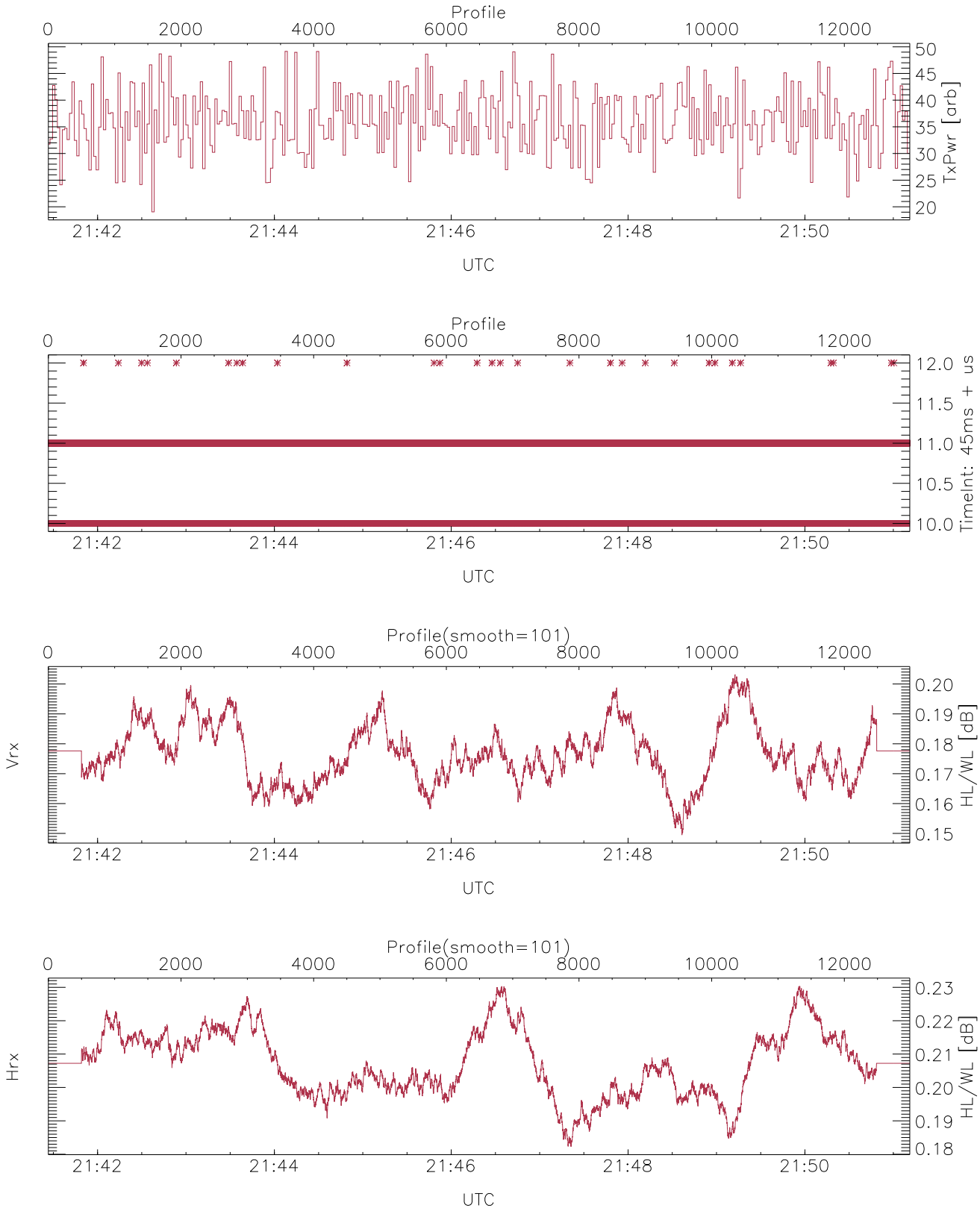
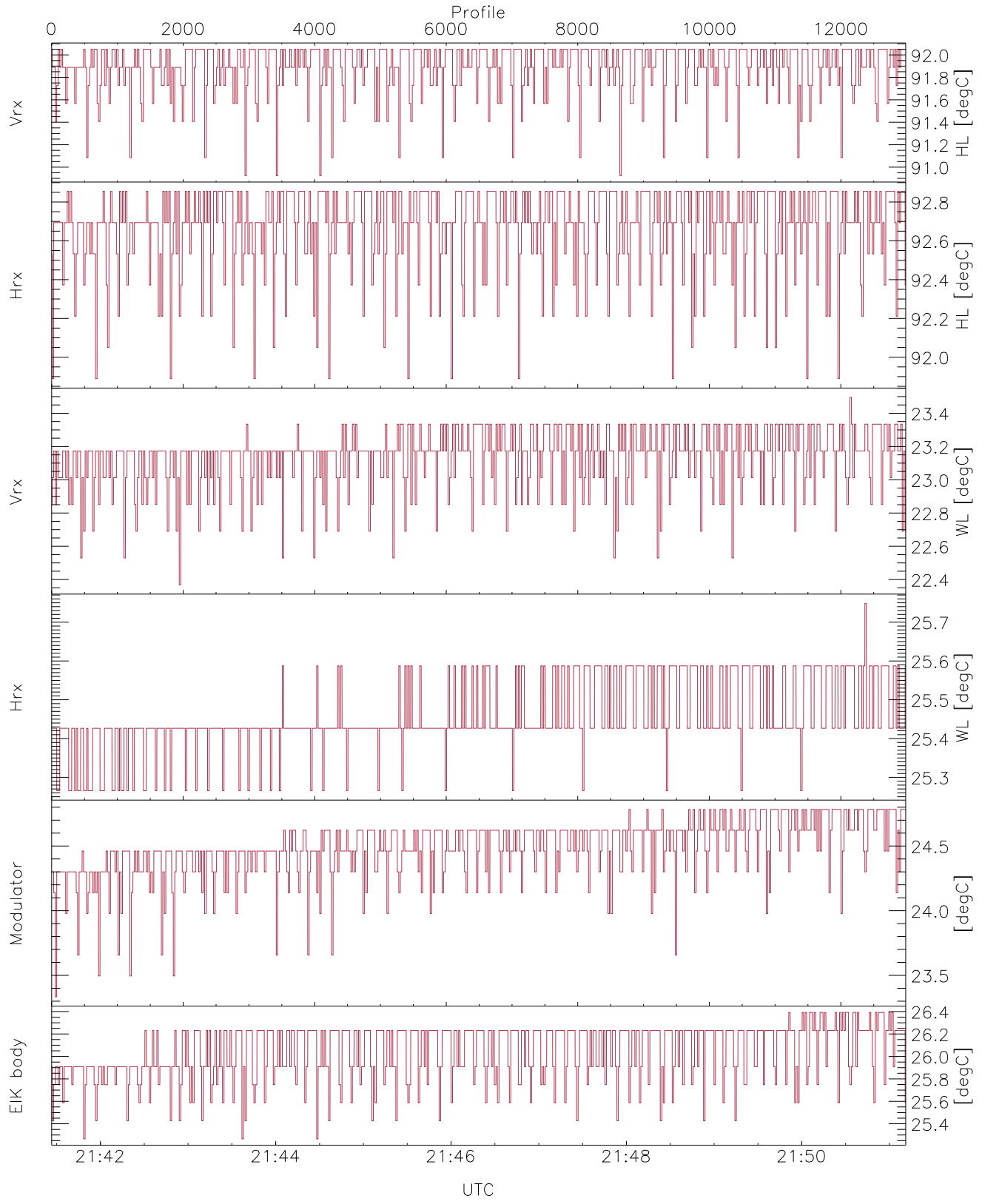


