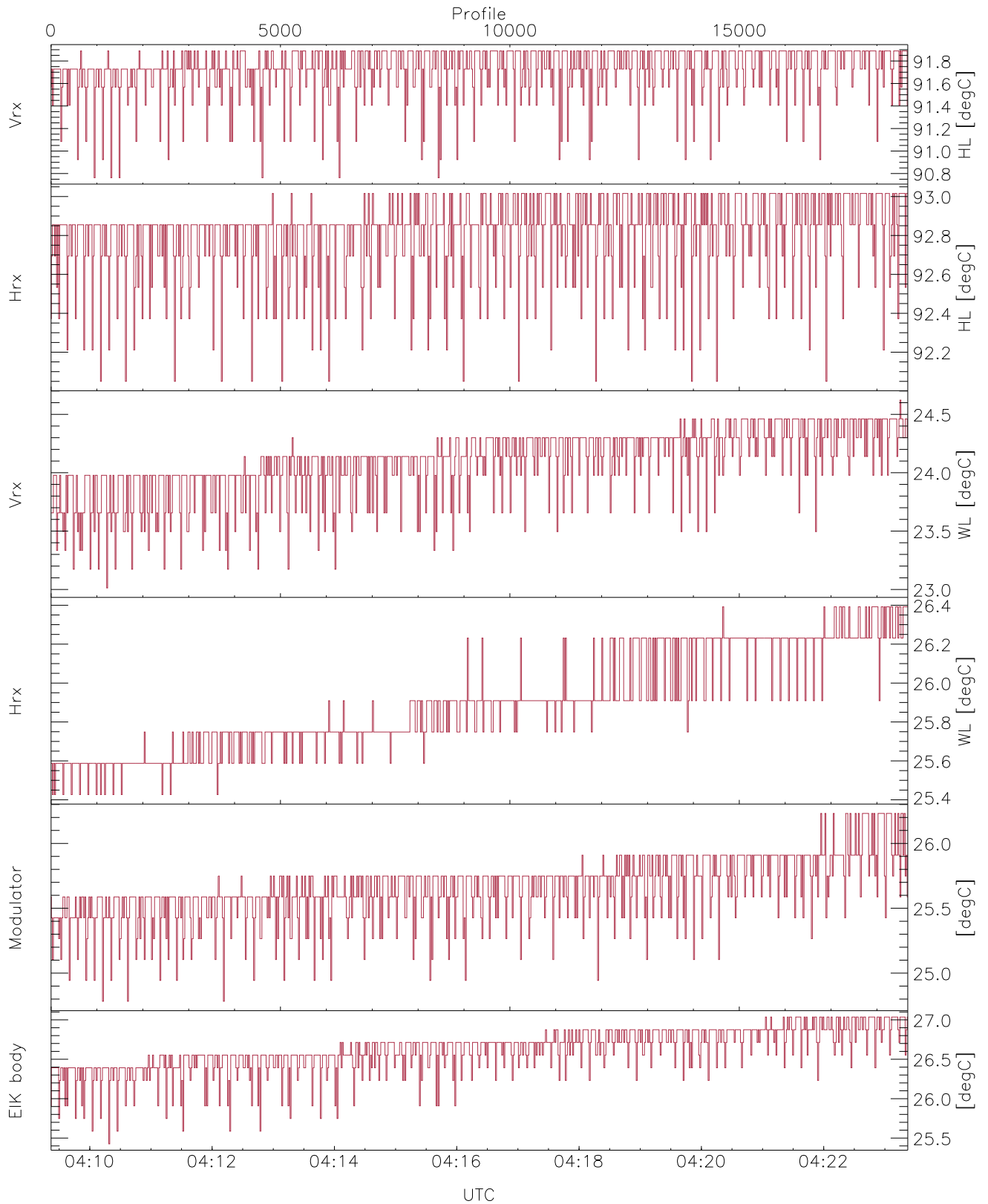


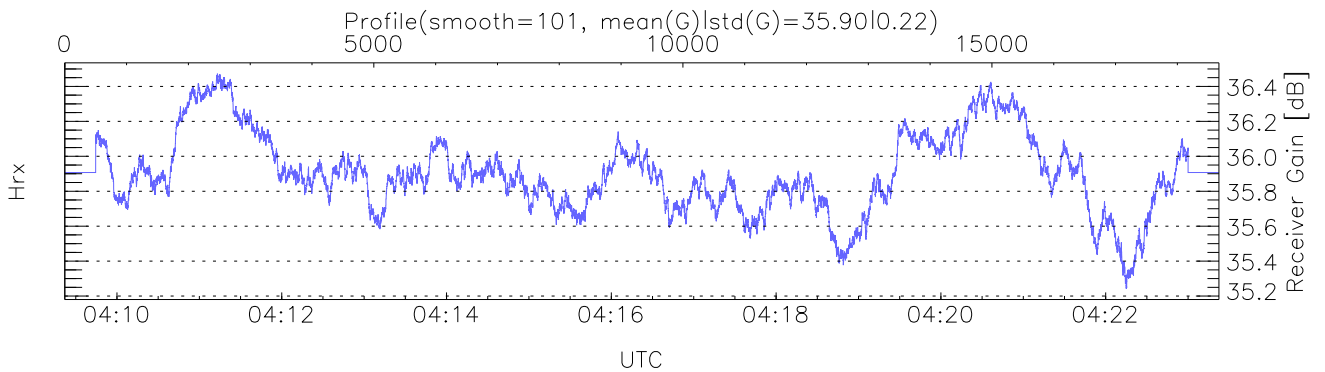
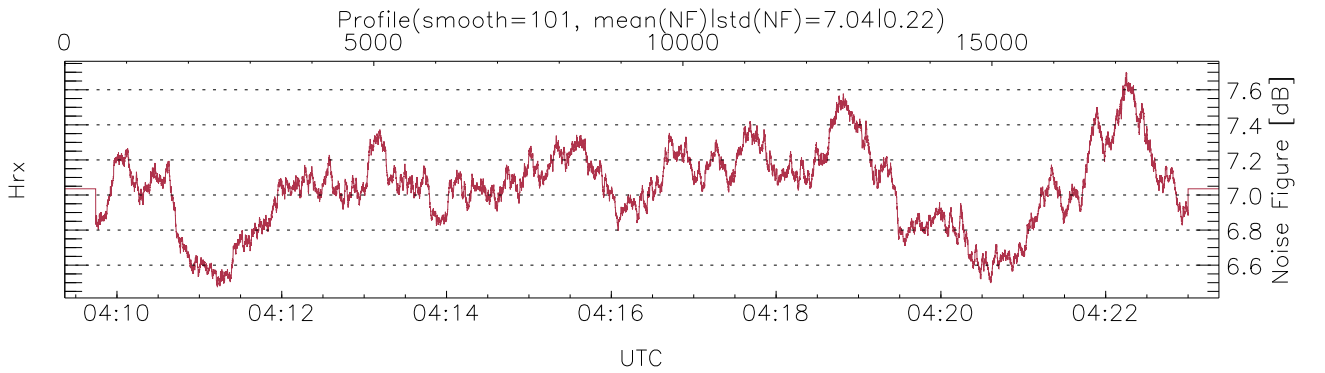
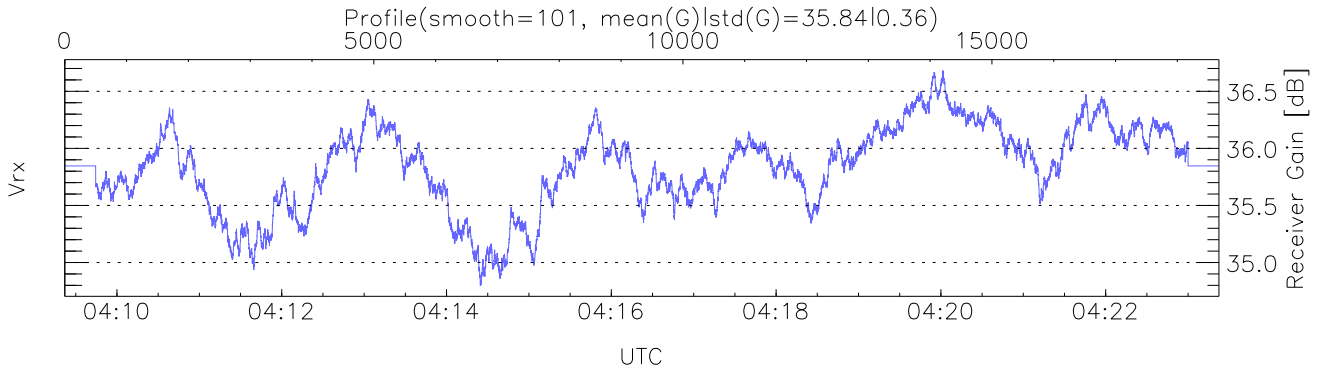
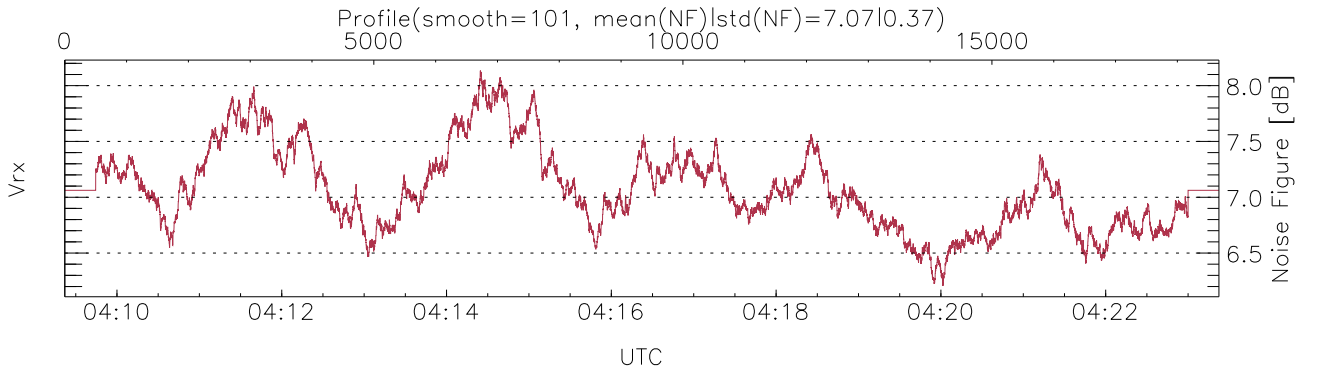
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:09:22-04:23:22, TimeCor: 0.00s, Dur: 840.49s
 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): 18674/18674, 0-18673/04:09:22-04:23:22
 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



