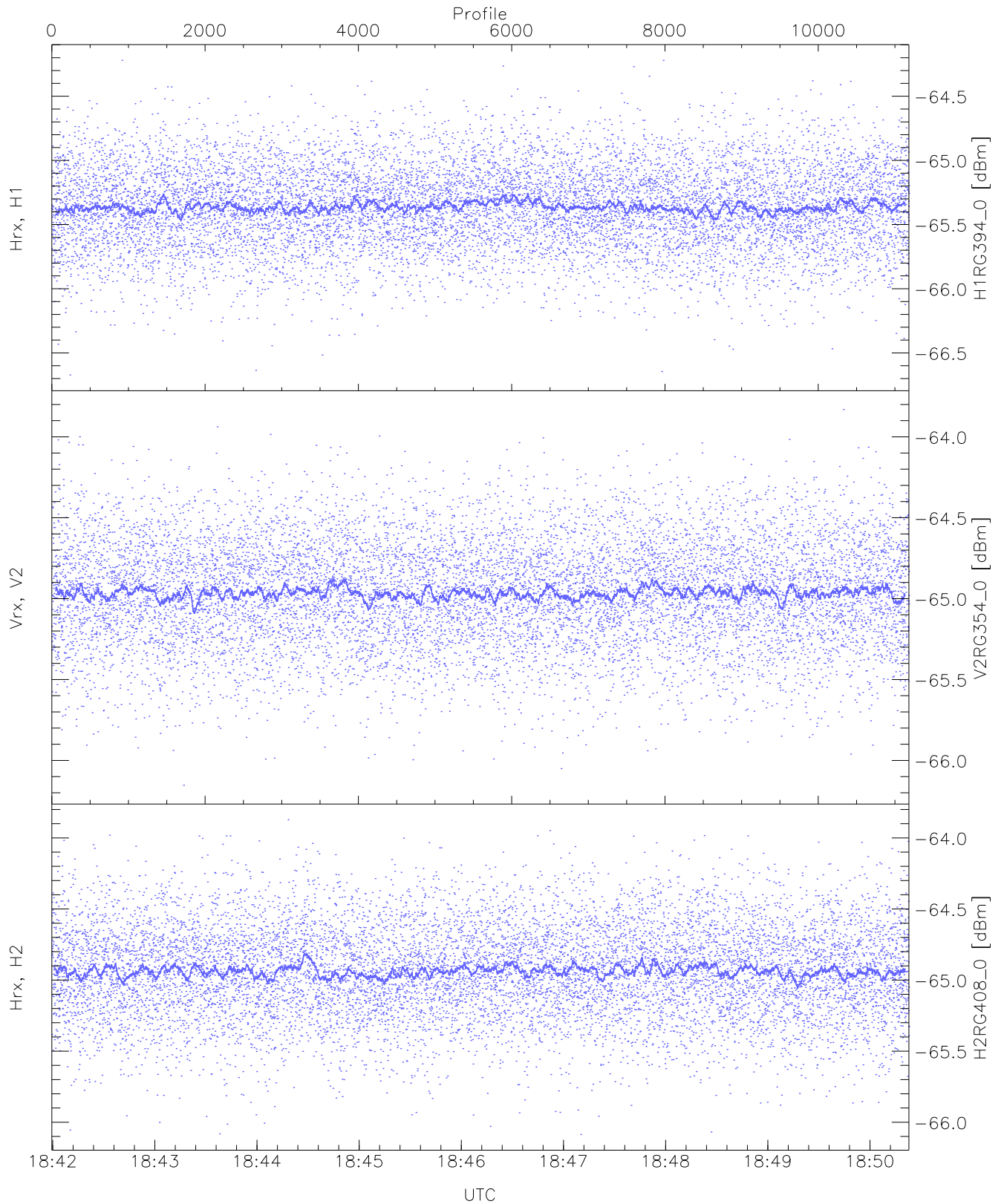
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.92	-63.47	-64.73	-64.74	-76.19
Vrx, V2 (HL [dBm])	-65.94	-63.59	-64.73	-64.73	-76.22
Hrx, H2 (HL [dBm])	-65.97	-63.59	-64.73	-64.74	-76.24