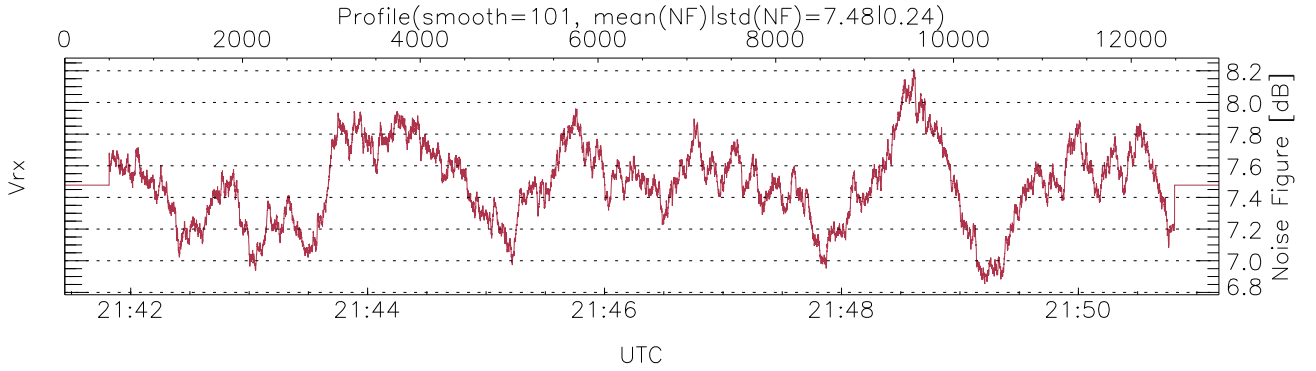
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

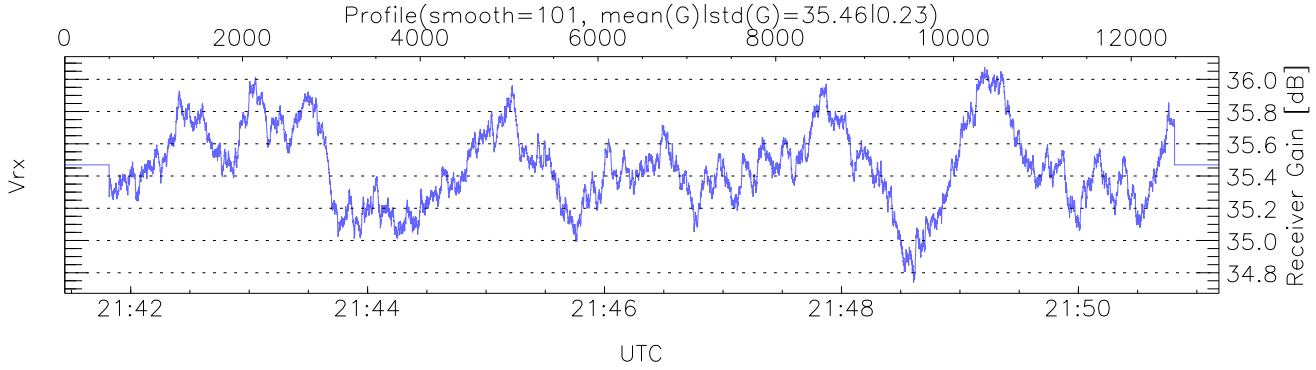
UTC: 21:41:27-21:51:11, TimeCor: 0.00s, Dur: 584.56s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 12988/12988, 0-12987/21:41:27-21:51:11
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

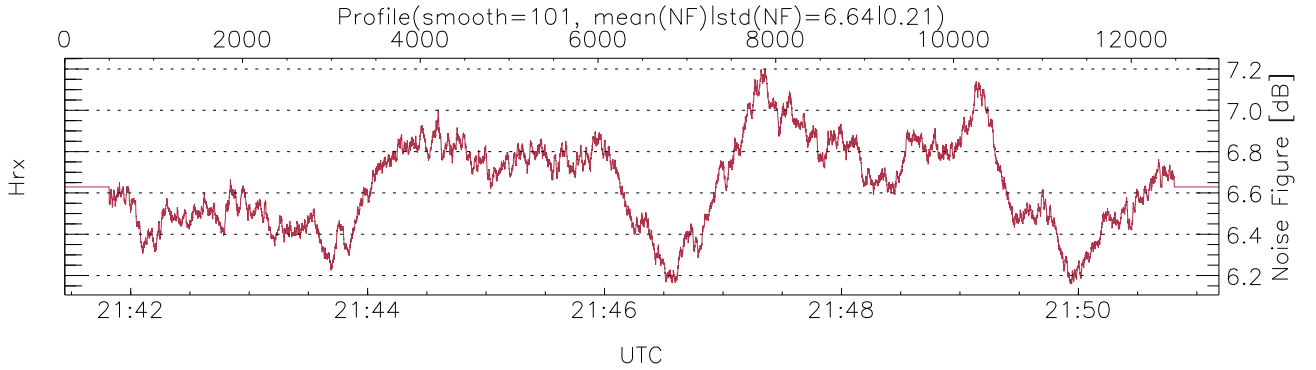


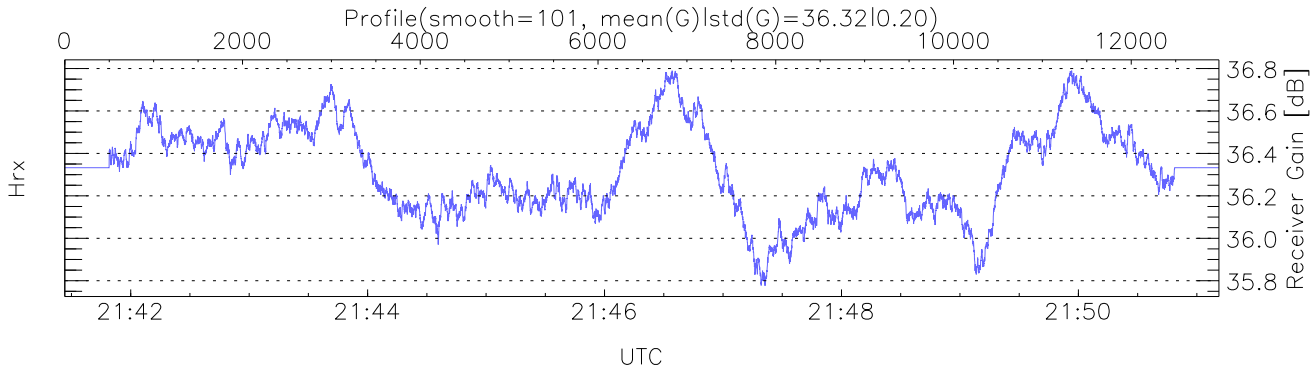
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,23,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,24,26
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (24,24,24,24,24,24)



