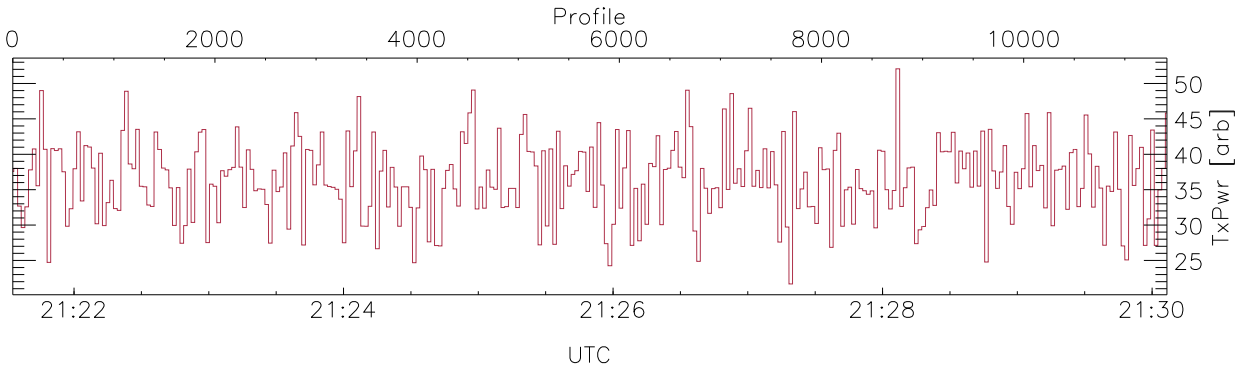
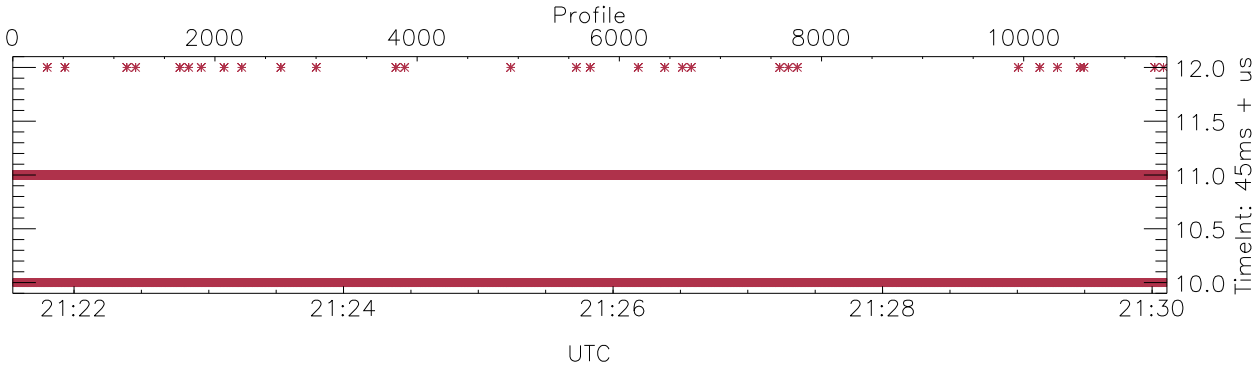
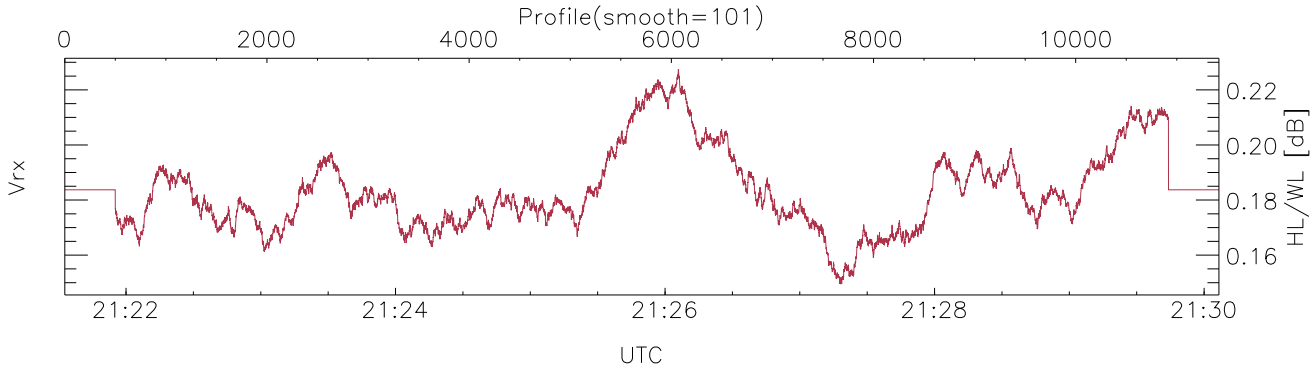