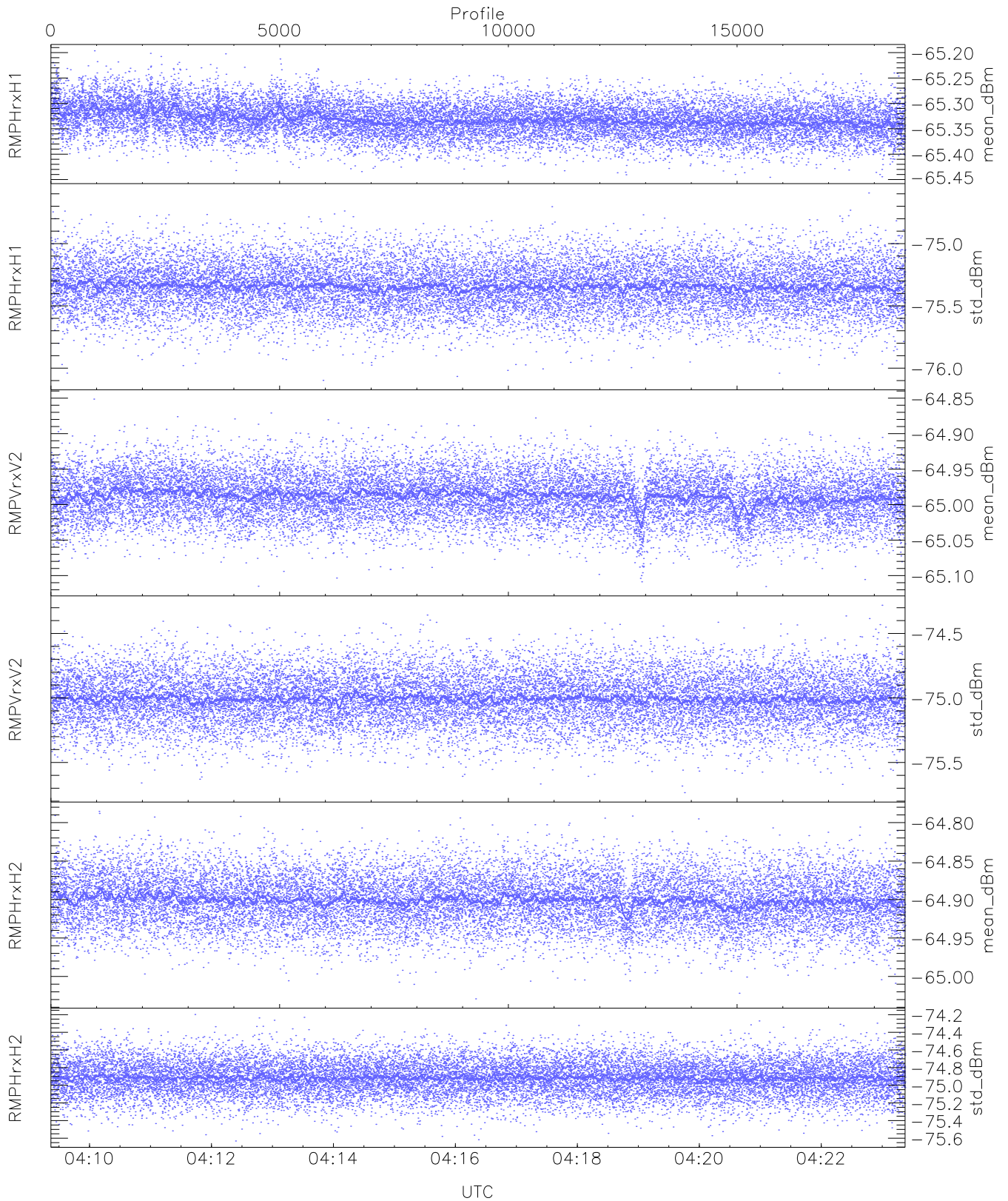
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,25,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK/Modulator Faults: None