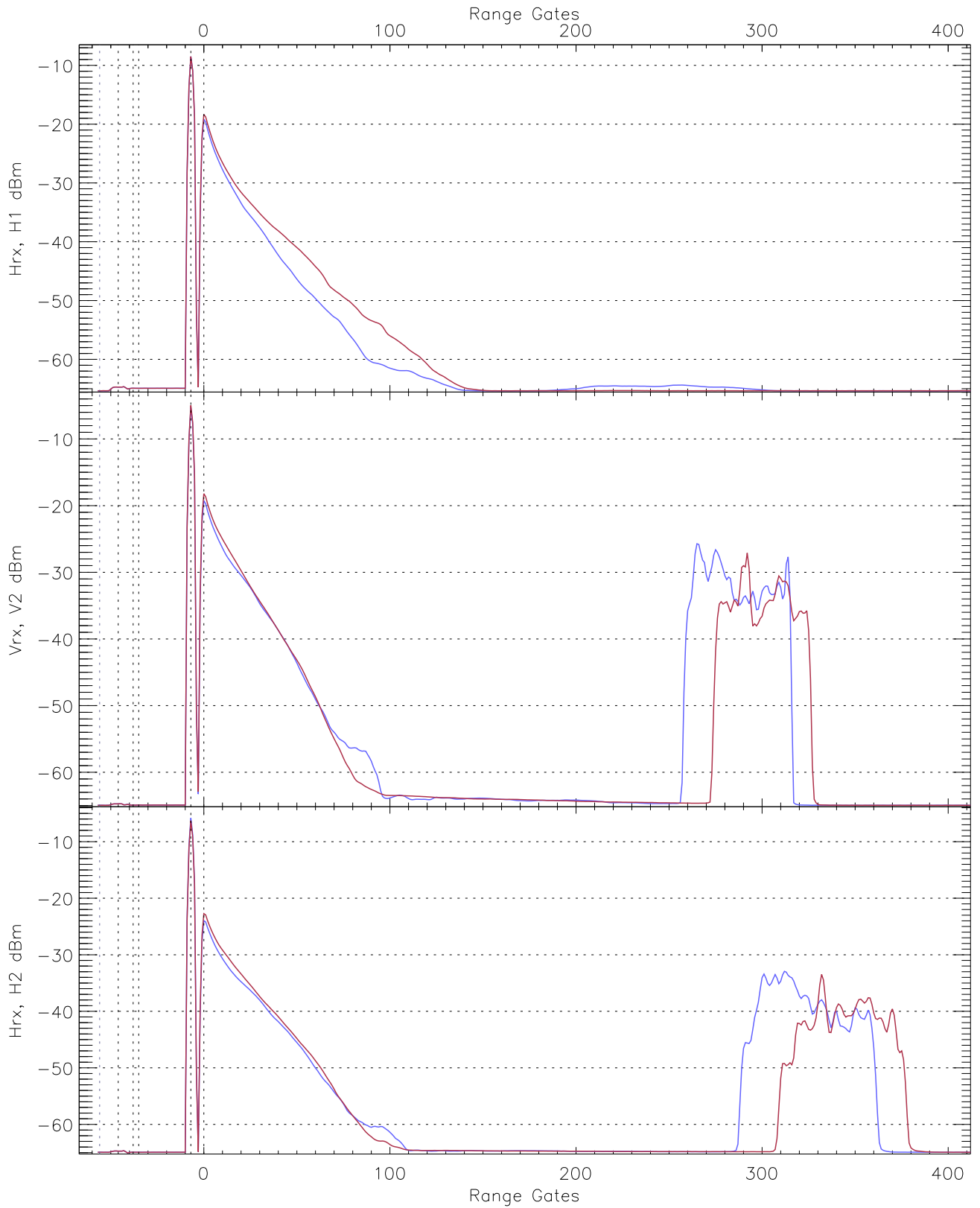
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.65	-64.24	-65.36	-65.36	-76.87
Vrx, V2 (RM [dBm])	-66.13	-63.86	-64.95	-64.96	-76.47