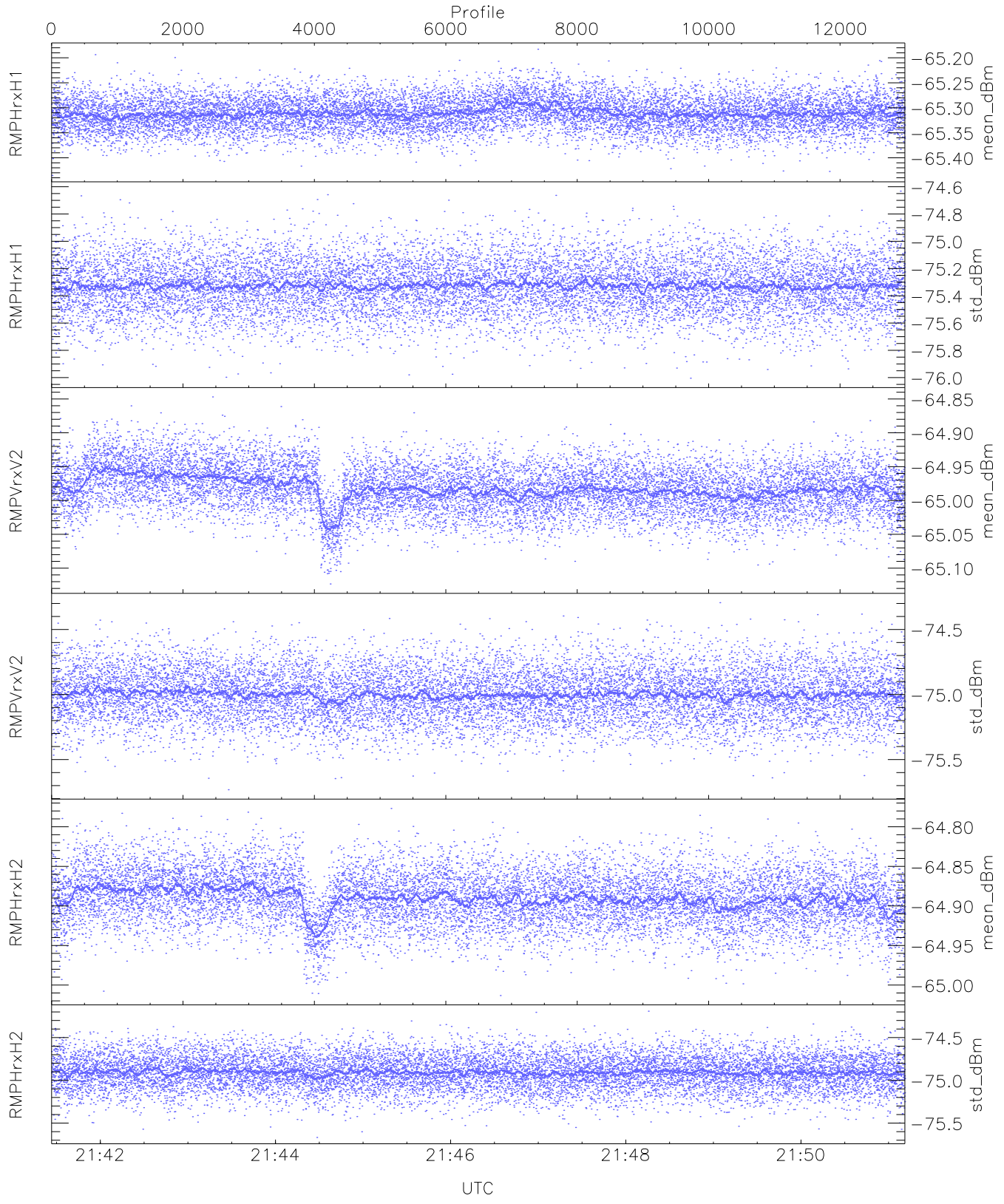






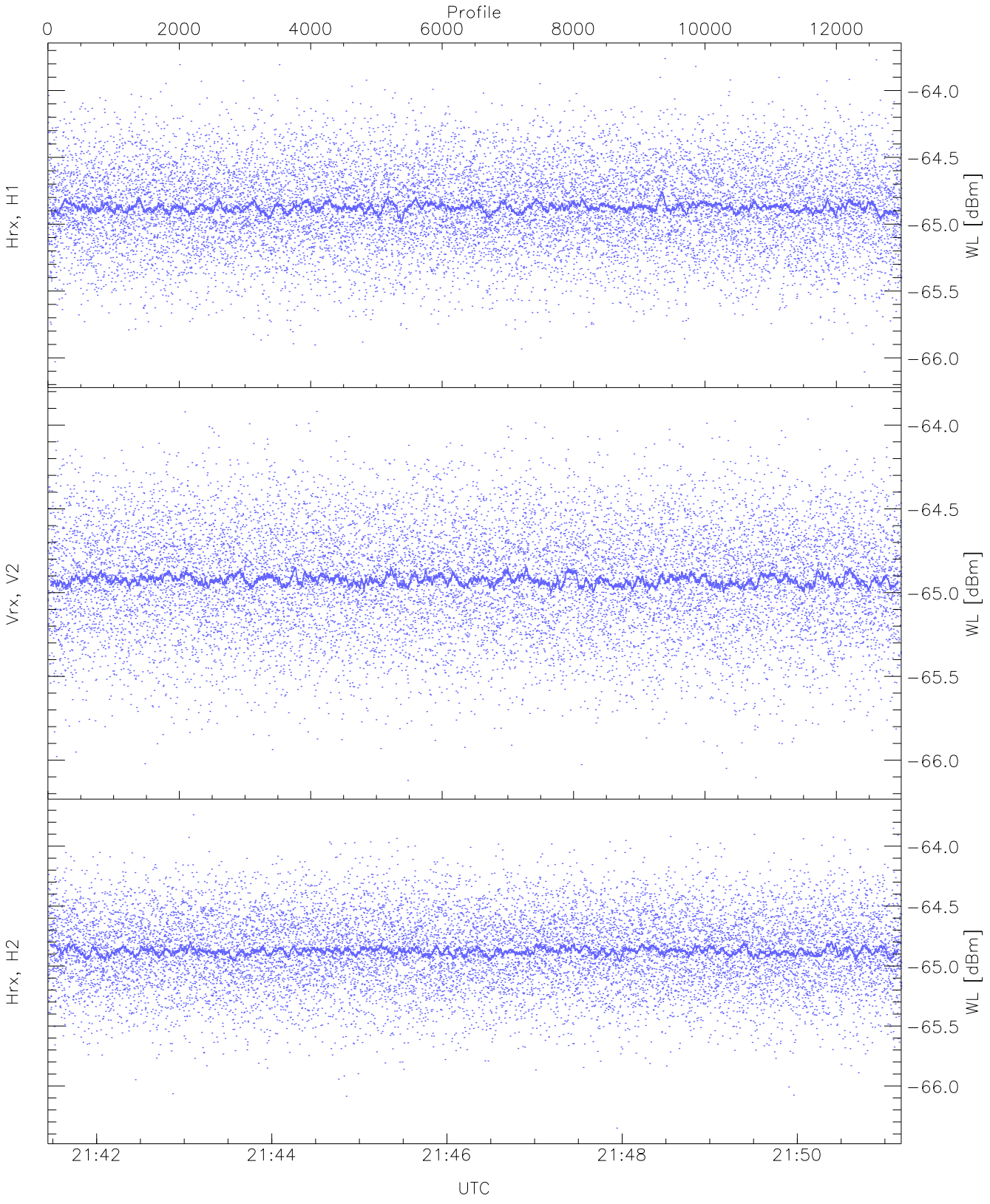
WCR3 CPP Receivers Gain and Noise Figure