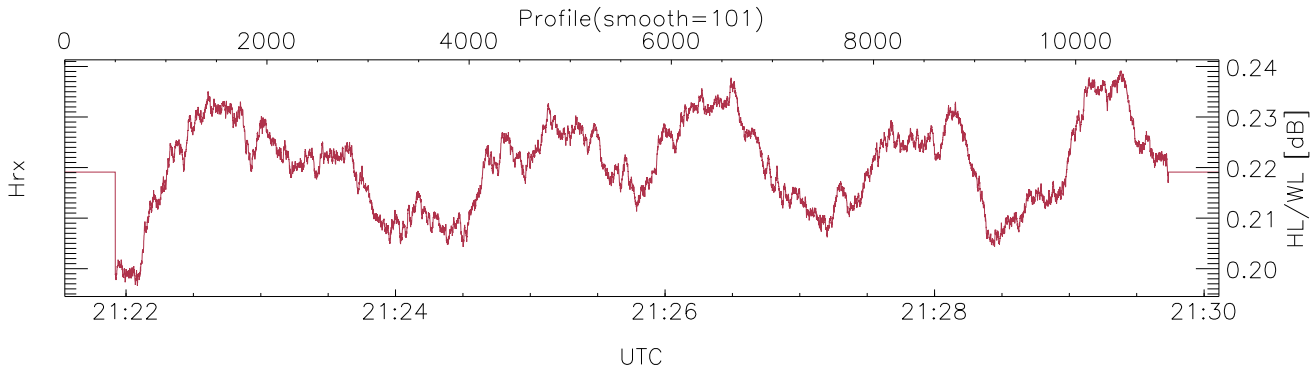


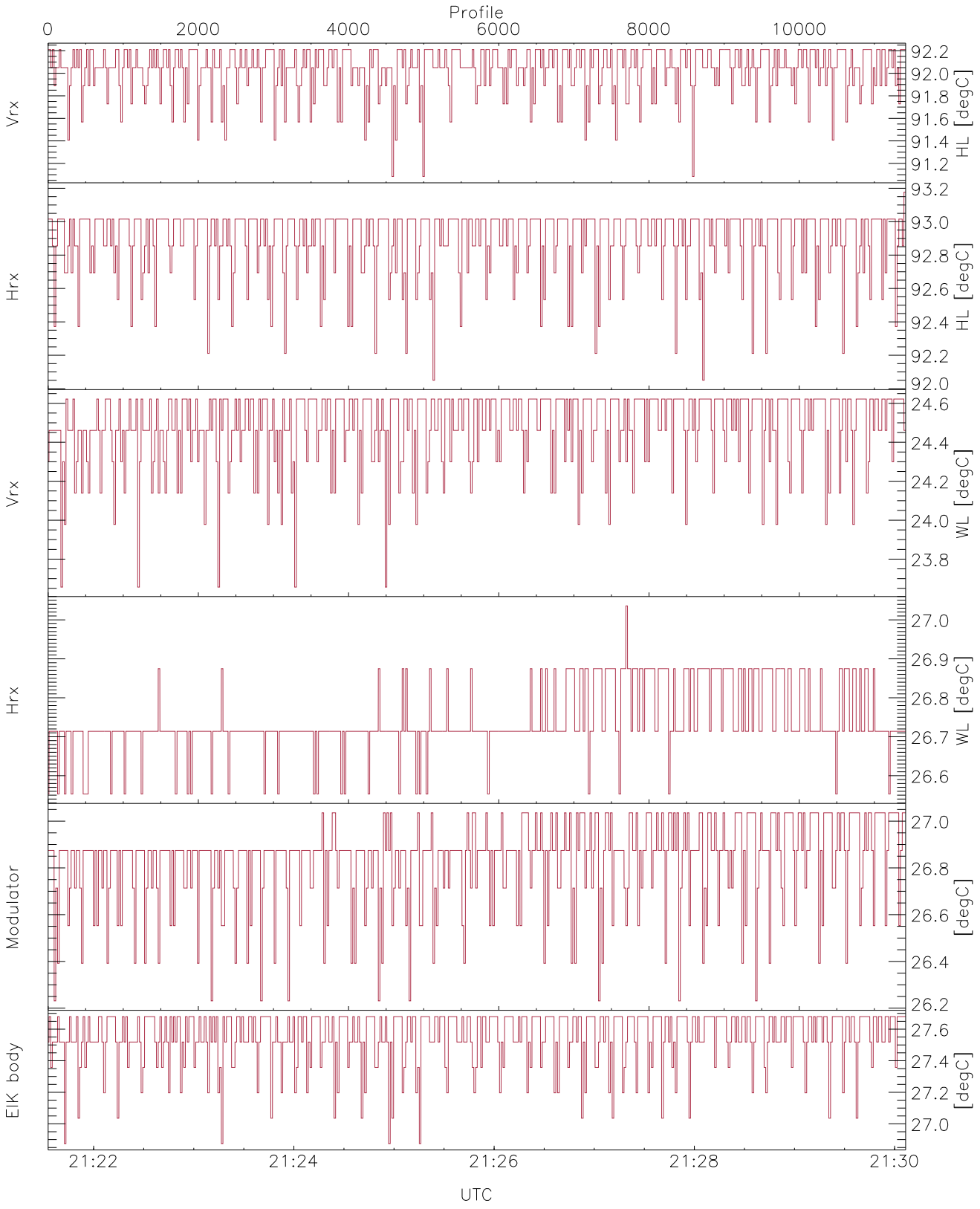






