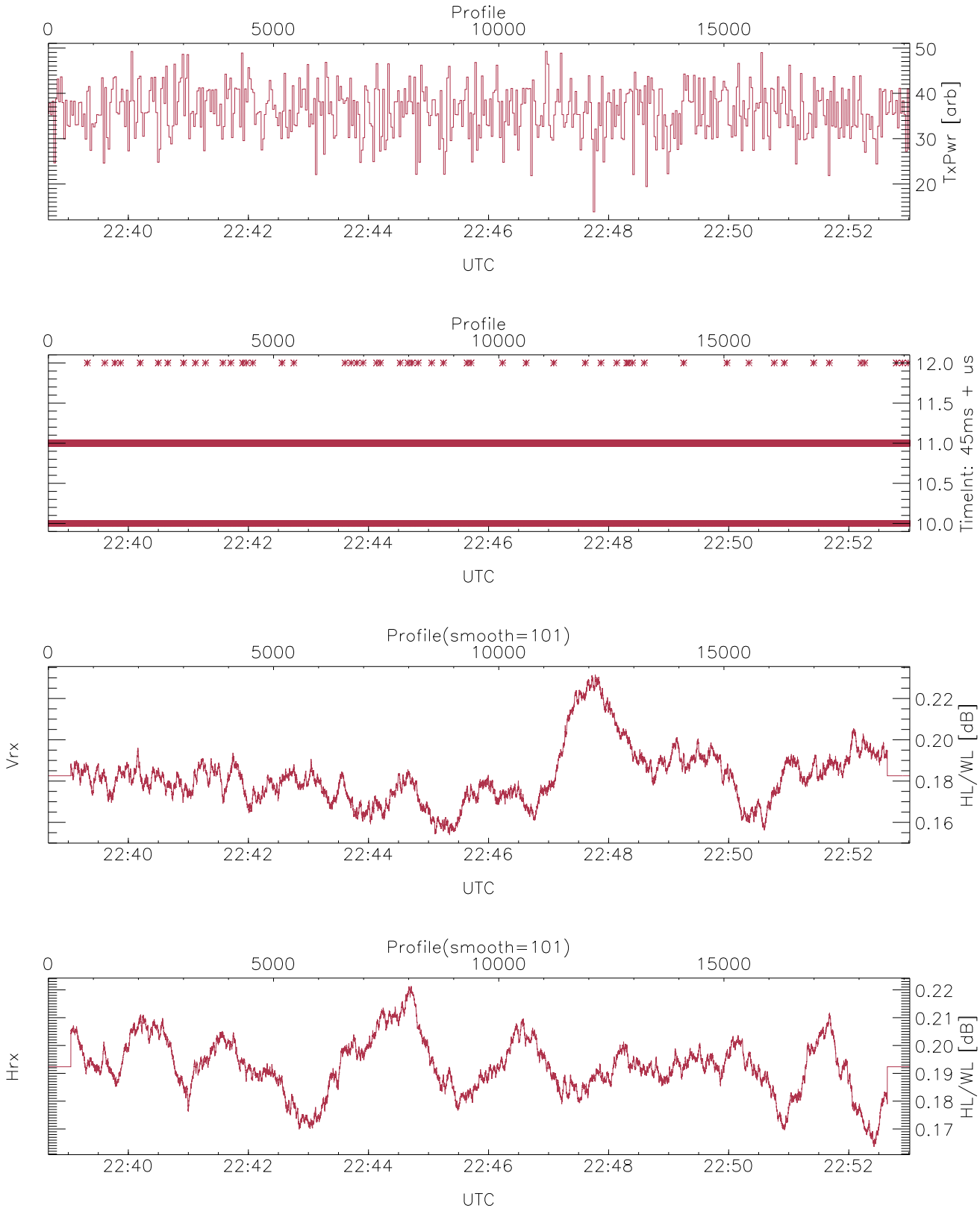
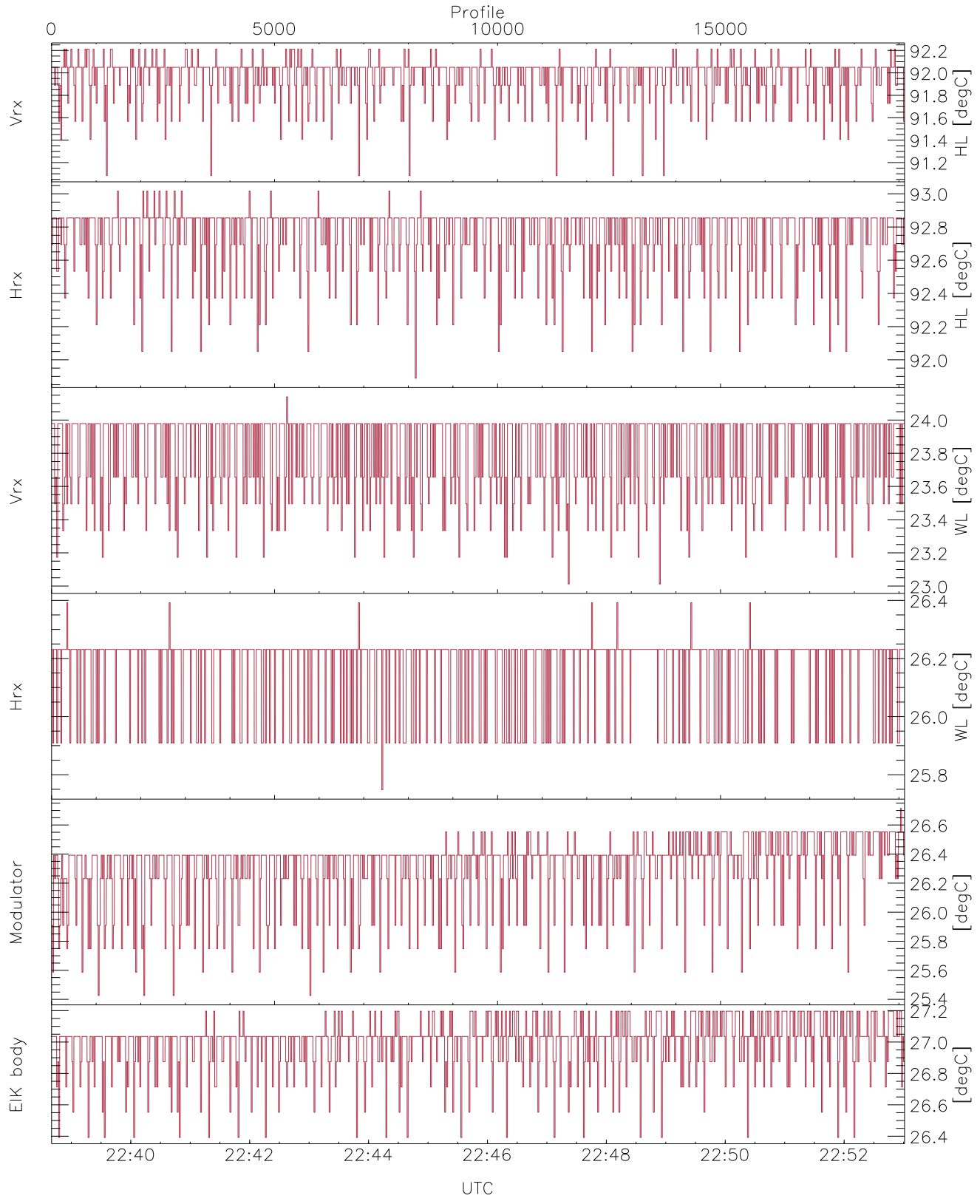