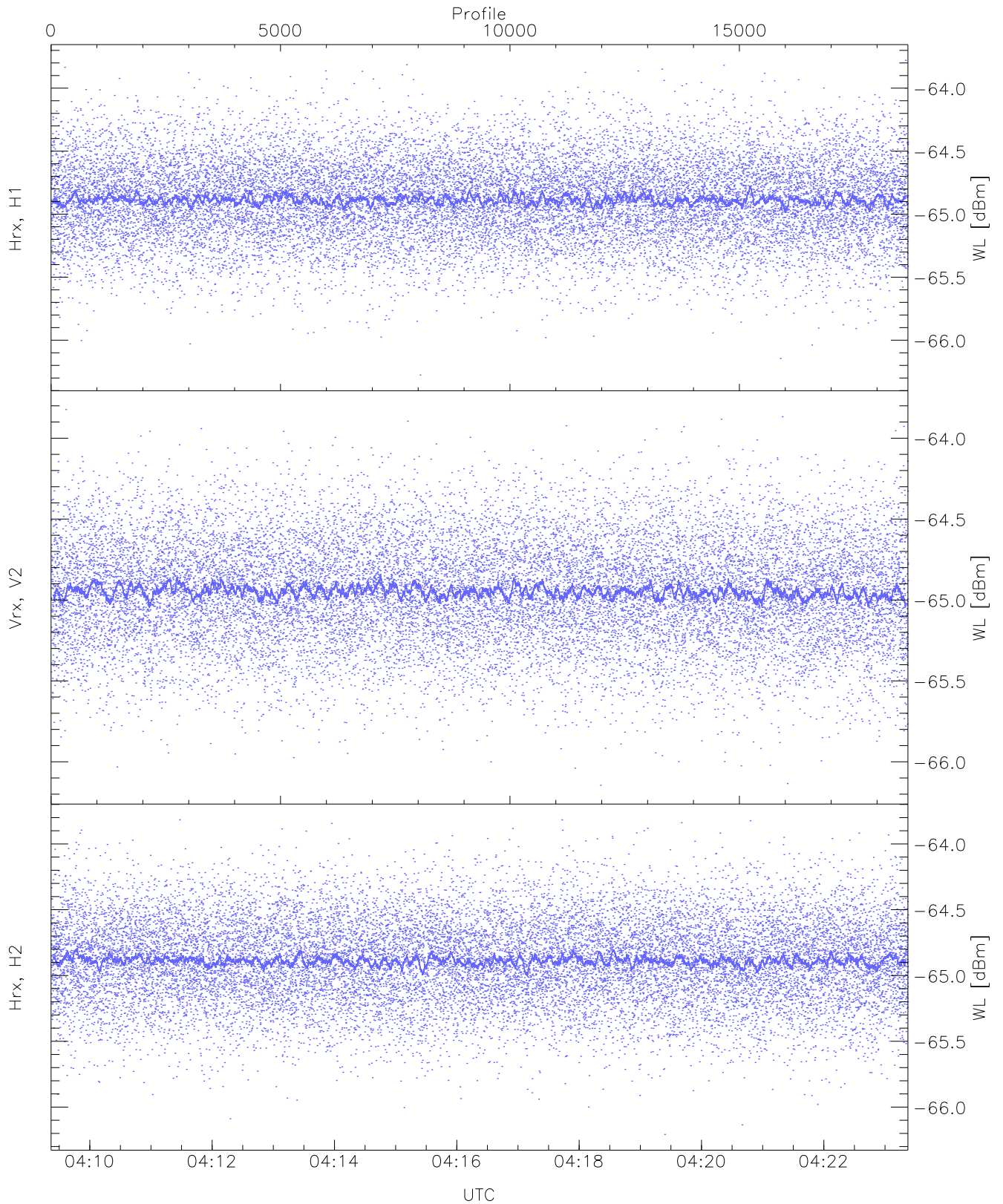
WCR3 CPP Receivers Gain and Noise Figure

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



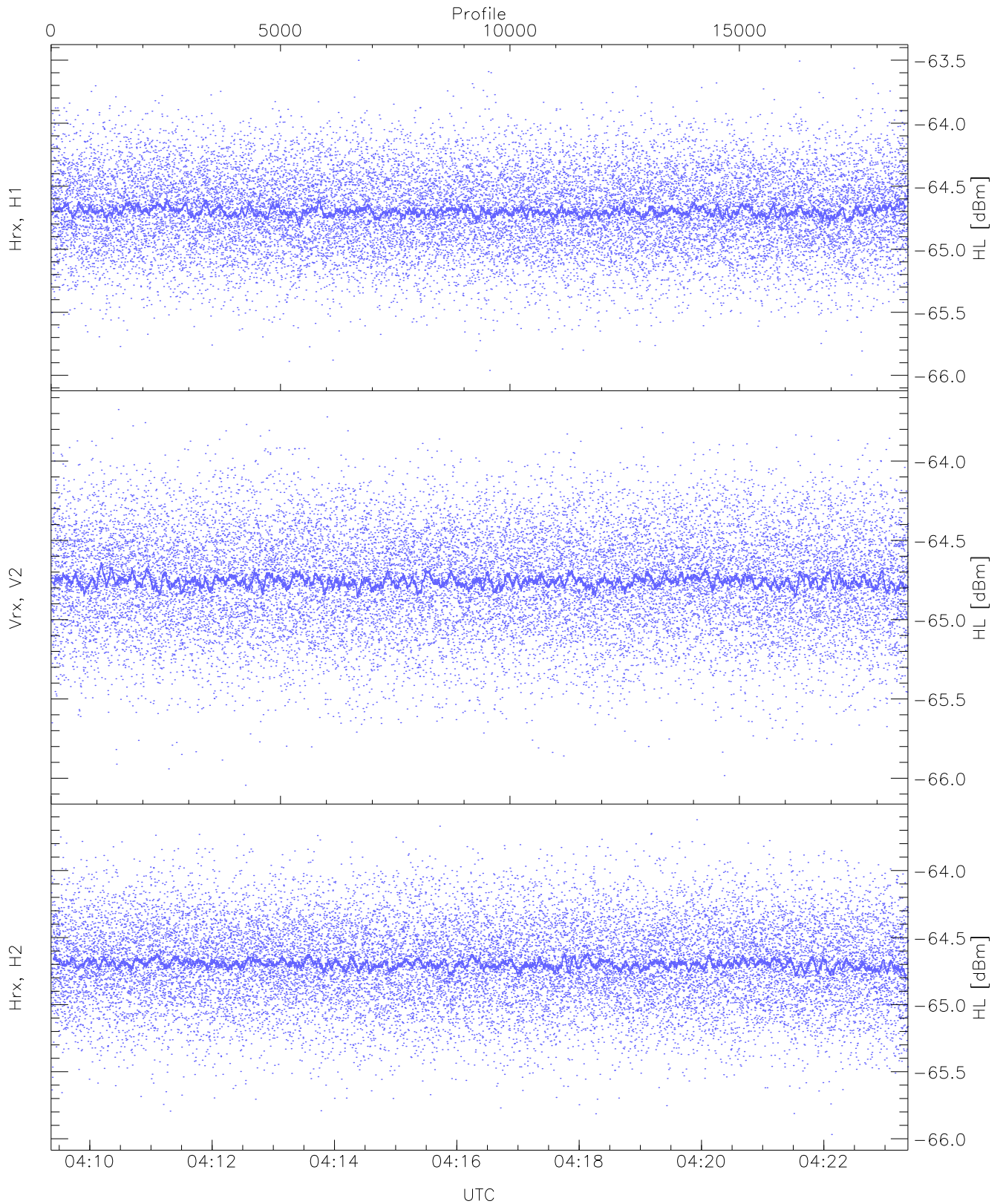
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.45	-65.20	-65.33	-65.33	-86.72
RMPHrxH1(std_dBm)	-76.10	-74.59	-75.34	-75.34	-89.12
RMPVrxV2(mean_dBm)	-65.12	-64.85	-64.99	-64.99	-86.48
RMPVrxV2(std_dBm)	-75.73	-74.28	-75.01	-75.01	-88.82
RMPHrxH2(mean_dBm)	-65.03	-64.79	-64.90	-64.90	-86.46
RMPHrxH2(std_dBm)	-75.63	-74.20	-74.92	-74.92	-88.69