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



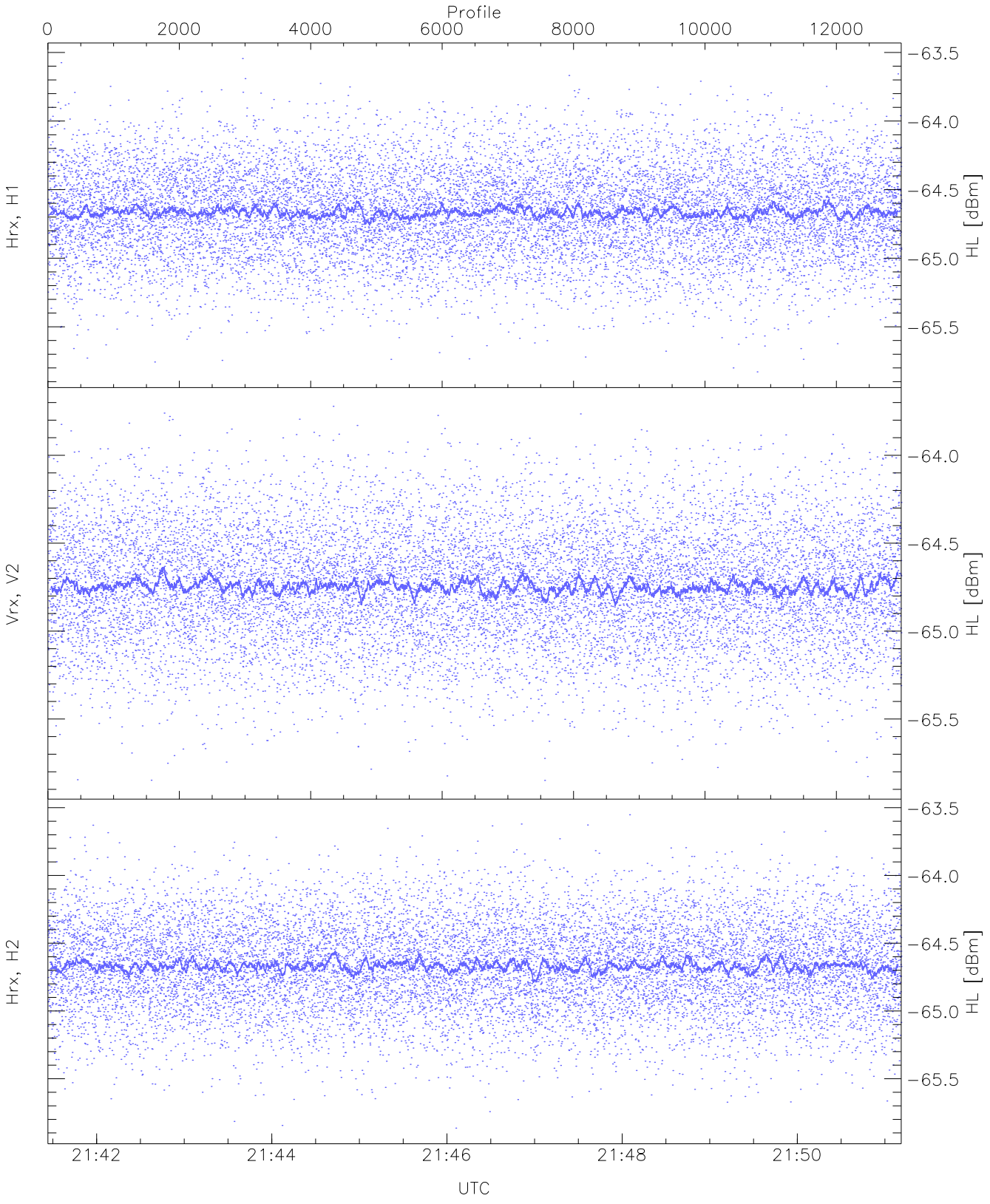
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.18	-65.31	-65.31	-86.84
RMPHrxH1(std_dBm)	-76.00	-74.63	-75.33	-75.33	-89.12
RMPVrxV2(mean_dBm)	-65.12	-64.85	-64.98	-64.98	-86.14
RMPVrxV2(std_dBm)	-75.73	-74.29	-75.00	-75.00	-88.76
RMPHrxH2(mean_dBm)	-65.01	-64.78	-64.89	-64.89	-86.26
RMPHrxH2(std_dBm)	-75.67	-74.19	-74.90	-74.91	-88.68



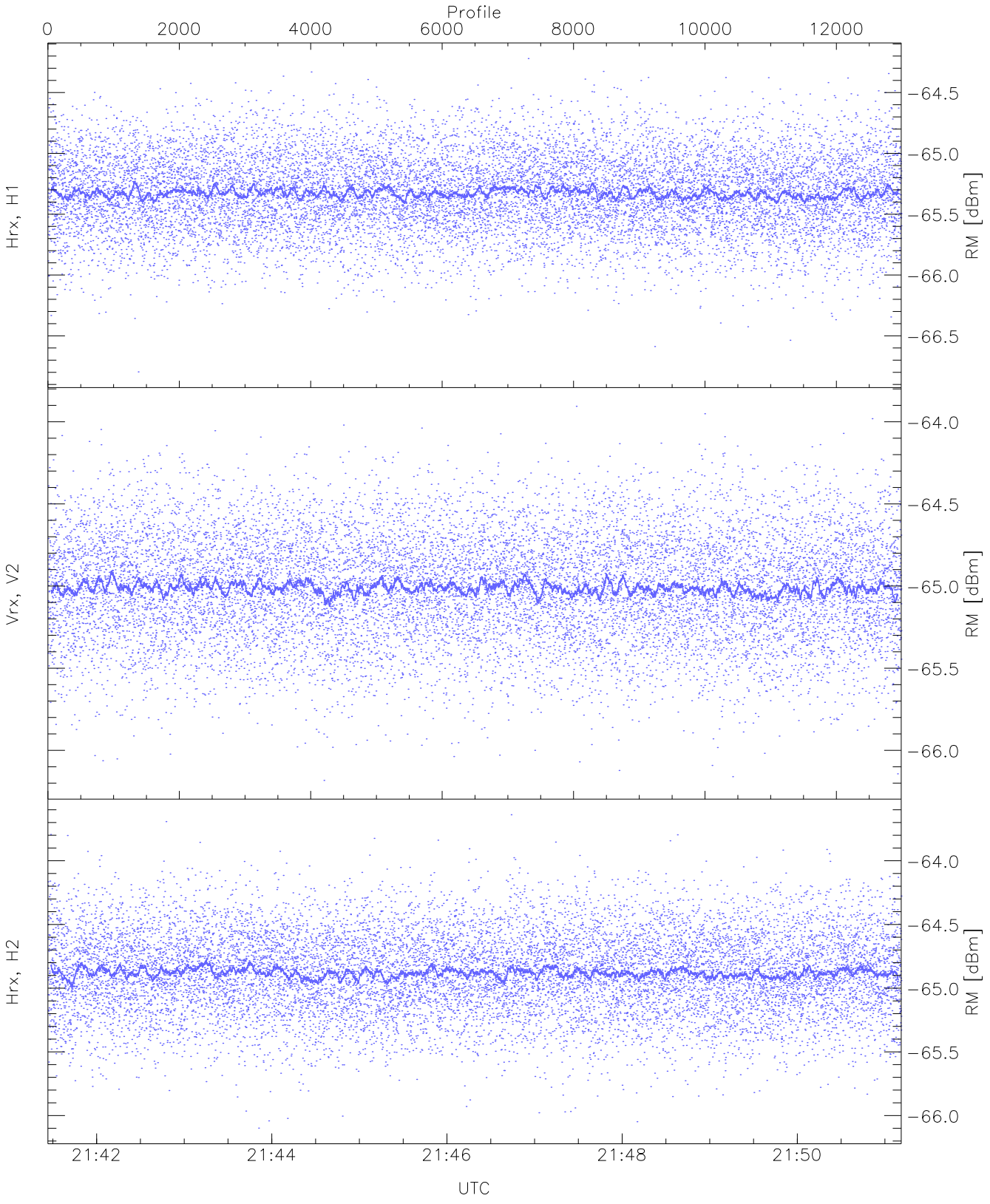
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.11	-63.76	-64.87	-64.88	-76.38
Vrx, V2(WL [dBm])	-66.12	-63.89	-64.92	-64.92	-76.41
Hrx, H2(WL [dBm])	-66.35	-63.74	-64.87	-64.88	-76.38