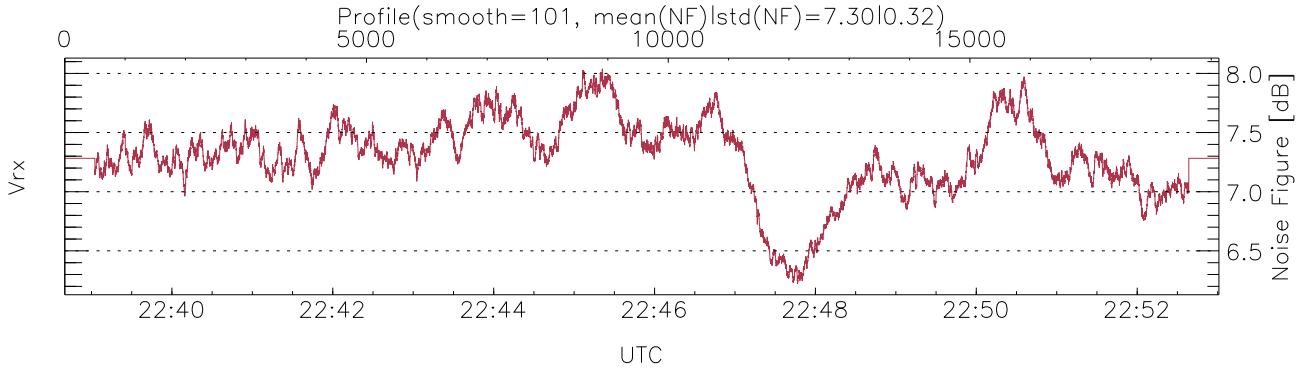
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

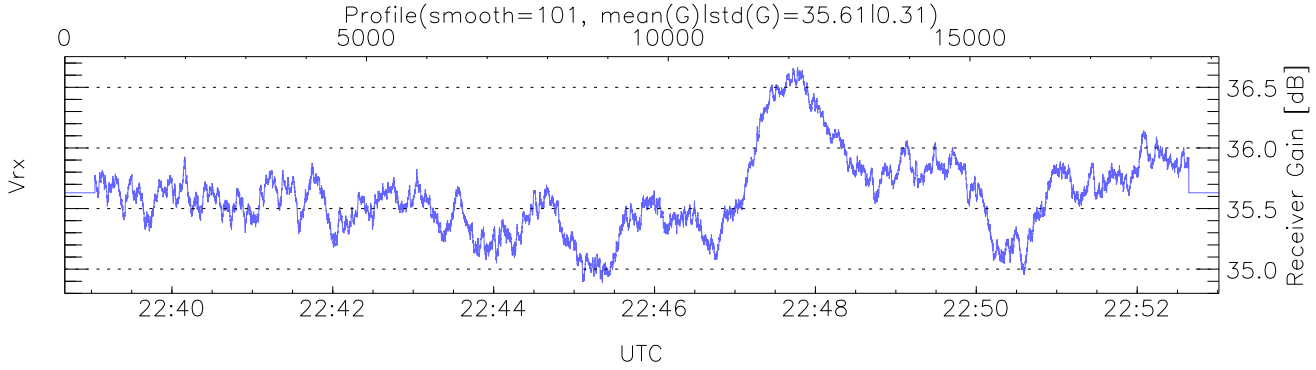
UTC: 22:38:40-22:53:01, TimeCor: 0.00s, Dur: 860.93s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 19128/19128, 0-19127/22:38:40-22:53:01
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1

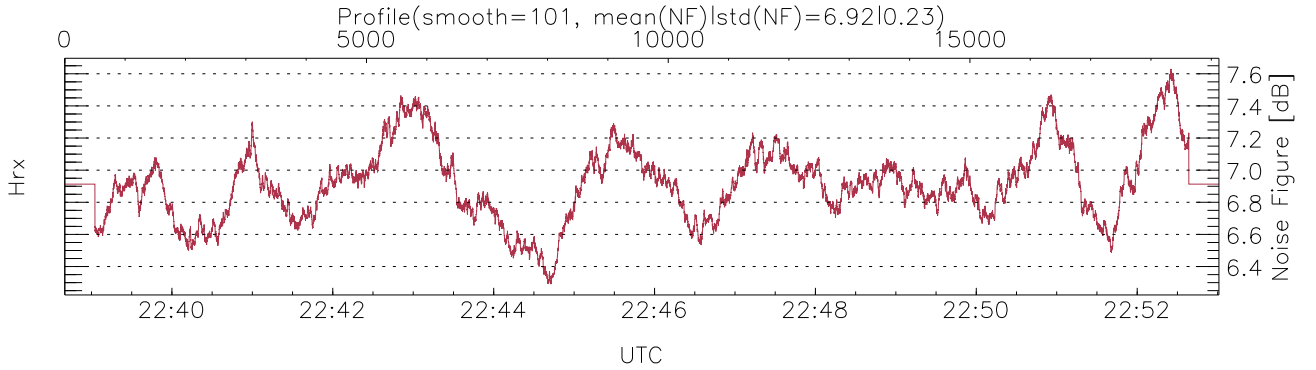


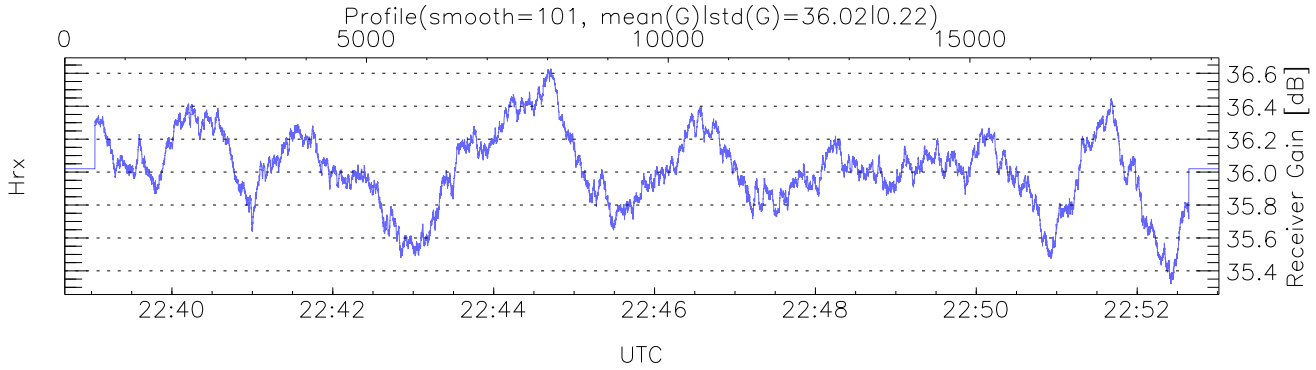
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,23,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): 0,0,114,0
EIK/Modulator Faults: None