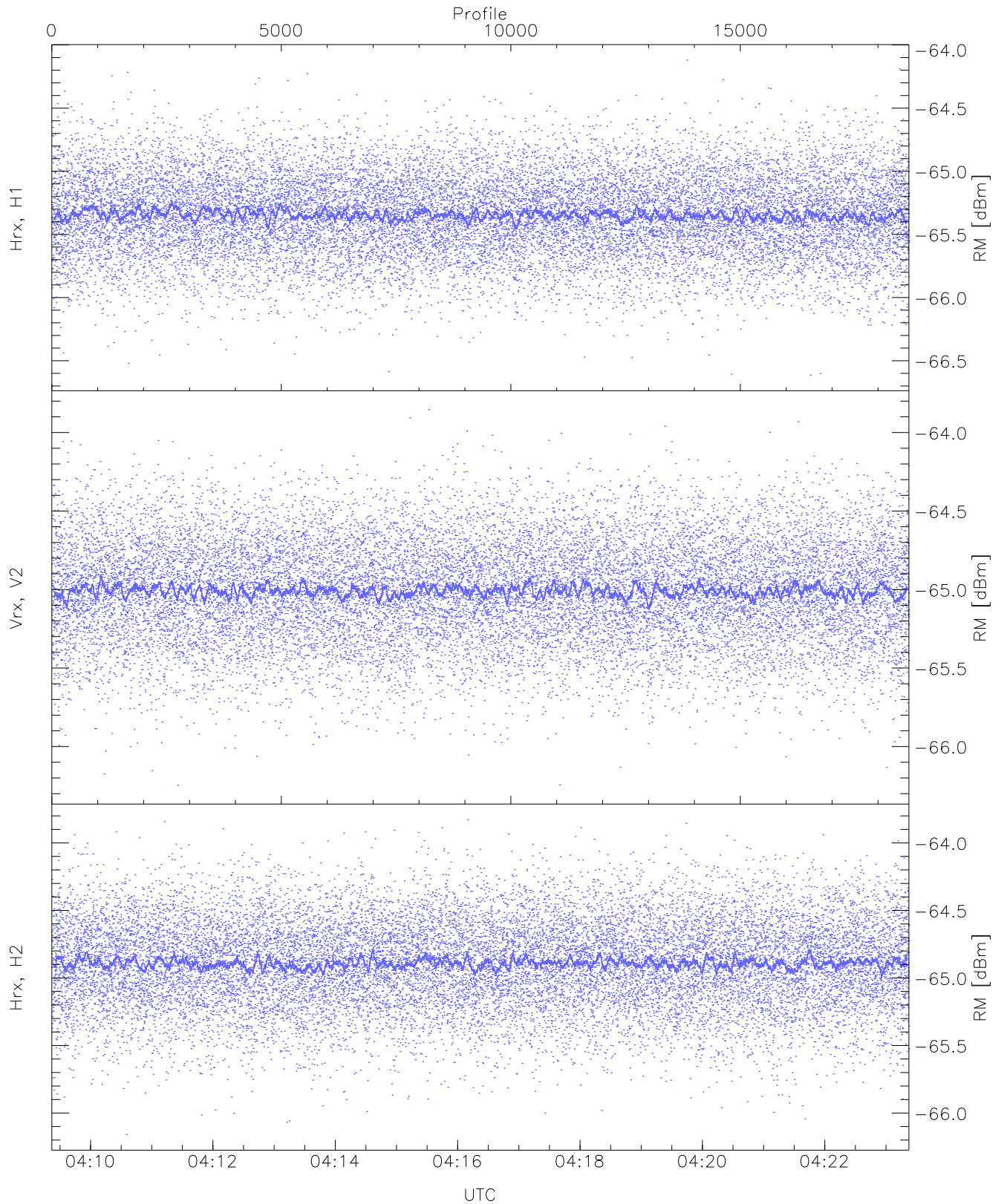
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.28	-63.78	-64.88	-64.89	-76.39
Vrx, V2 (WL [dBm])	-66.15	-63.82	-64.94	-64.95	-76.45
Hrx, H2 (WL [dBm])	-66.21	-63.82	-64.88	-64.89	-76.36



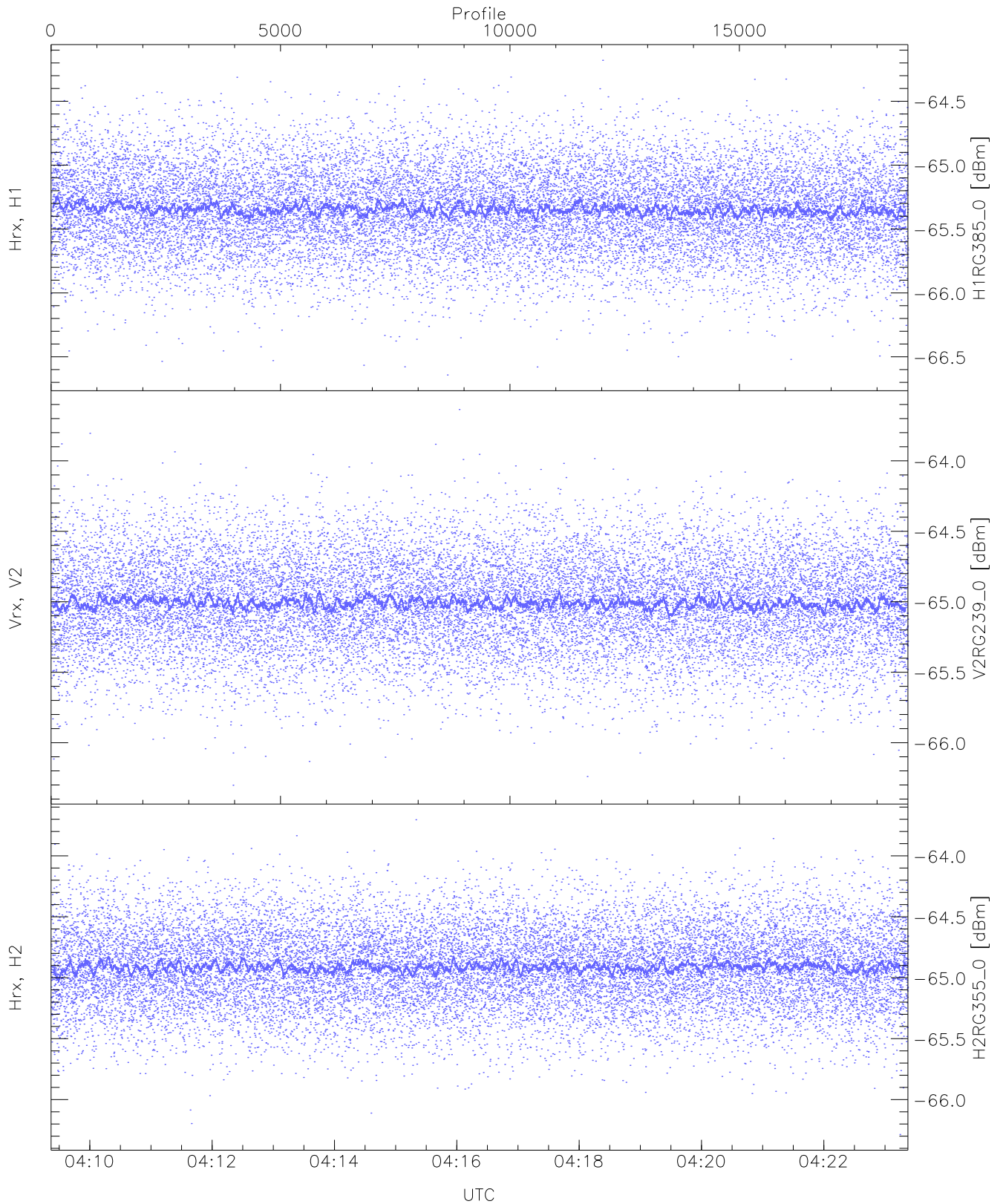
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.00	-63.50	-64.69	-64.70	-76.16
Vrx, V2 (HL [dBm])	-66.04	-63.67	-64.75	-64.75	-76.27
Hrx, H2 (HL [dBm])	-65.97	-63.62	-64.69	-64.70	-76.20