Hrx, H2 (RM [dBm])	-66.23	-63.82	-64.92	-64.92	-76.40

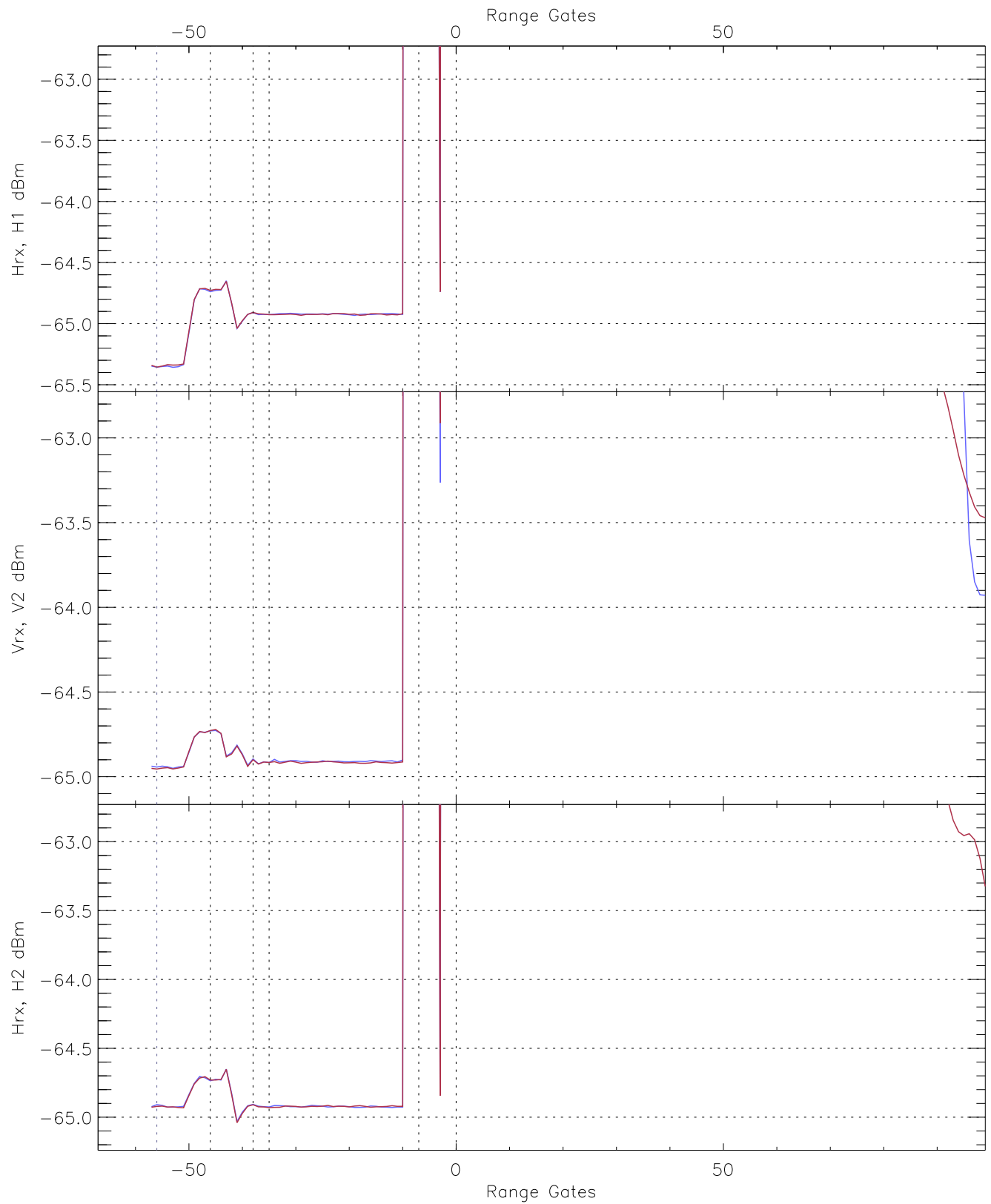


WCR3 CPP "Best" estimate Receivers Noise Power

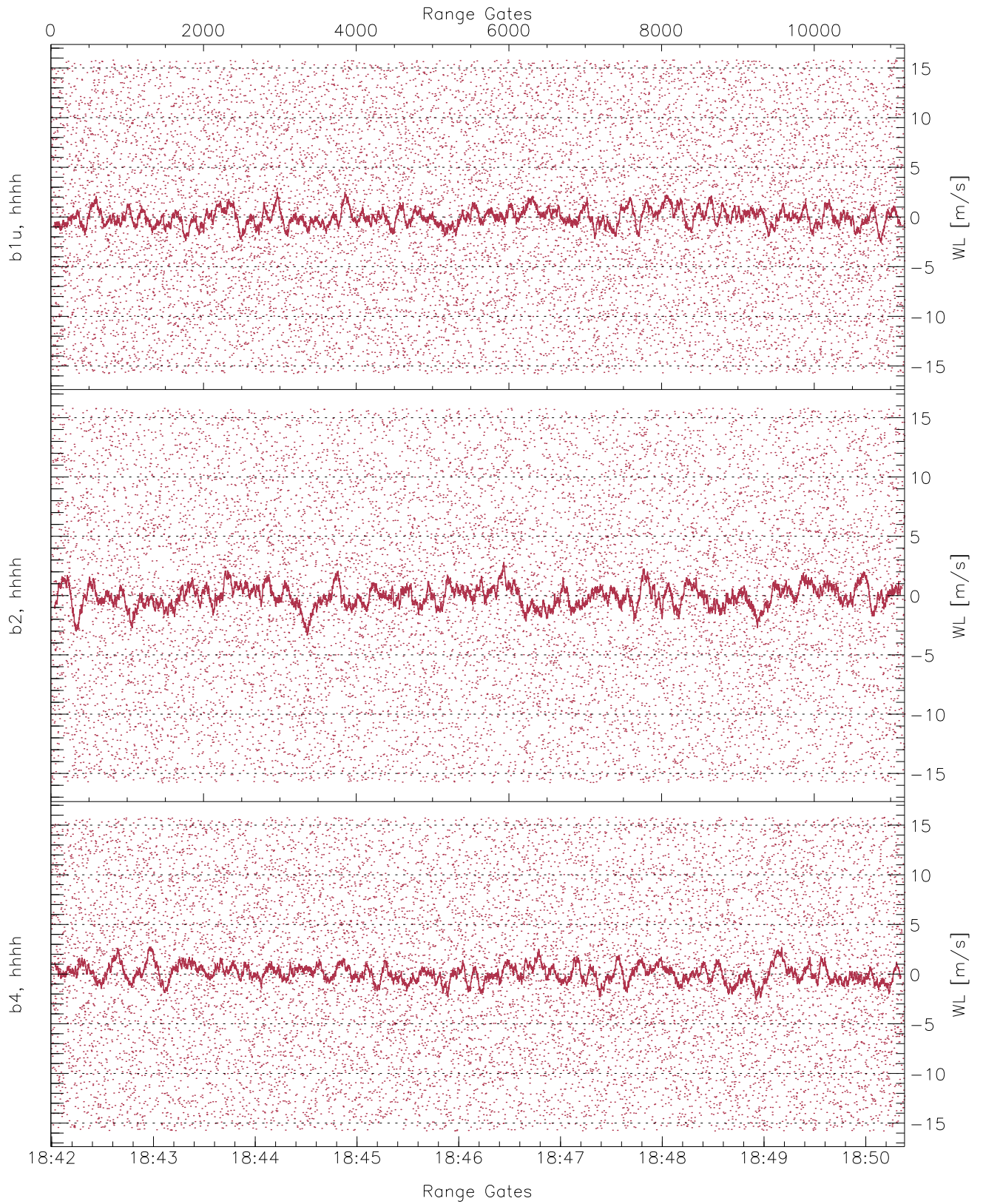
	Min	Max	Mean	Median	StDev