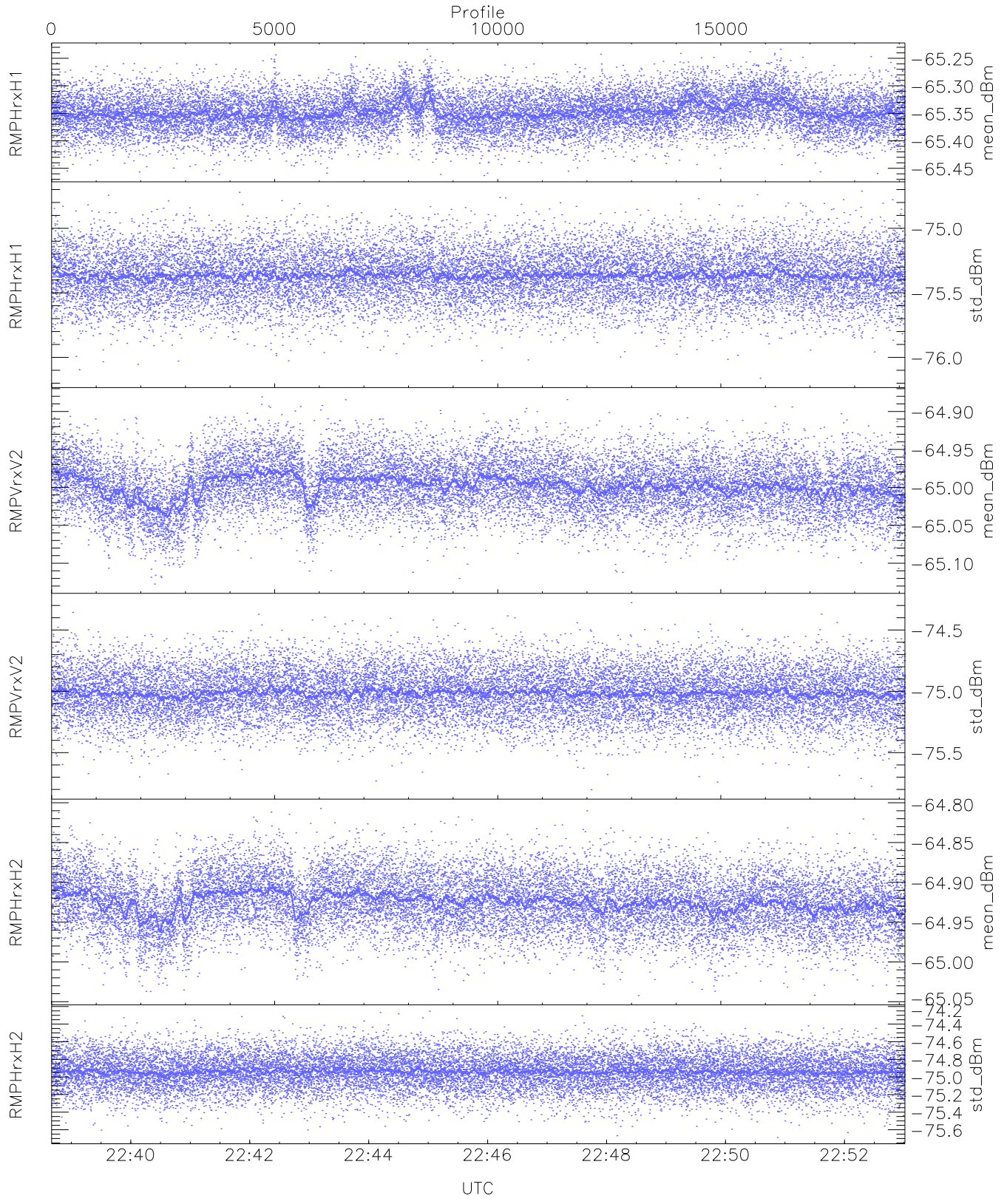






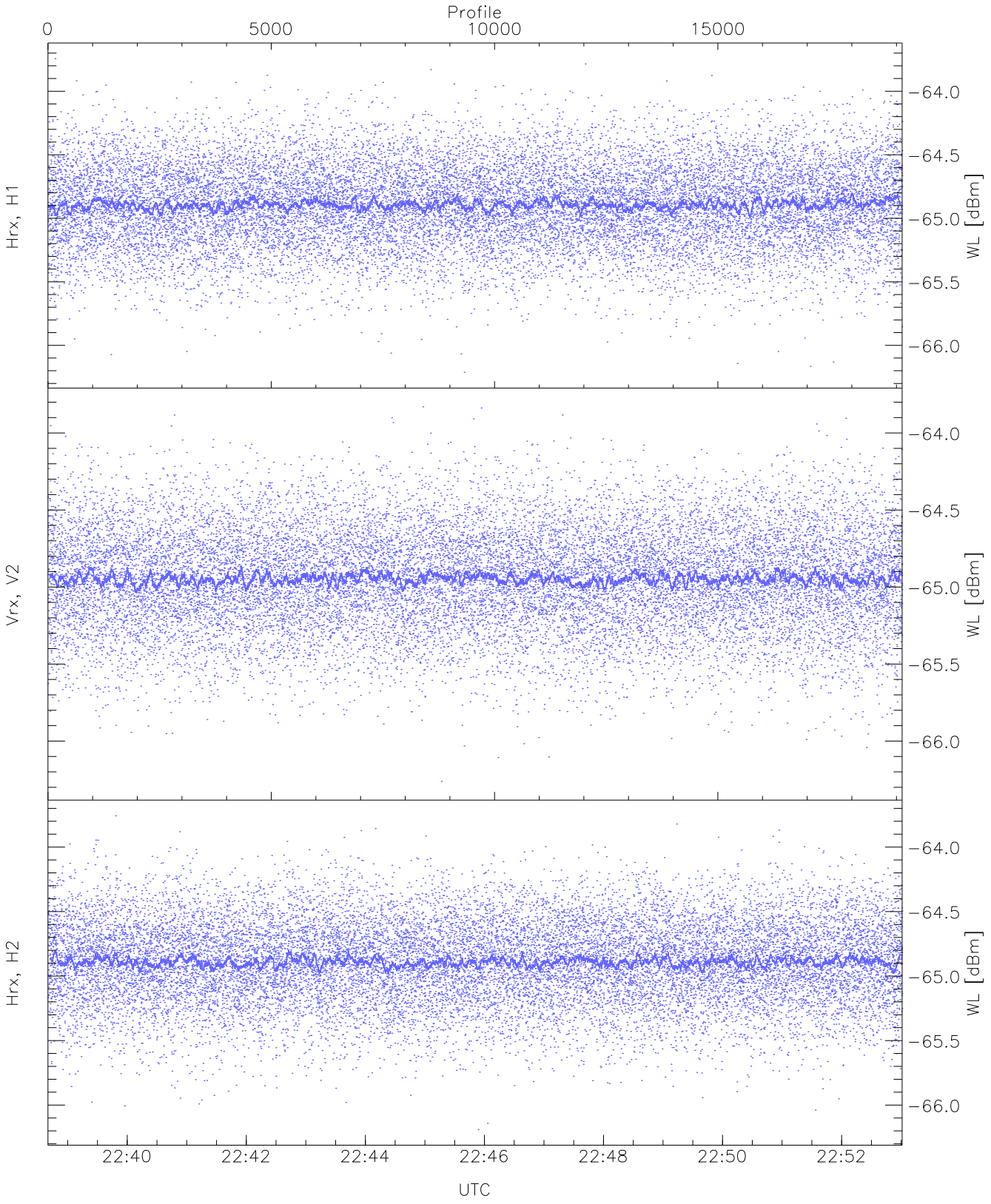
WCR3 CPP Receivers Gain and Noise Figure