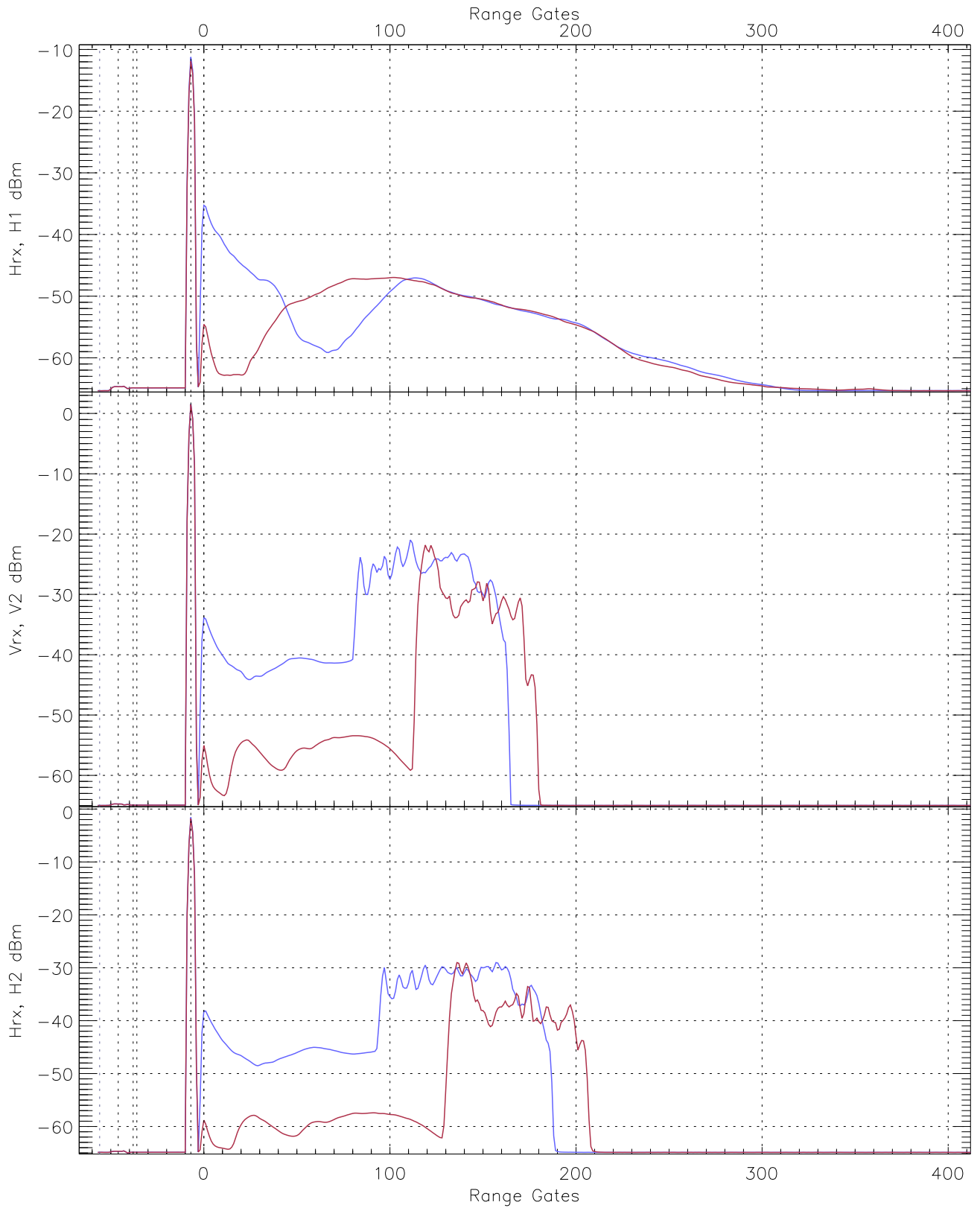
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.61	-64.12	-65.34	-65.35	-76.84
Vrx, V2 (RM [dBm])	-66.25	-63.85	-65.00	-65.01	-76.51
Hrx, H2 (RM [dBm])	-66.16	-63.83	-64.88	-64.89	-76.37