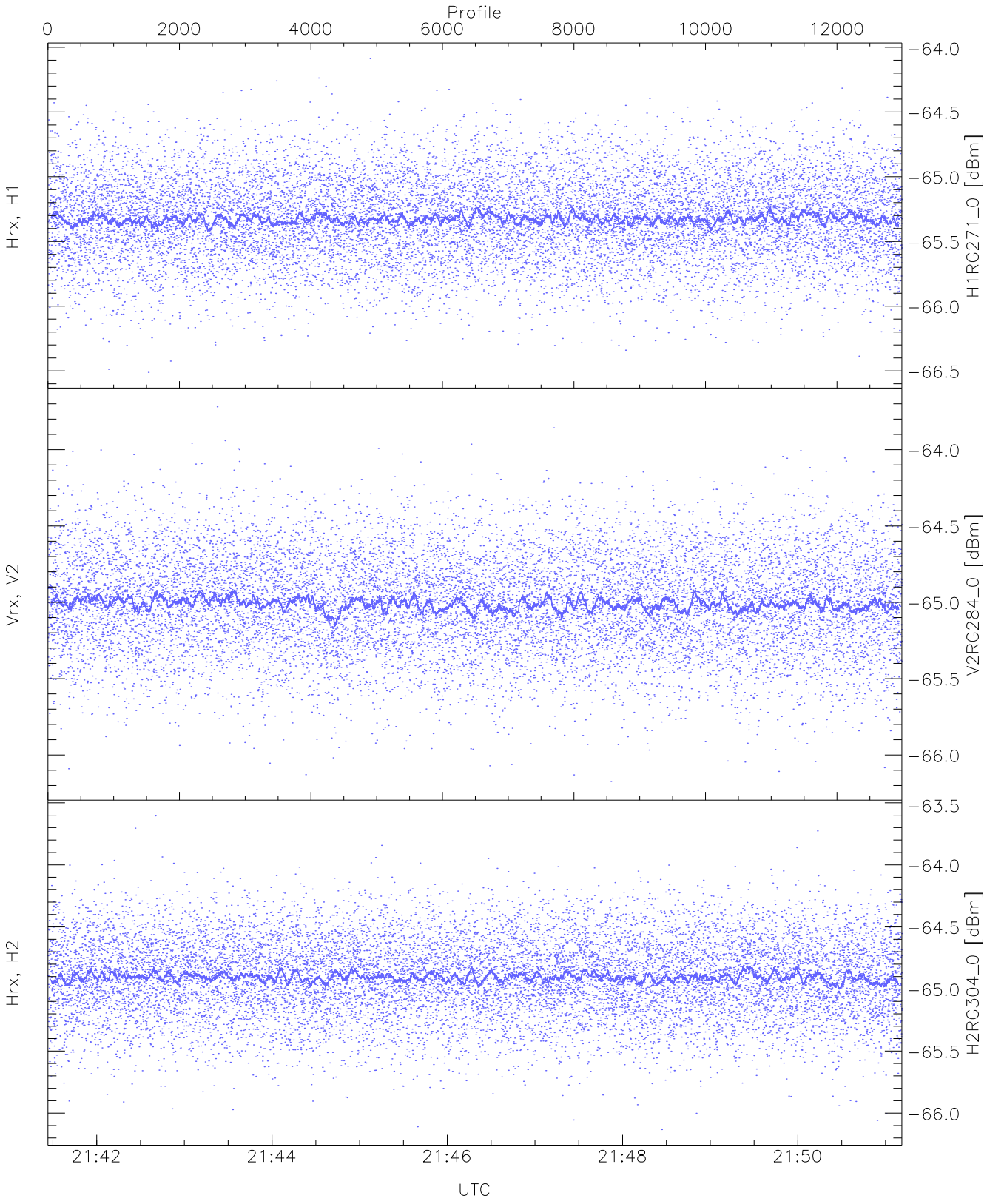
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.83	-63.54	-64.66	-64.66	-76.17
Vrx, V2(HL [dBm])	-65.85	-63.72	-64.74	-64.75	-76.28
Hrx, H2(HL [dBm])	-65.86	-63.55	-64.66	-64.67	-76.16



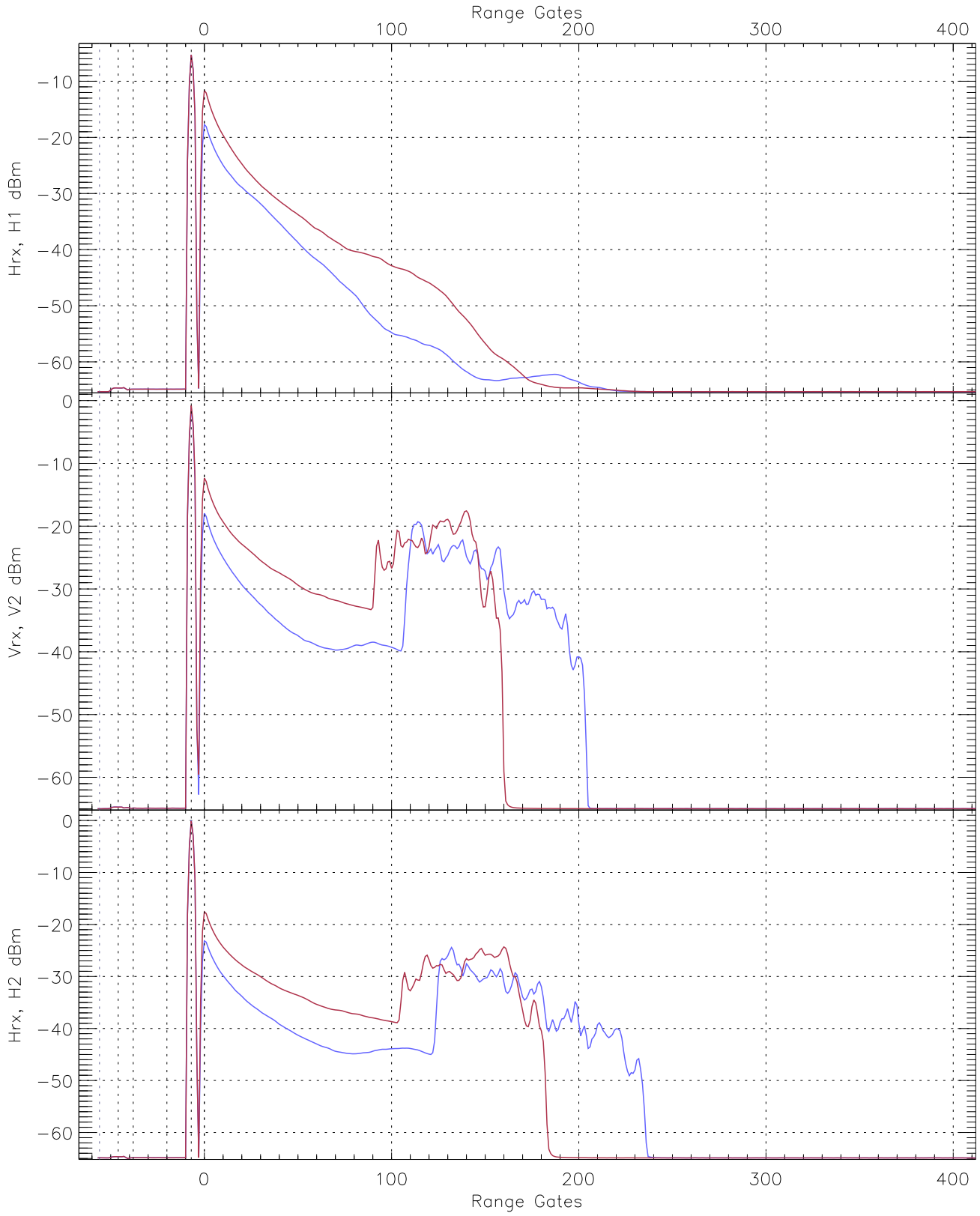
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.80	-64.22	-65.32	-65.33	-76.83
Vrx, V2(RM [dBm])	-66.18	-63.91	-65.00	-65.01	-76.50
Hrx, H2(RM [dBm])	-66.10	-63.64	-64.87	-64.88	-76.35