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



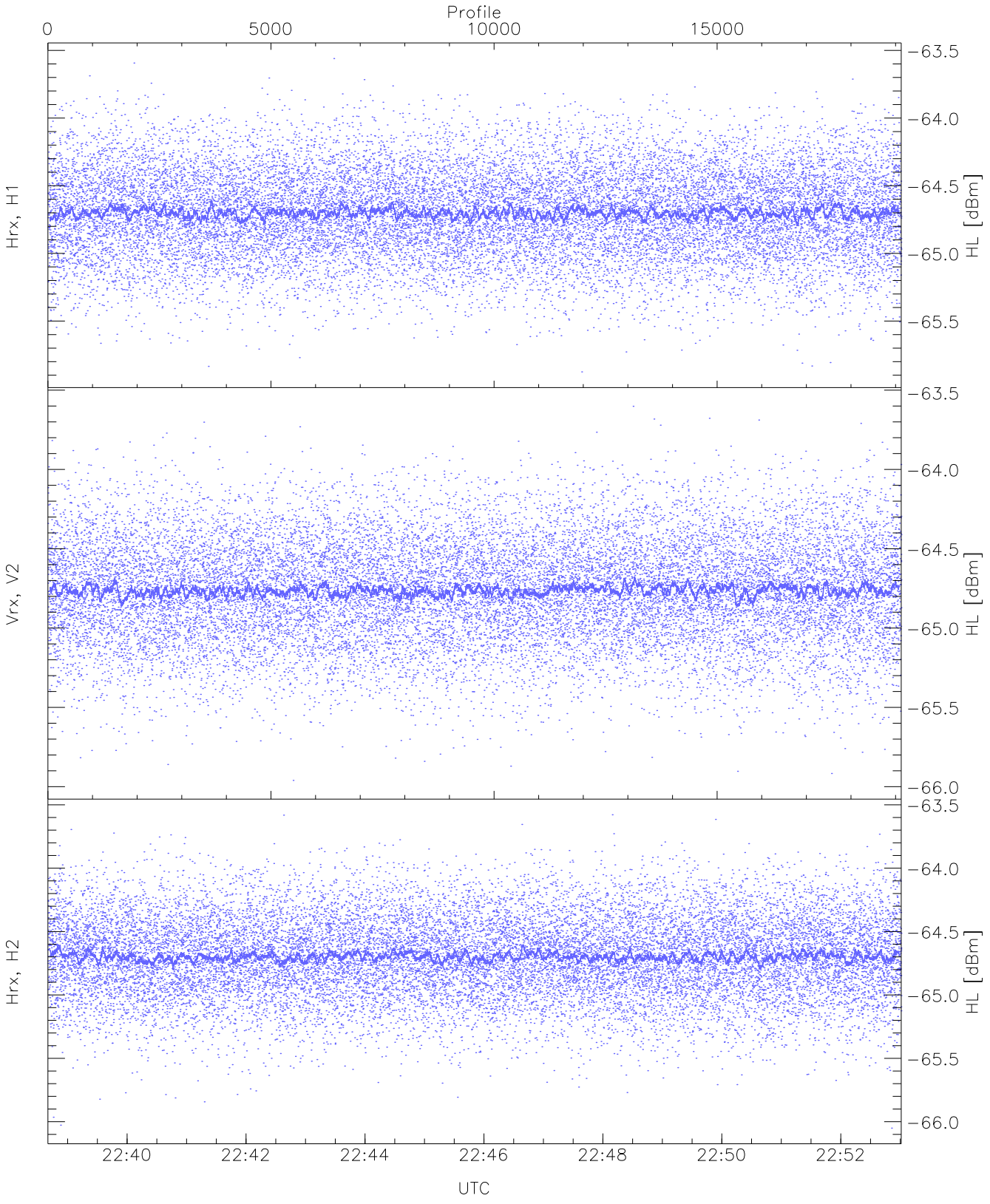
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.23	-65.35	-65.35	-86.73
RMPHrxH1(std_dBm)	-76.16	-74.71	-75.36	-75.37	-89.15
RMPVrxV2(mean_dBm)	-65.13	-64.88	-65.00	-65.00	-86.28
RMPVrxV2(std_dBm)	-75.80	-74.28	-75.01	-75.01	-88.81
RMPHrxH2(mean_dBm)	-65.04	-64.81	-64.93	-64.93	-86.30
RMPHrxH2(std_dBm)	-75.69	-74.25	-74.94	-74.94	-88.71



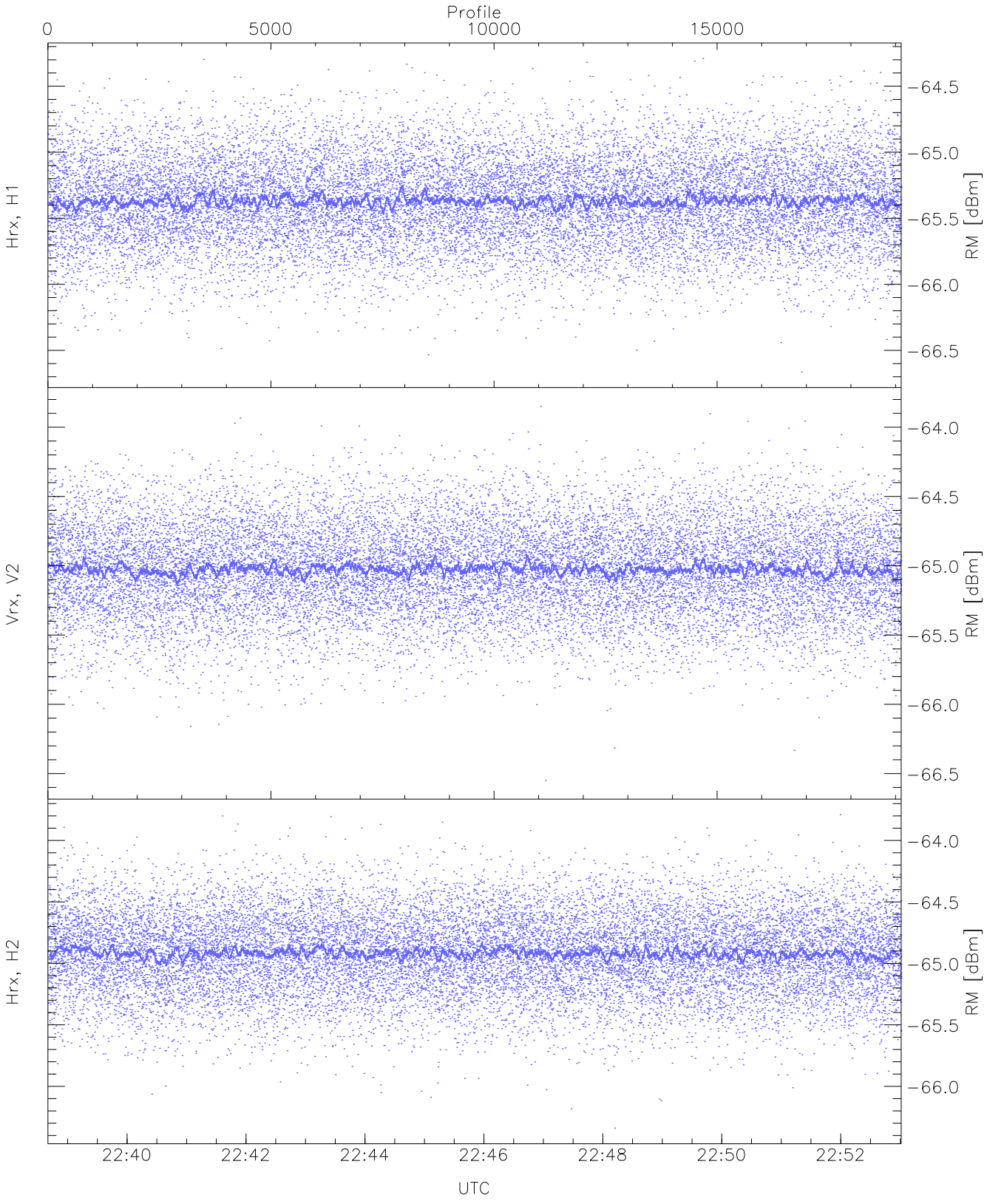
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.21	-63.74	-64.89	-64.89	-76.41
Vrx, V2(WL [dBm])	-66.26	-63.83	-64.94	-64.95	-76.42
Hrx, H2(WL [dBm])	-66.19	-63.76	-64.88	-64.89	-76.42