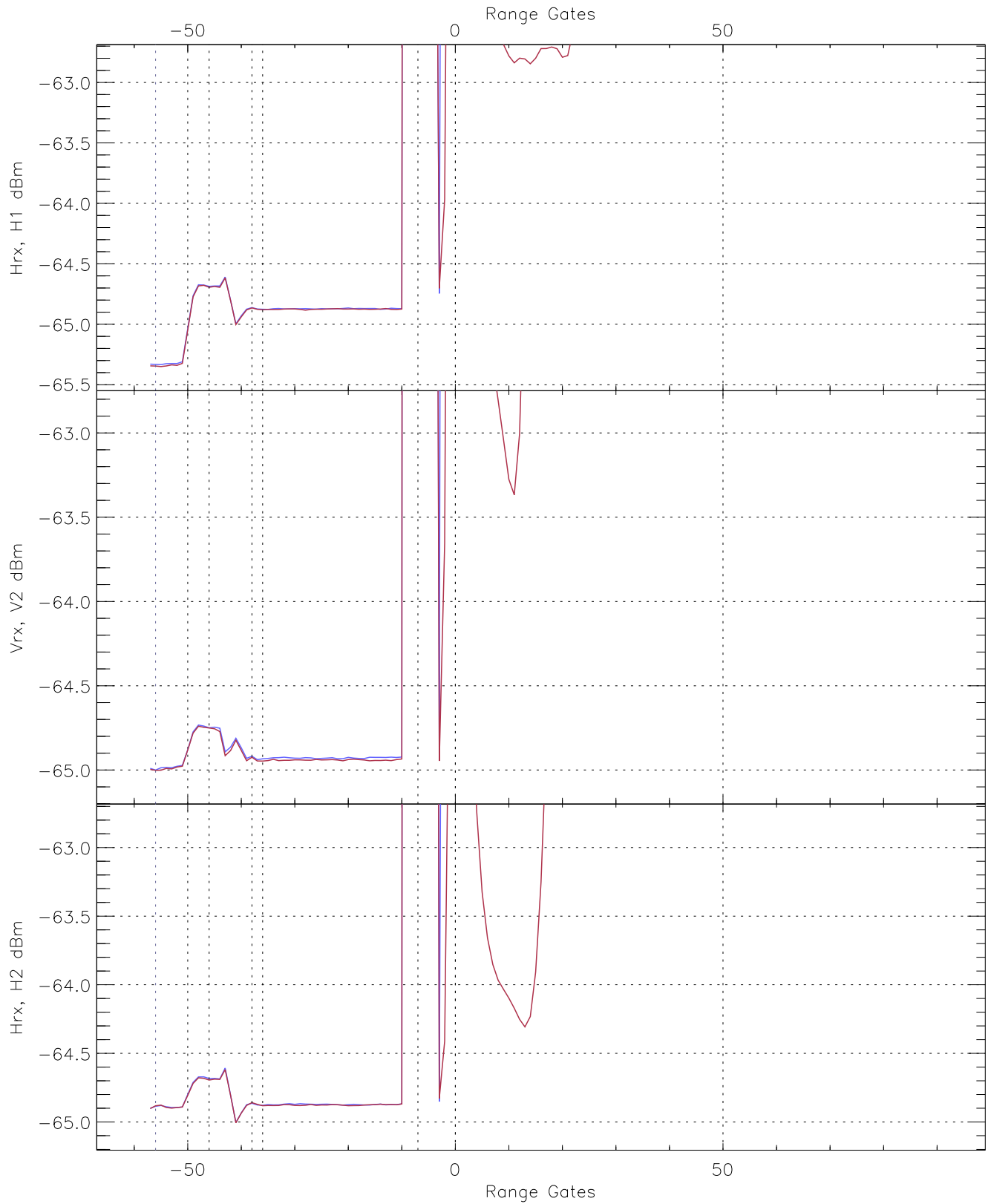


WCR3 CPP "Best" estimate Receivers Noise Power

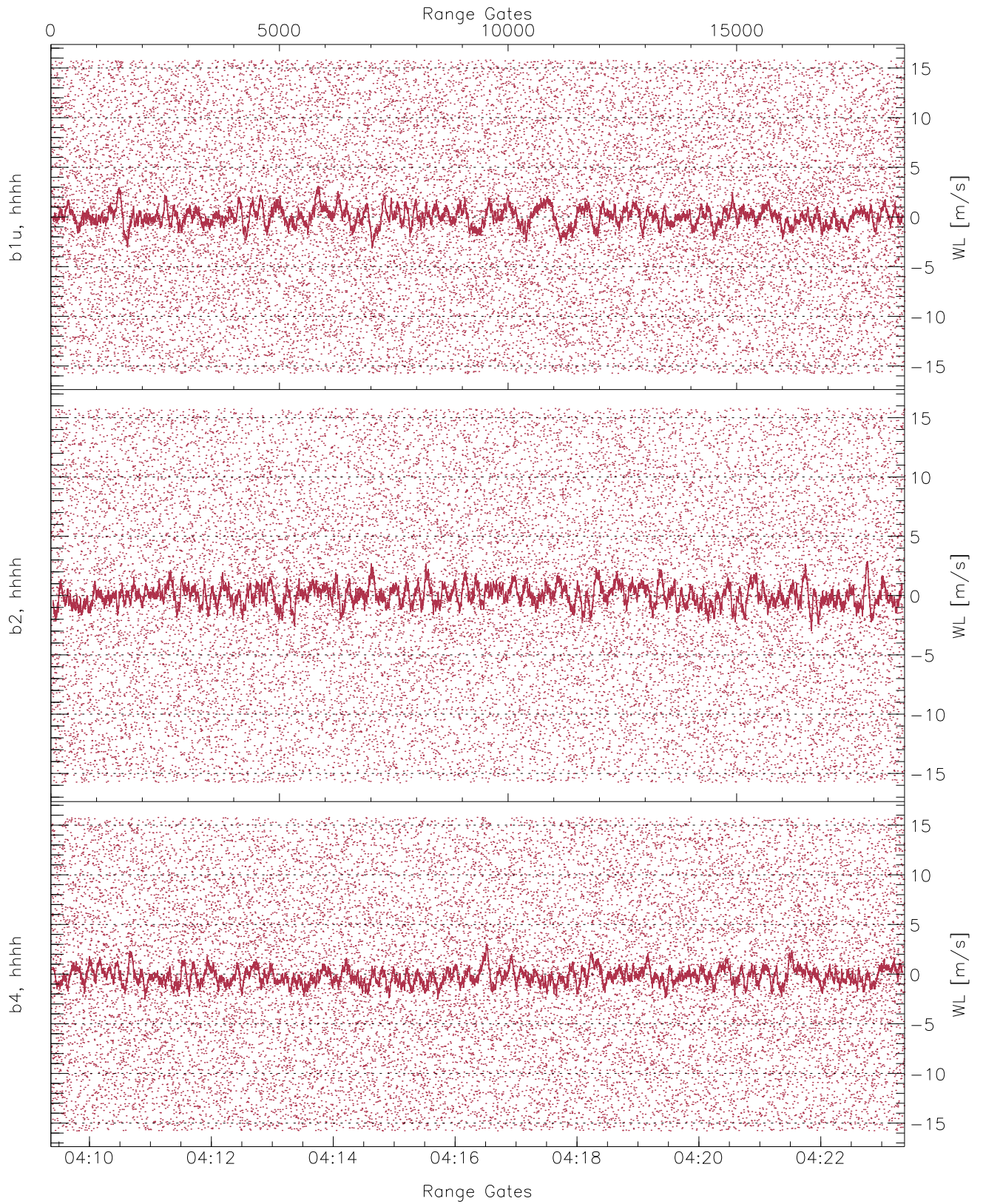
	Min	Max	Mean	Median	StDev
H1RG385_0 [dBm]	-66.64	-64.18	-65.34	-65.35	-76.82
V2RG239_0 [dBm]	-66.30	-63.64	-65.00	-65.01	-76.49
H2RG355_0 [dBm]	-66.29	-63.70	-64.91	-64.91	-76.41