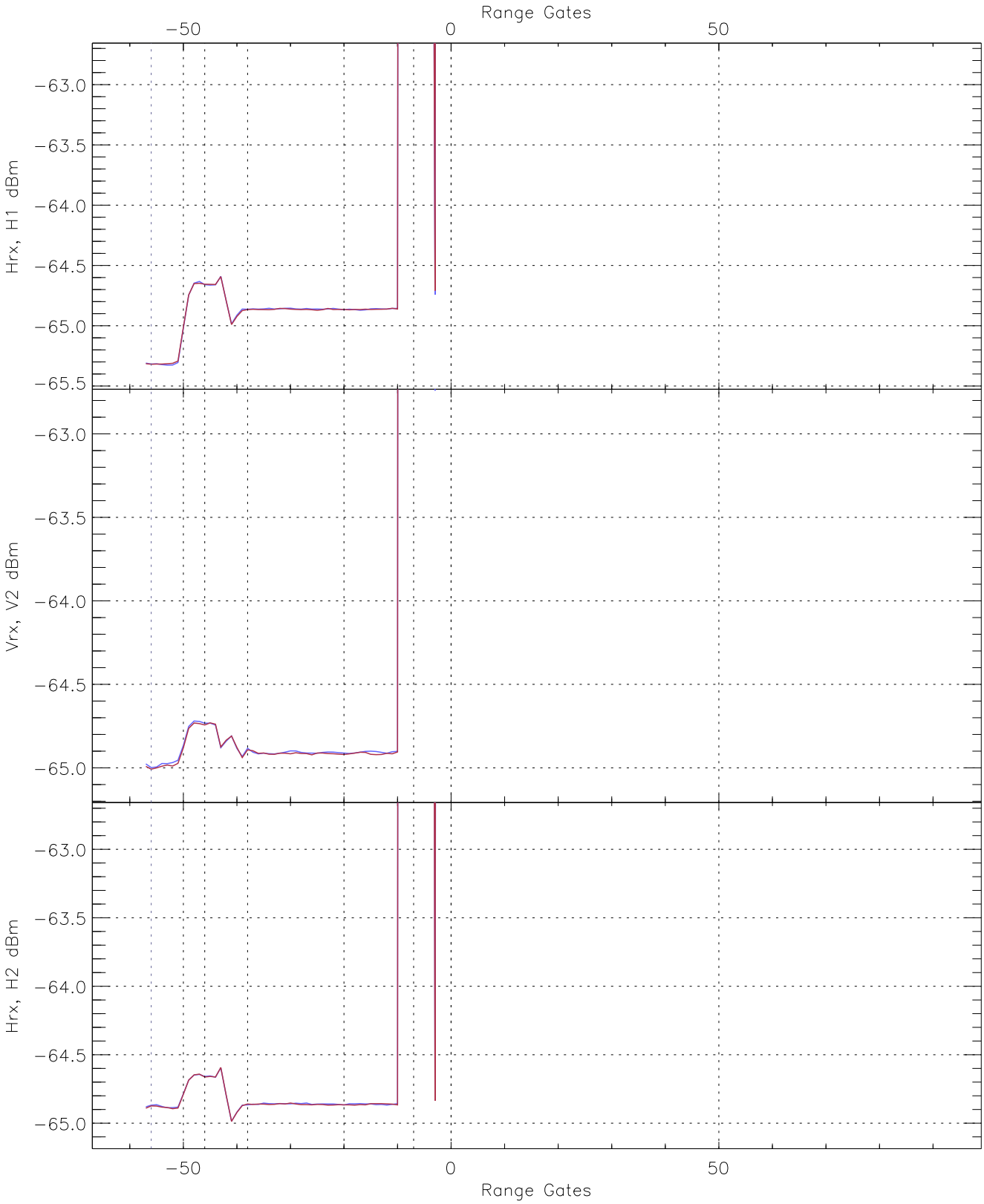


WCR3 CPP "Best" estimate Receivers Noise Power

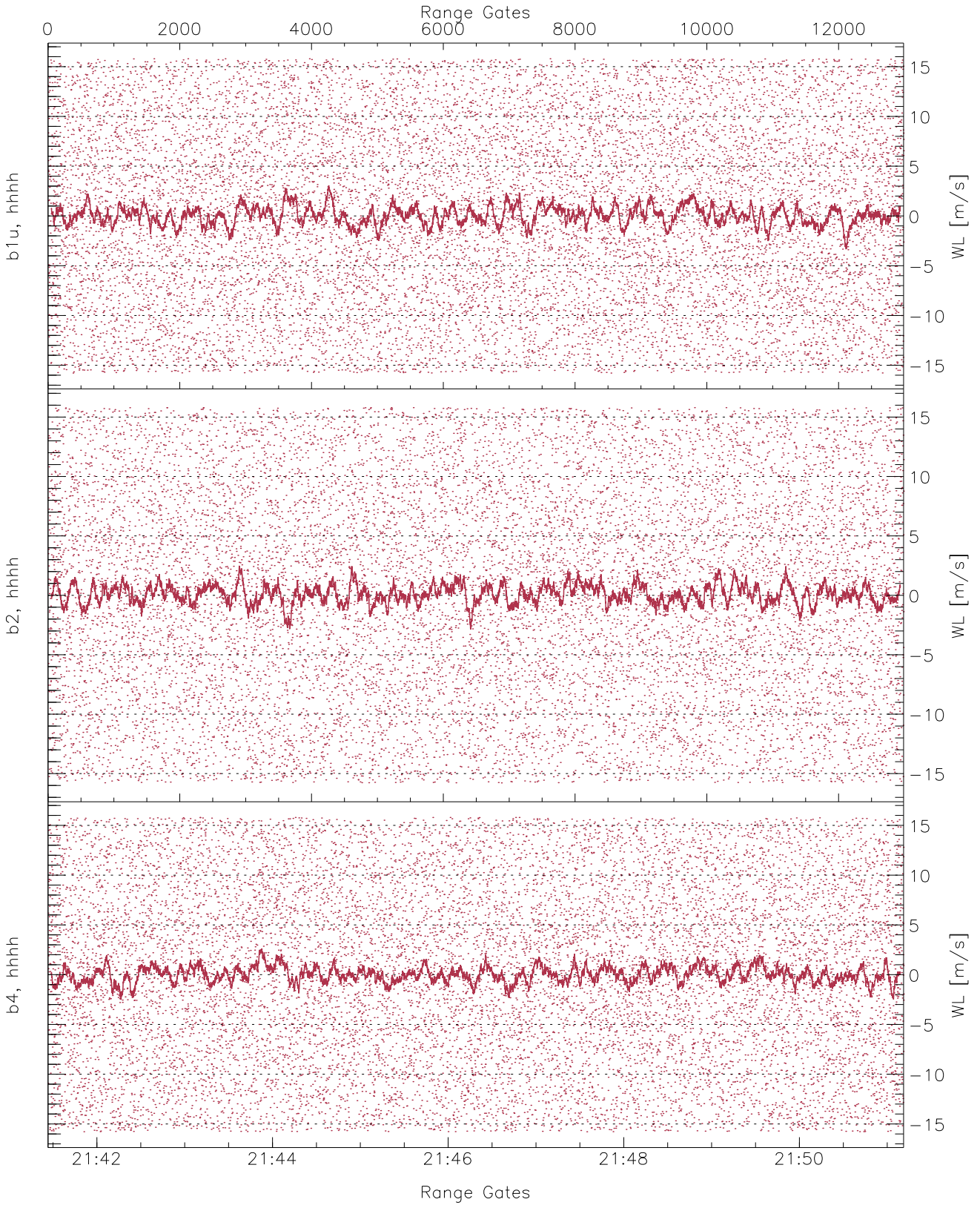
	Min	Max	Mean	Median	StDev
H1RG271_0 [dBm]	-66.51	-64.09	-65.32	-65.33	-76.80
V2RG284_0 [dBm]	-66.17	-63.72	-65.00	-65.01	-76.54
H2RG304_0 [dBm]	-66.13	-63.60	-64.90	-64.90	-76.43