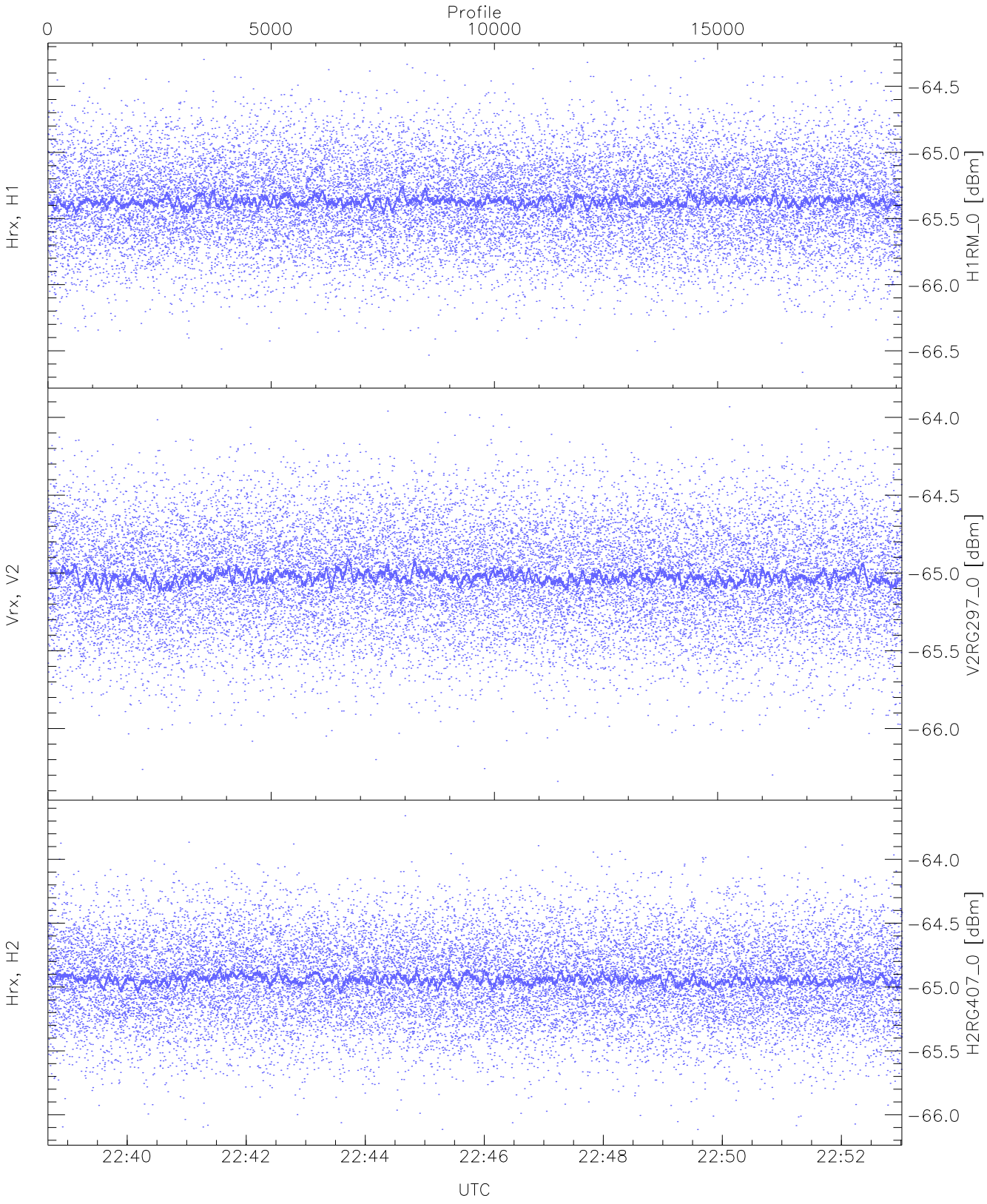
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.88	-63.56	-64.69	-64.70	-76.20
Vrx, V2(HL [dBm])	-65.96	-63.60	-64.76	-64.76	-76.26
Hrx, H2(HL [dBm])	-66.05	-63.58	-64.69	-64.70	-76.22