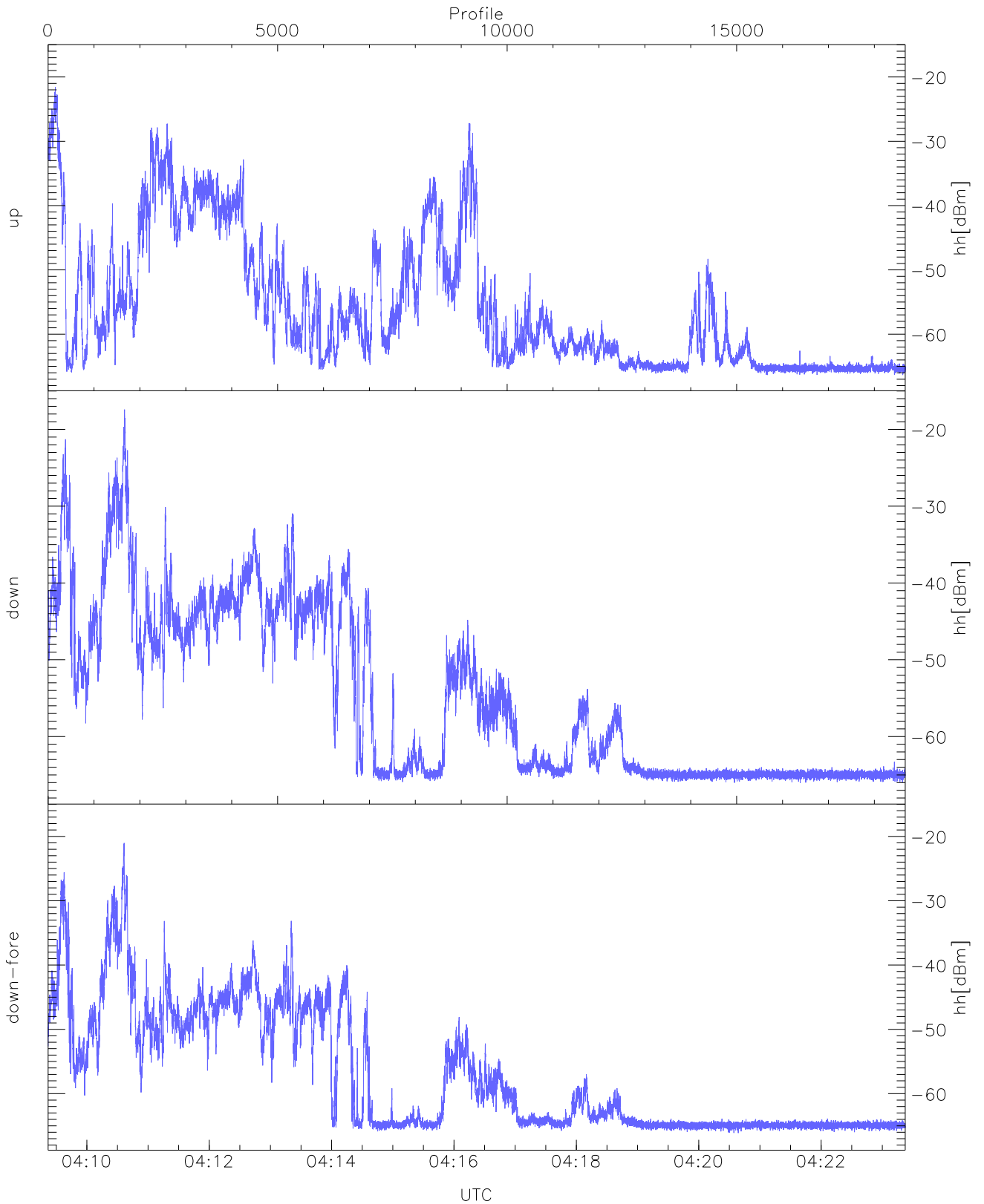
WCR3 CPP Averaged Received power for all recorded gates
blue: 040922-041622, 9338 profiles averaged
red: 041622-042322, 9337 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 040922-041622, 9338 profiles averaged
red: 041622-042322, 9337 profiles averaged

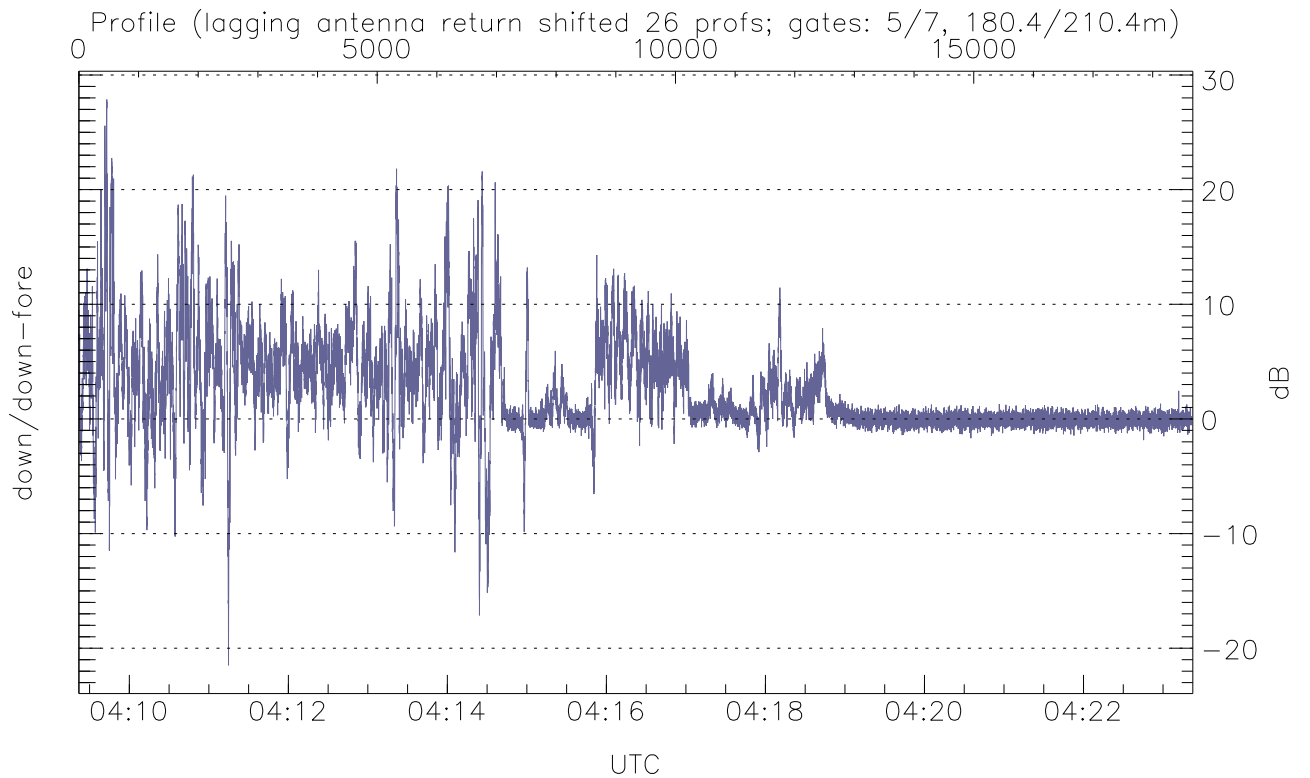
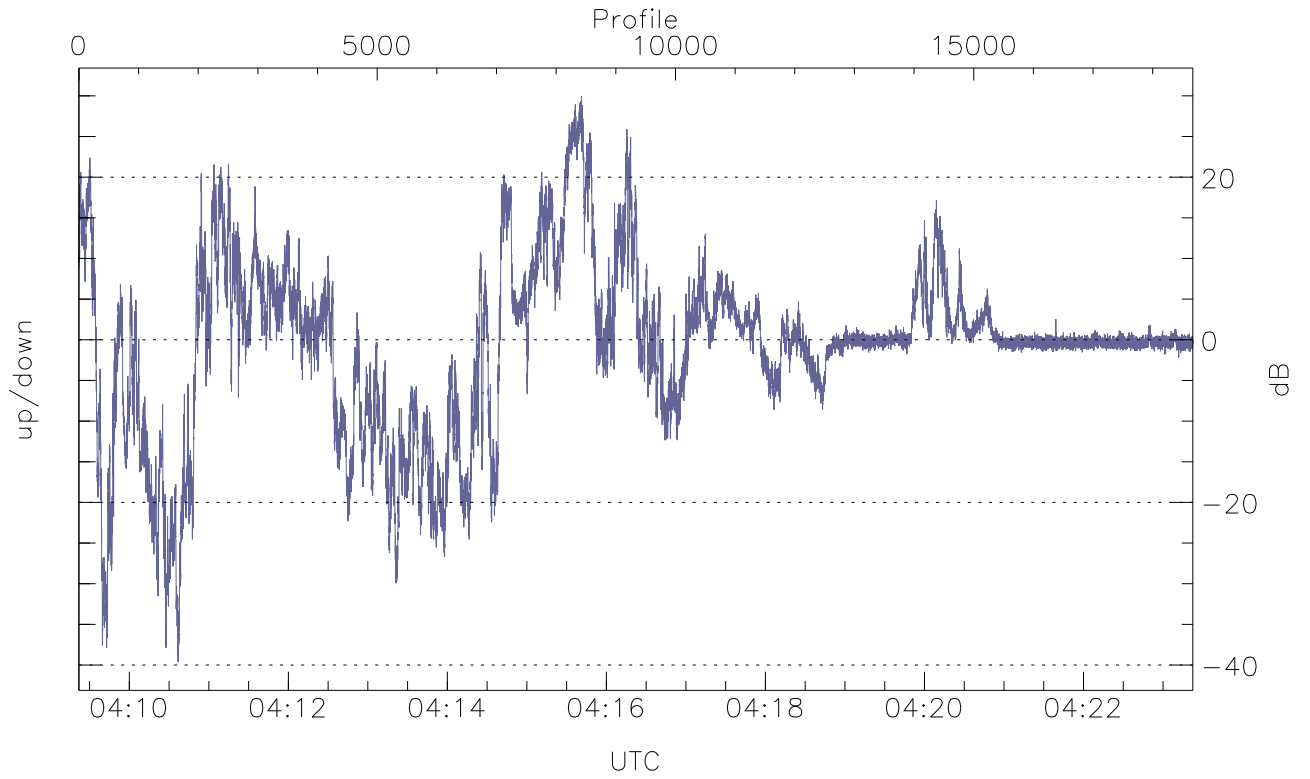