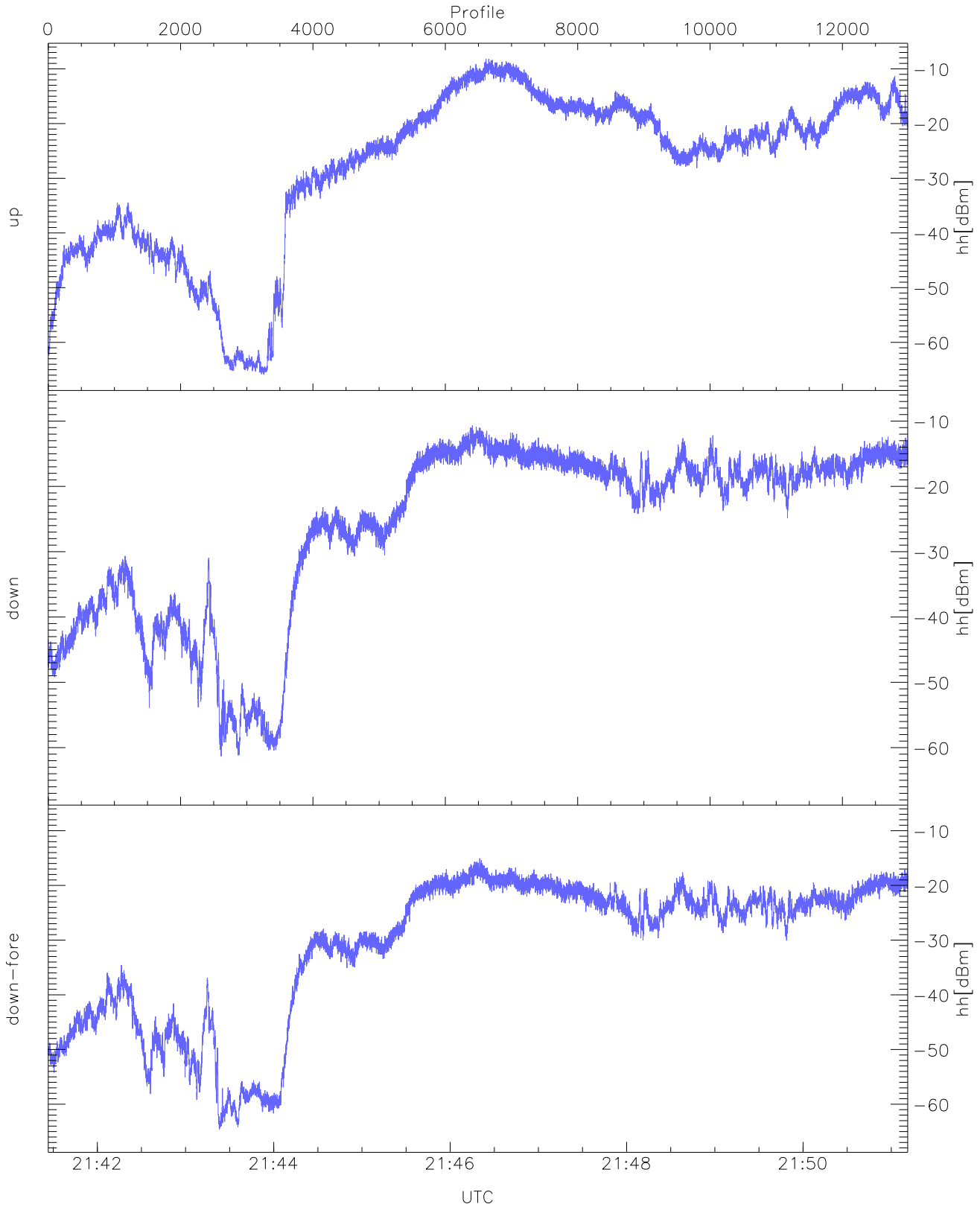
WCR3 CPP Averaged Received power for all recorded gates
blue: 214127-214619, 6495 profiles averaged
red: 214619-215111, 6494 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 214127-214619, 6495 profiles averaged
red: 214619-215111, 6494 profiles averaged