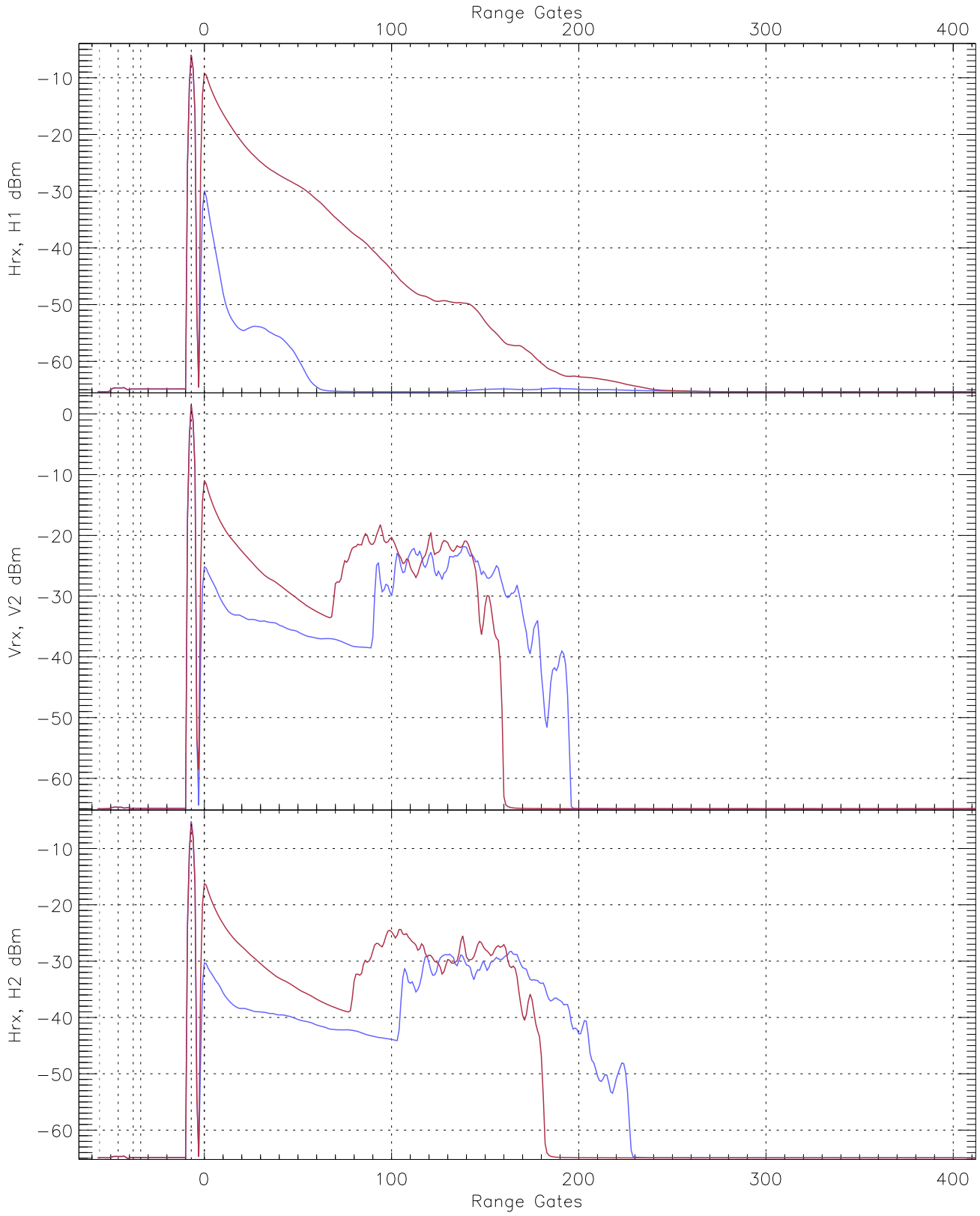
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.66	-64.29	-65.36	-65.37	-76.86
Vrx, V2(RM [dBm])	-66.55	-63.85	-65.02	-65.03	-76.54
Hrx, H2(RM [dBm])	-66.34	-63.79	-64.91	-64.92	-76.43