H1RG394_0 [dBm]	-66.67	-64.22	-65.36	-65.36	-76.87
V2RG354_0 [dBm]	-66.15	-63.83	-64.96	-64.96	-76.44
H2RG408_0 [dBm]	-66.09	-63.87	-64.93	-64.94	-76.42



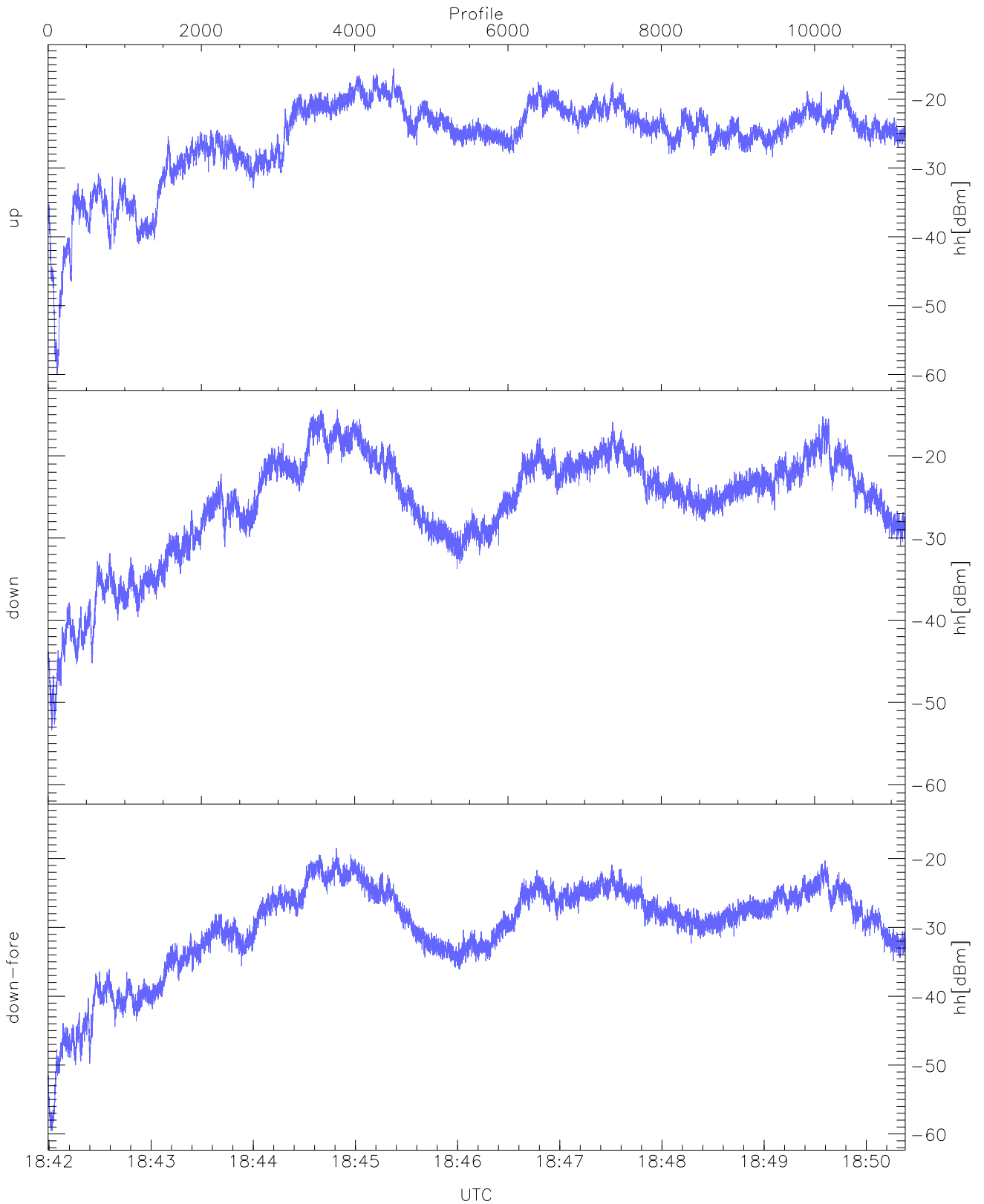
WCR3 CPP Averaged Received power for all recorded gates