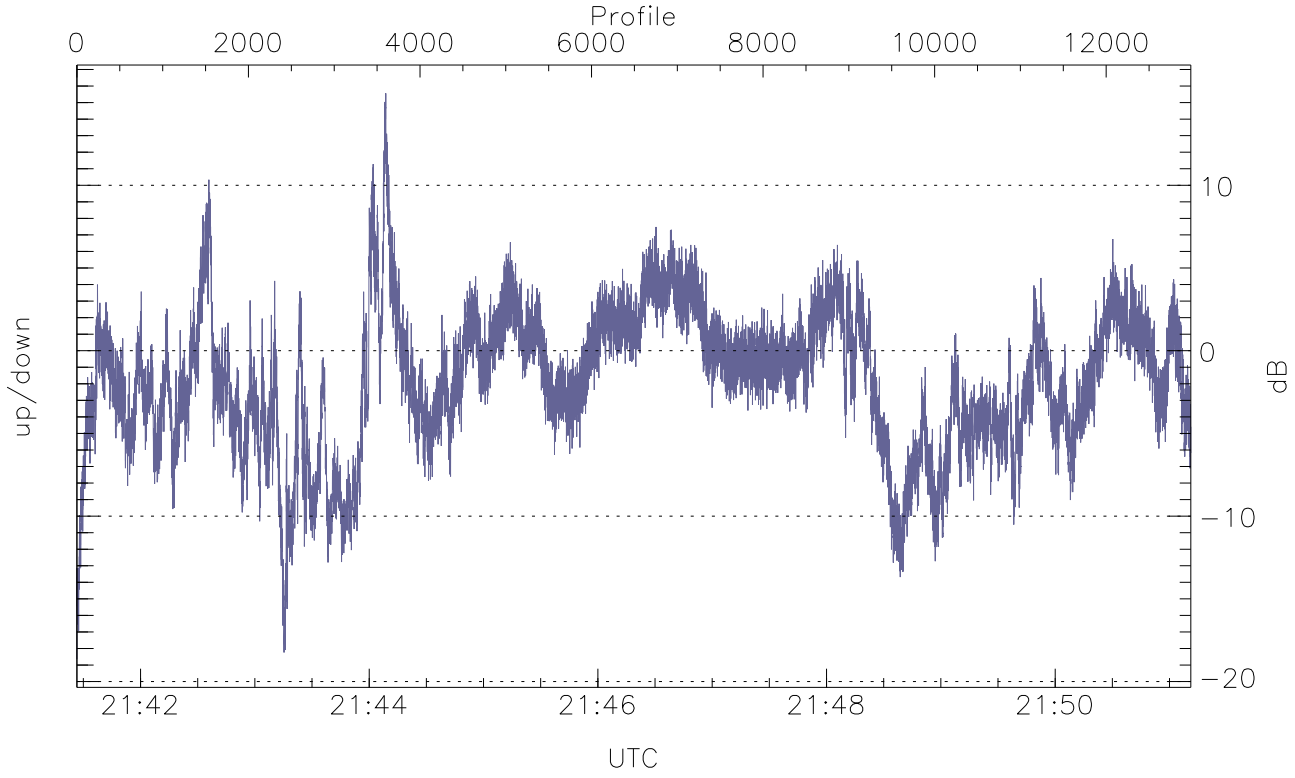


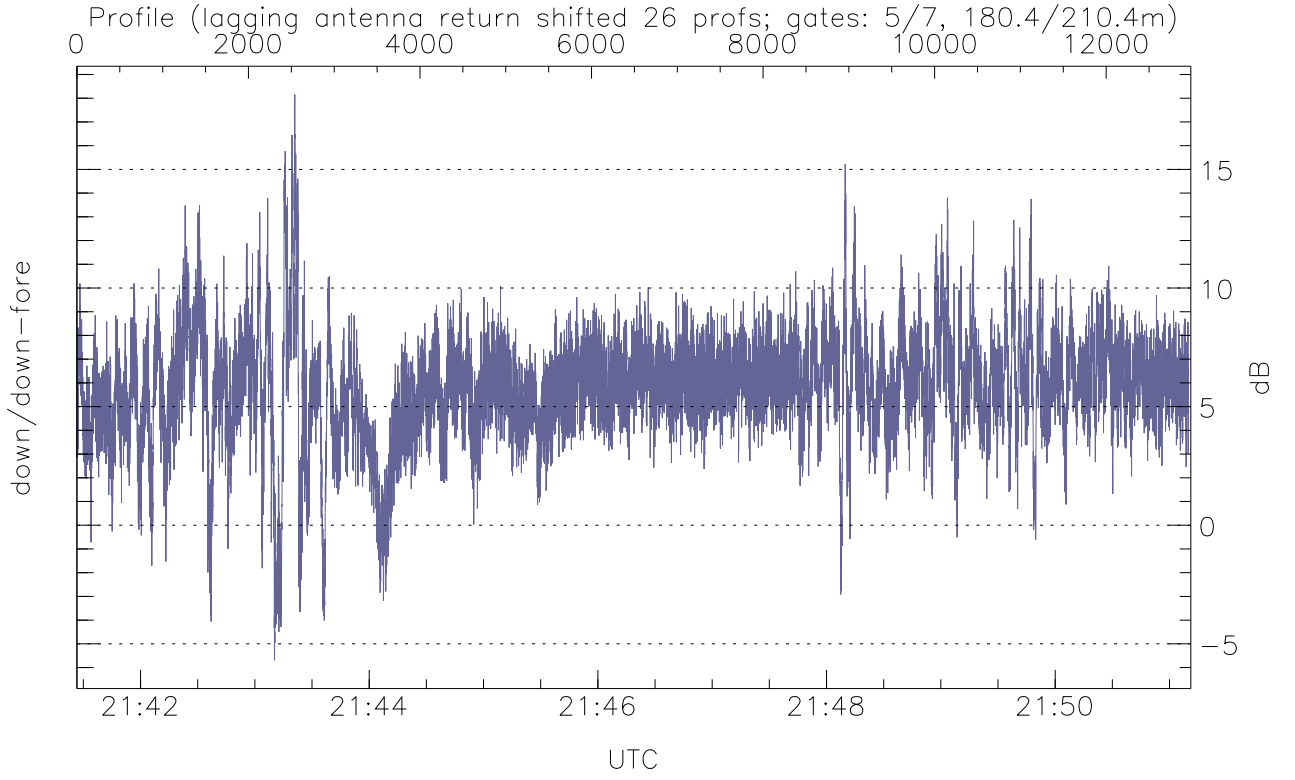
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

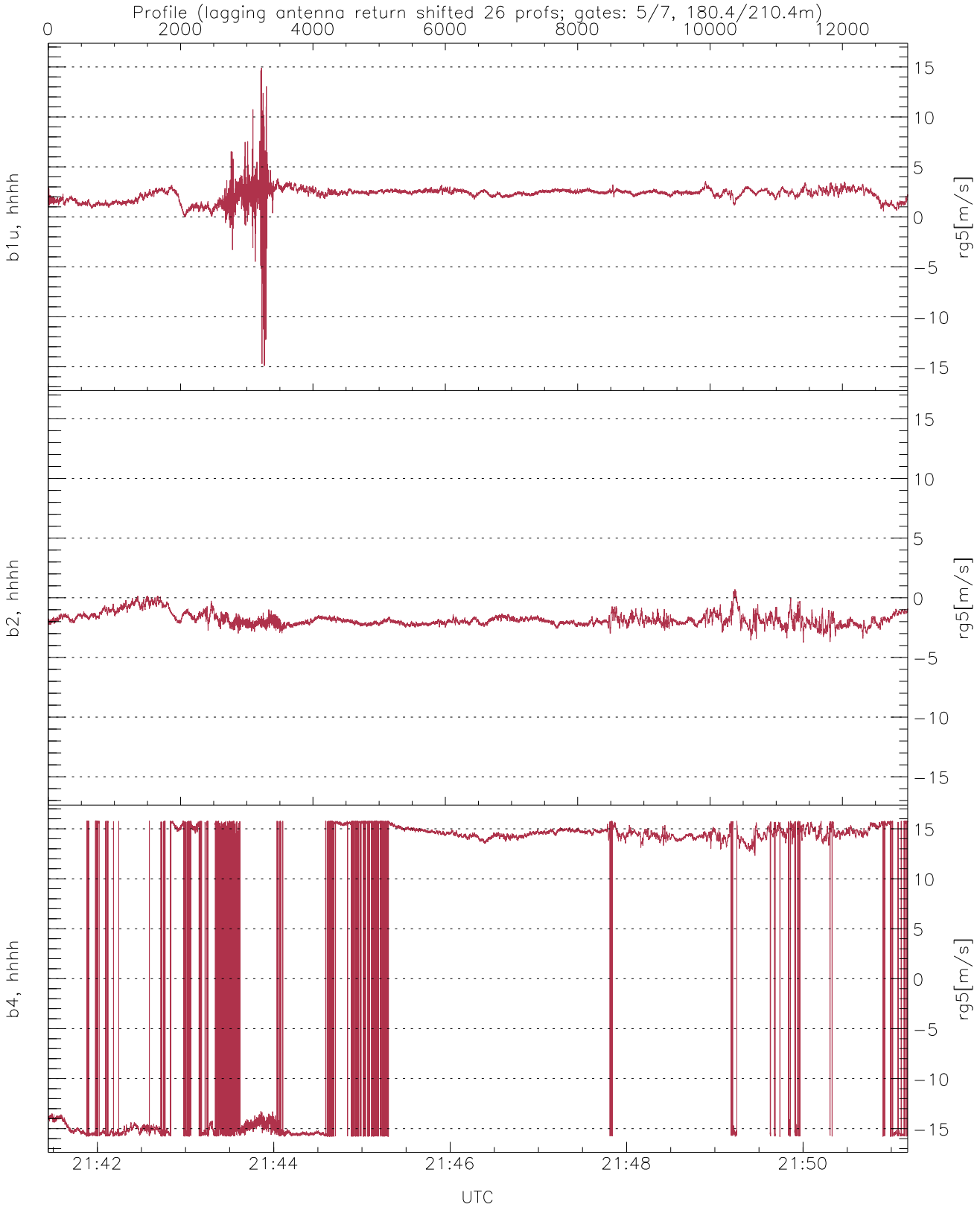
	Min	Max	Mean
up(hh[dBm])	-65.91	-8.20	-18.13
down(hh[dBm])	-61.34	-10.66	-18.49
down-fore(hh[dBm])	-64.58	-15.05	-23.42





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

	Min	Max	Mean
up/down(dB)	-18.64	15.56	-1.76
down/down-fore(dB)	-5.69	18.16	5.77



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-14.90	14.90	2.25	0.84
b2, hhhh(rg5[m/s])	-3.74	0.71	-1.81	0.54
b4, hhhh(rg5[m/s])	-15.79	15.79	5.09	13.97