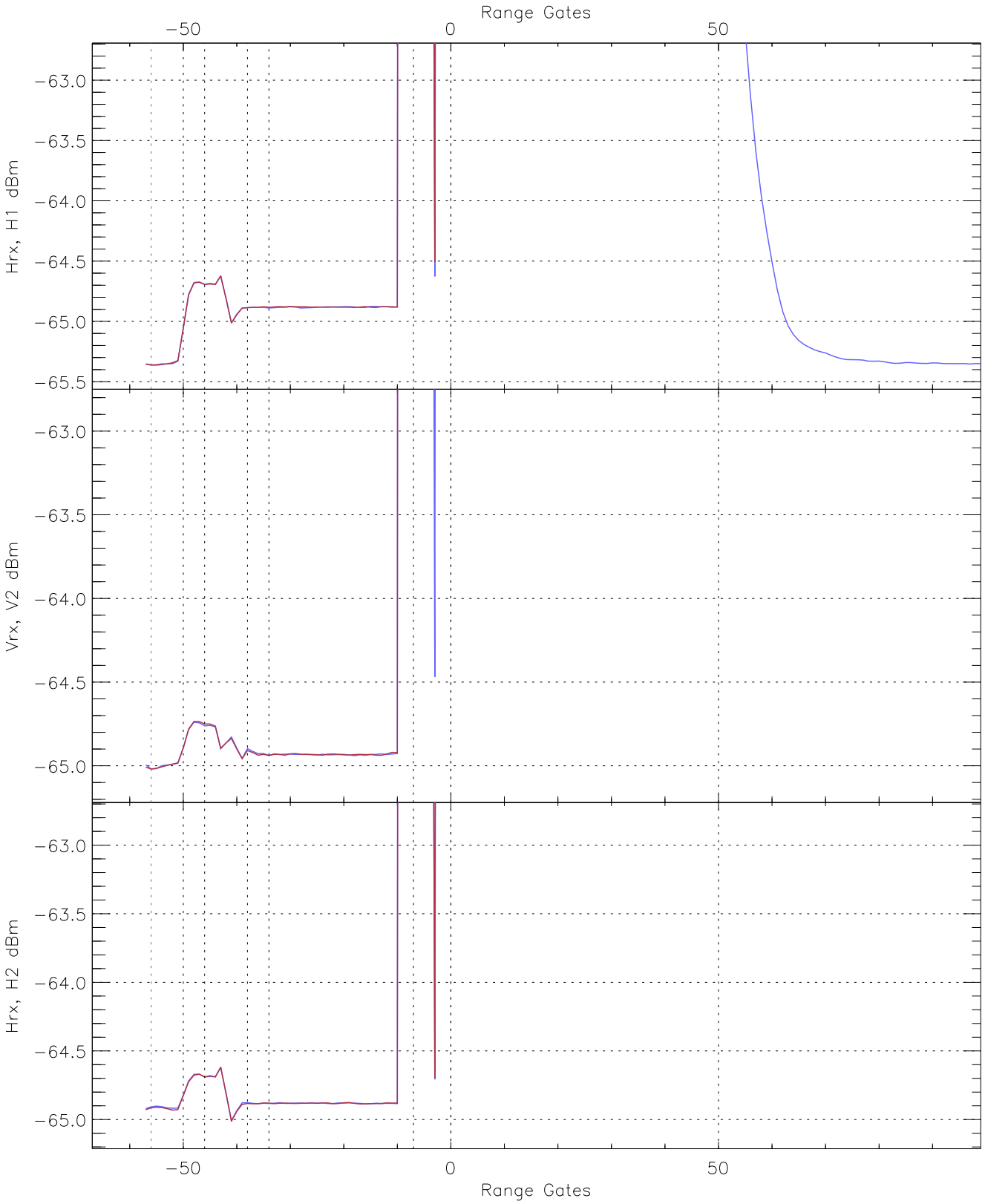


WCR3 CPP "Best" estimate Receivers Noise Power

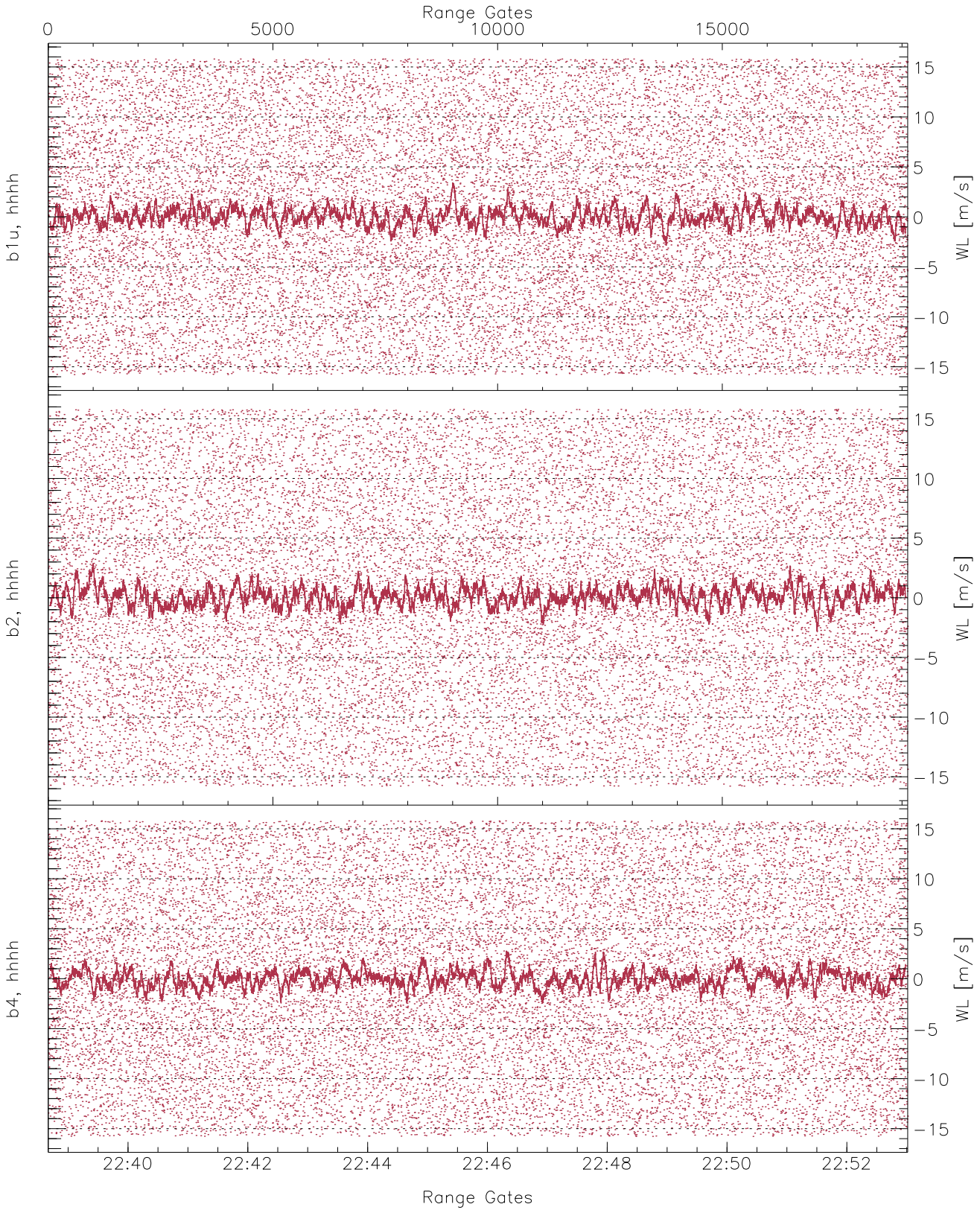
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.66	-64.29	-65.36	-65.37	-76.86
V2RG297_0 [dBm]	-66.34	-63.93	-65.02	-65.03	-76.53
H2RG407_0 [dBm]	-66.12	-63.66	-64.93	-64.94	-76.39



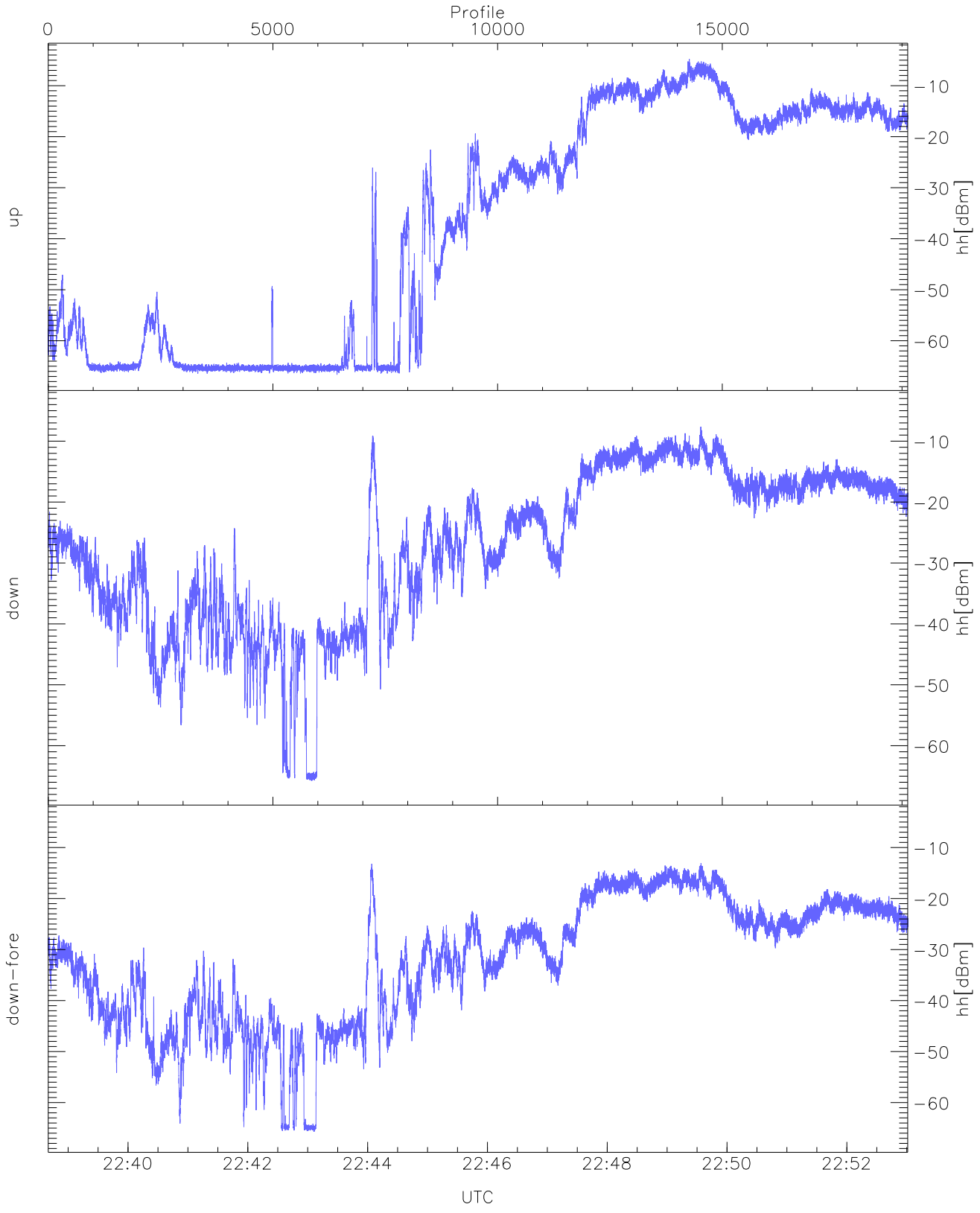
WCR3 CPP Averaged Received power for all recorded gates
blue: 223840-224551, 9565 profiles averaged
red: 224551-225301, 9564 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 223840-224551, 9565 profiles averaged
red: 224551-225301, 9564 profiles averaged