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



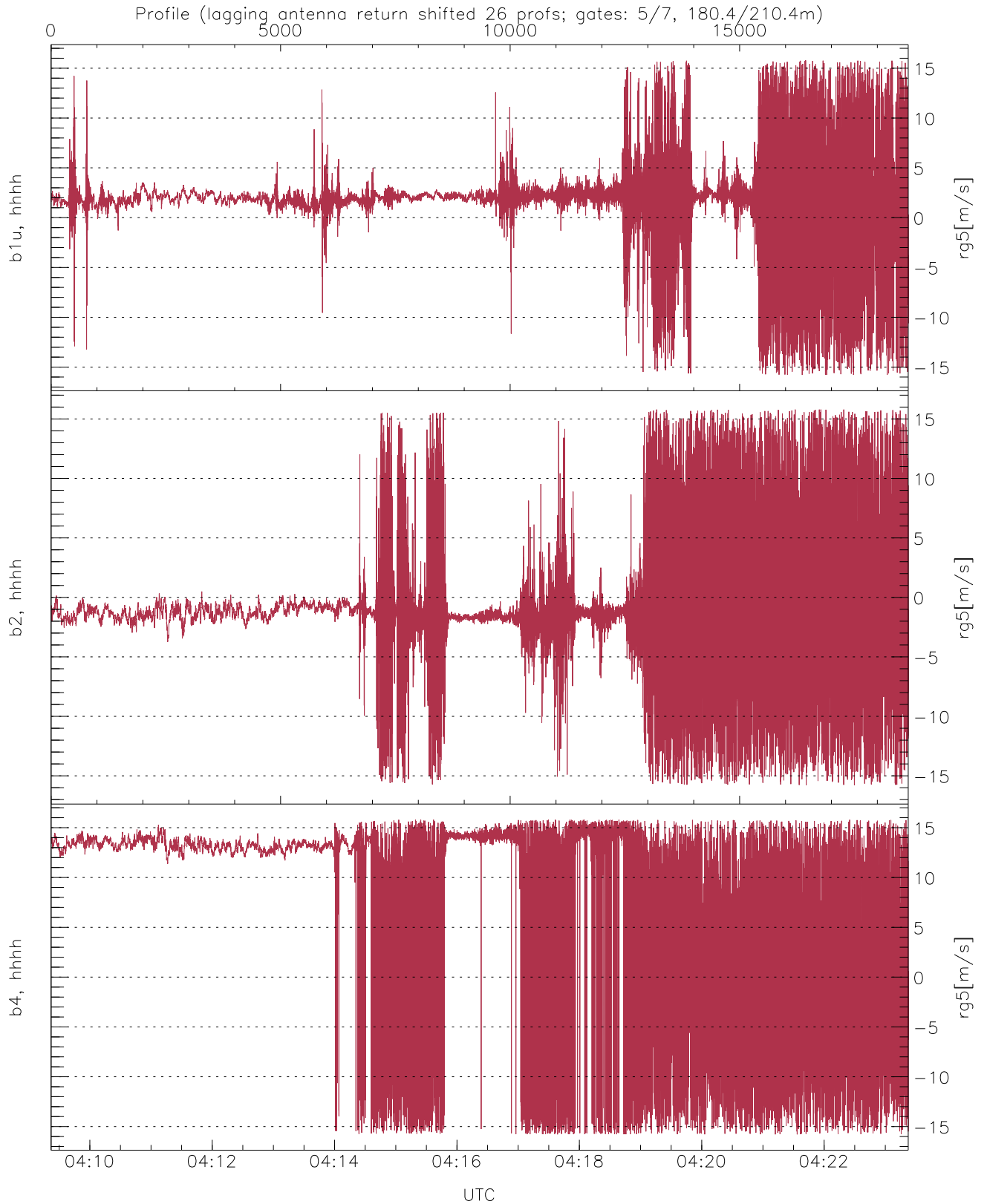
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.34	-21.60	-41.83
down(hh[dBm])	-66.03	-17.41	-40.32
down-fore(hh[dBm])	-66.12	-21.02	-43.92



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

	Min	Max	Mean
up/down (dB)	-39.64	29.95	-0.74
down/down-fore (dB)	-21.49	27.86	2.47



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.66	3.98
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.95	5.11
b4, hhhh(rg5[m/s])	-15.78	15.79	7.43	9.41