blue: 184200-184611, 5593 profiles averaged
red: 184611-185023, 5592 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 184200-184611, 5593 profiles averaged
red: 184611-185023, 5592 profiles averaged

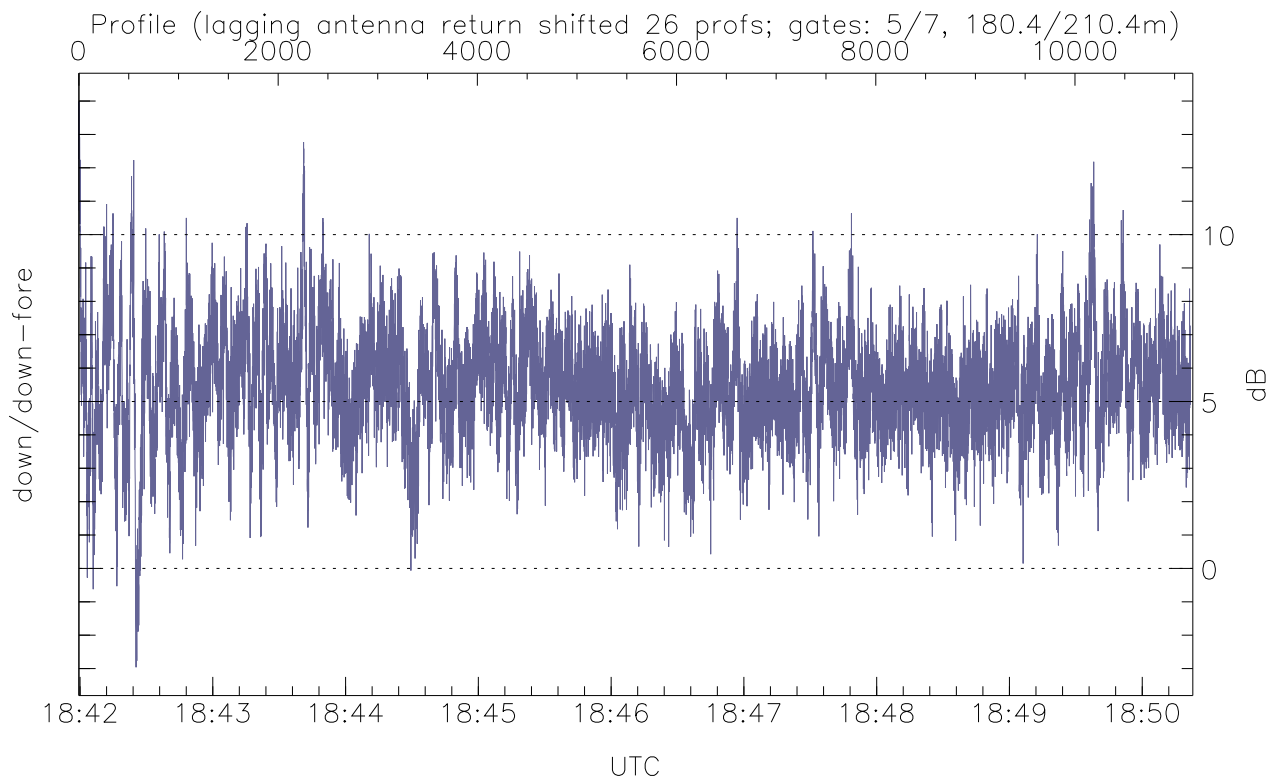
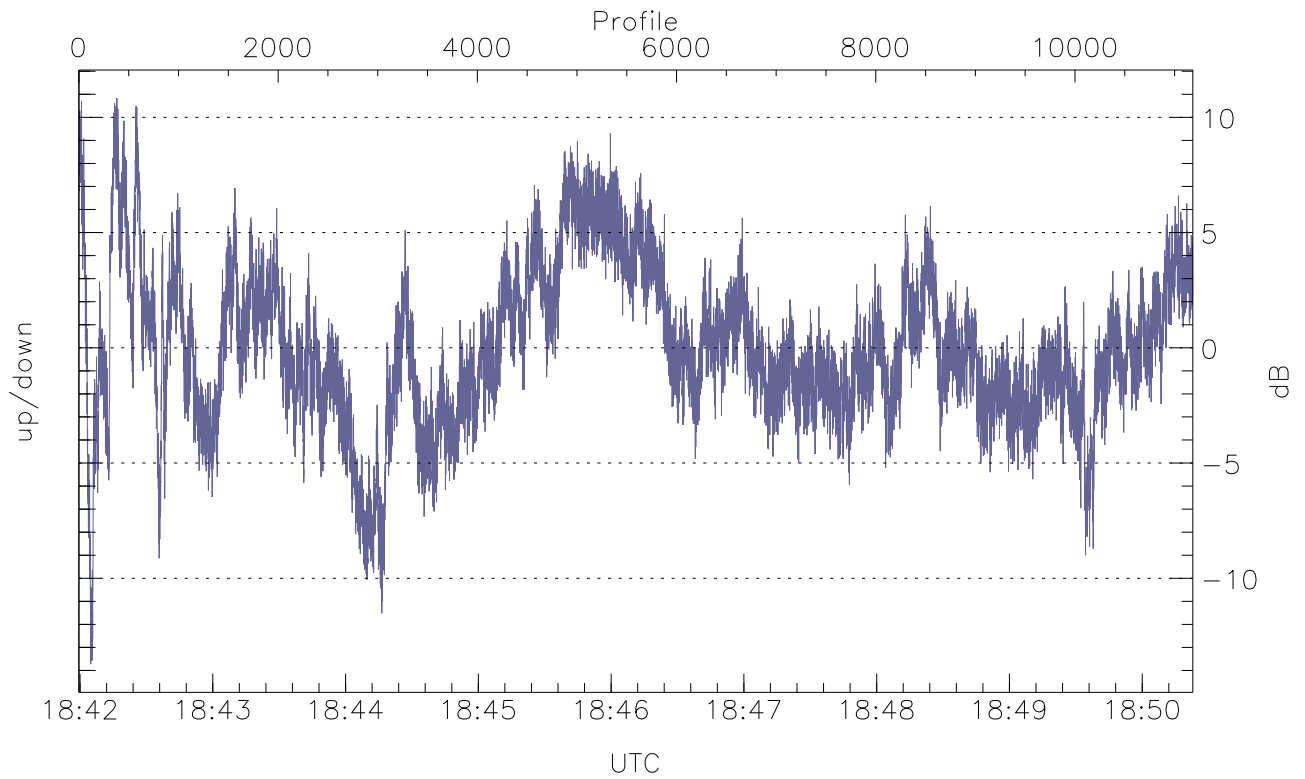


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



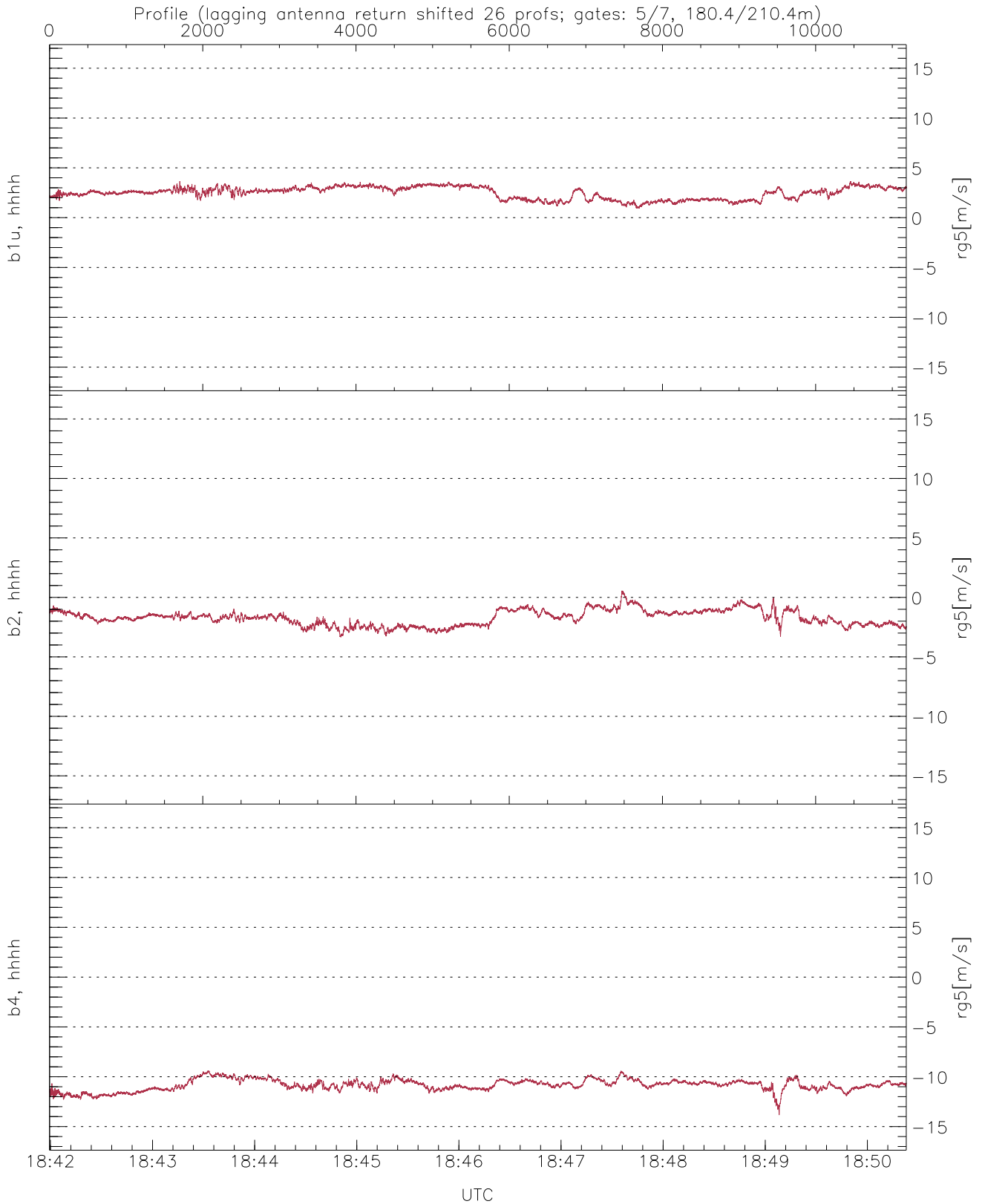
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-60.08	-15.56	-23.41
down(hh[dBm])	-53.39	-14.37	-22.69
down-fore(hh[dBm])	-59.58	-18.46	-26.95



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

	Min	Max	Mean
up/down (dB)	-13.72	10.83	0.00
down/down-fore (dB)	-2.96	13.99	5.47



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.93	3.66	2.46	0.60
b2, hhhh(rg5[m/s])	-3.33	0.53	-1.72	0.64
b4, hhhh(rg5[m/s])	-13.84	-9.37	-10.84	0.56