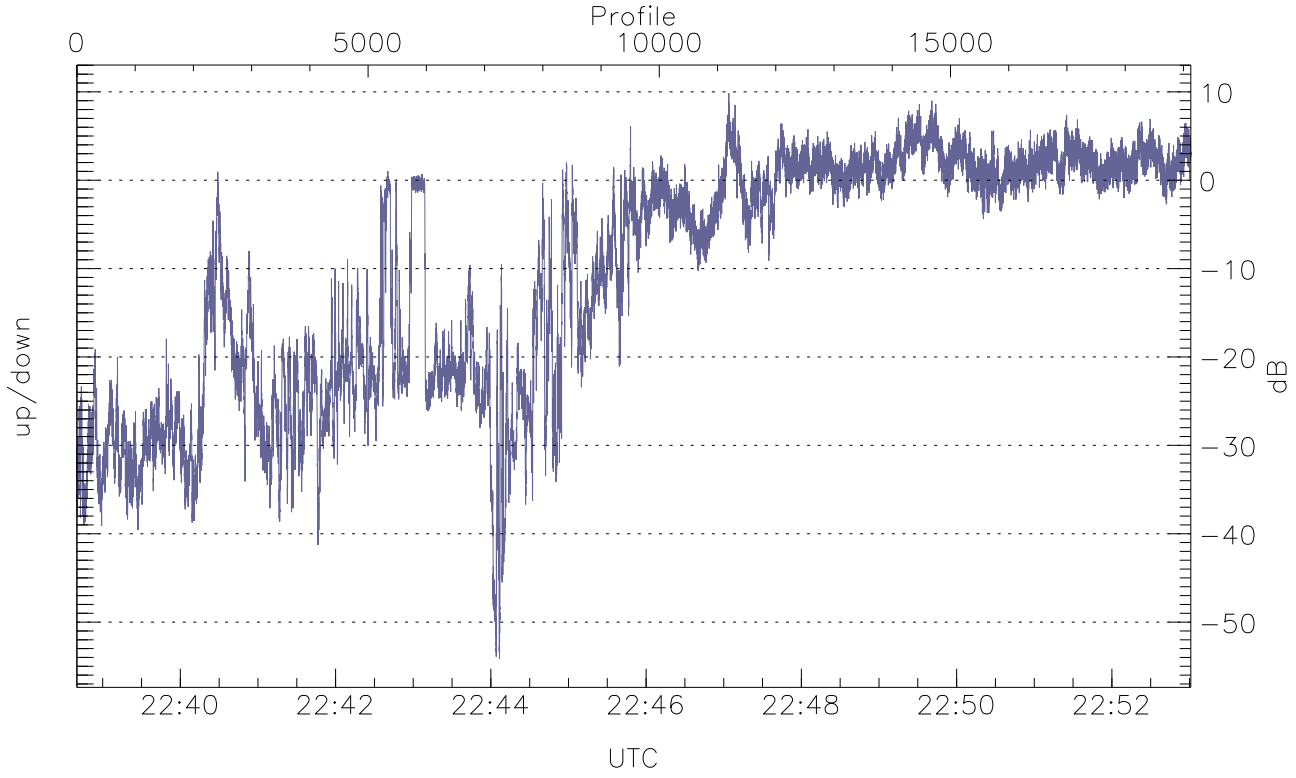


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



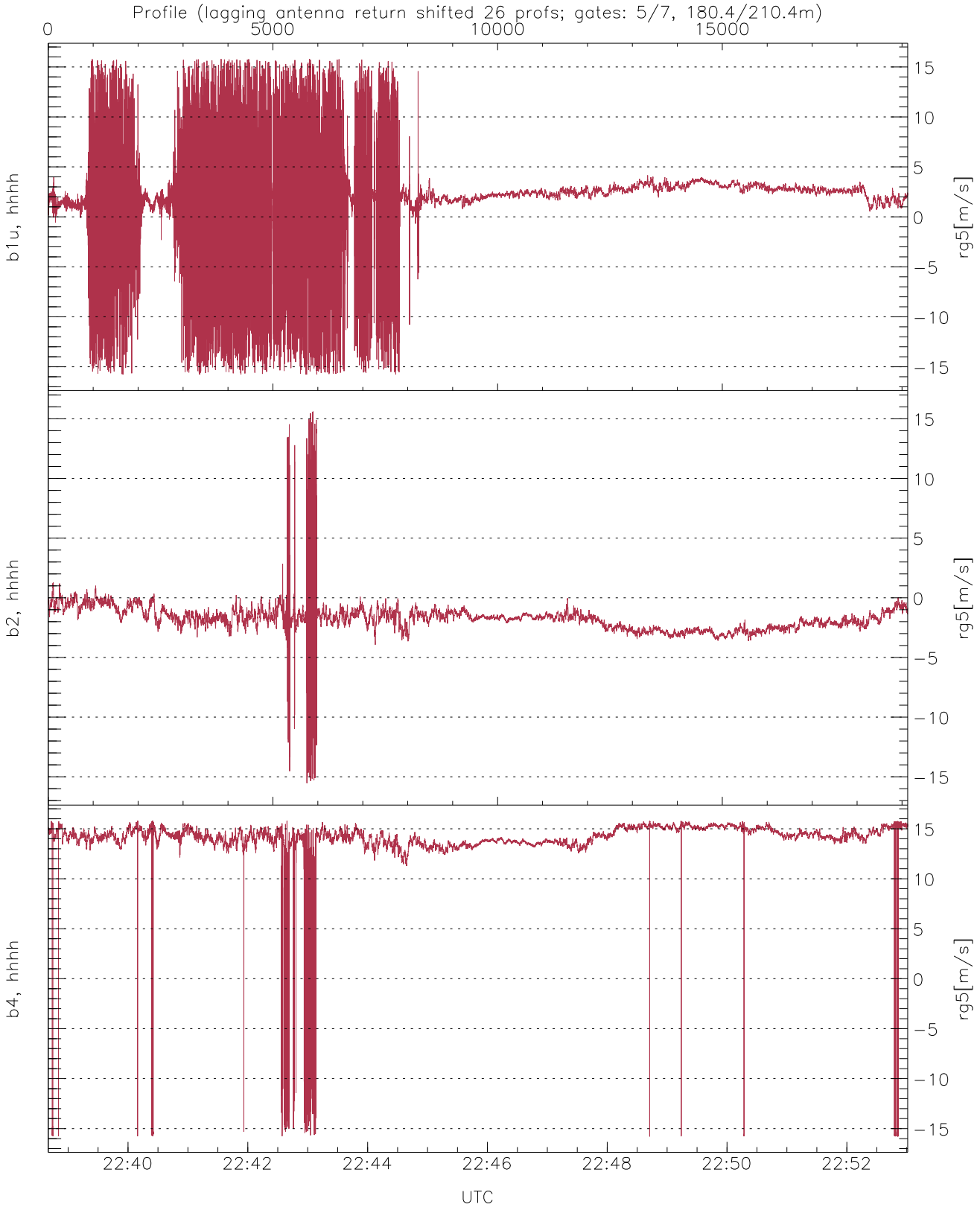
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.66	-4.77	-16.10
down(hh[dBm])	-65.75	-7.63	-18.08
down-fore(hh[dBm])	-65.73	-13.04	-22.95



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

	Min	Max	Mean
up/down(dB)	-54.18	9.84	-10.45
down/down-fore(dB)	-20.87	28.17	5.75



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.63	4.75
b2, hhhh(rg5[m/s])	-15.54	15.61	-1.73	1.31
b4, hhhh(rg5[m/s])	-15.79	15.79	13.83	3.23