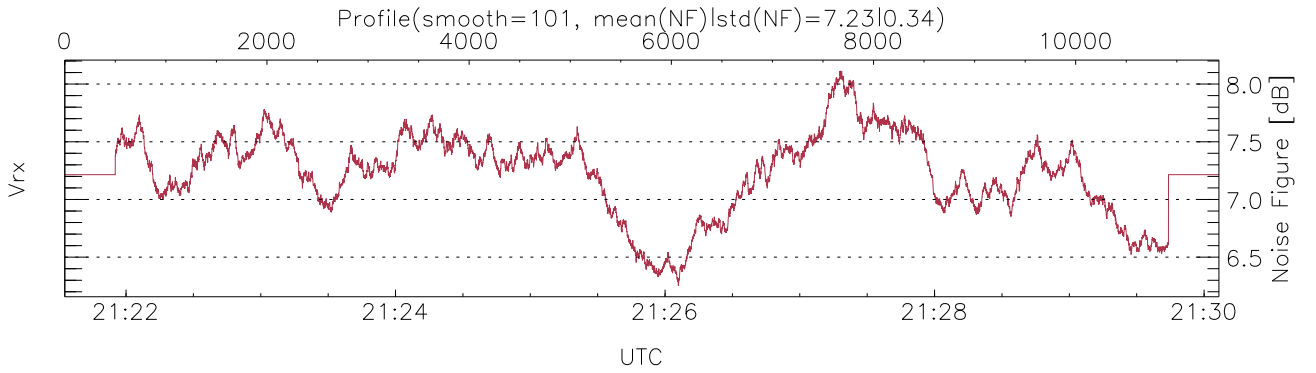
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

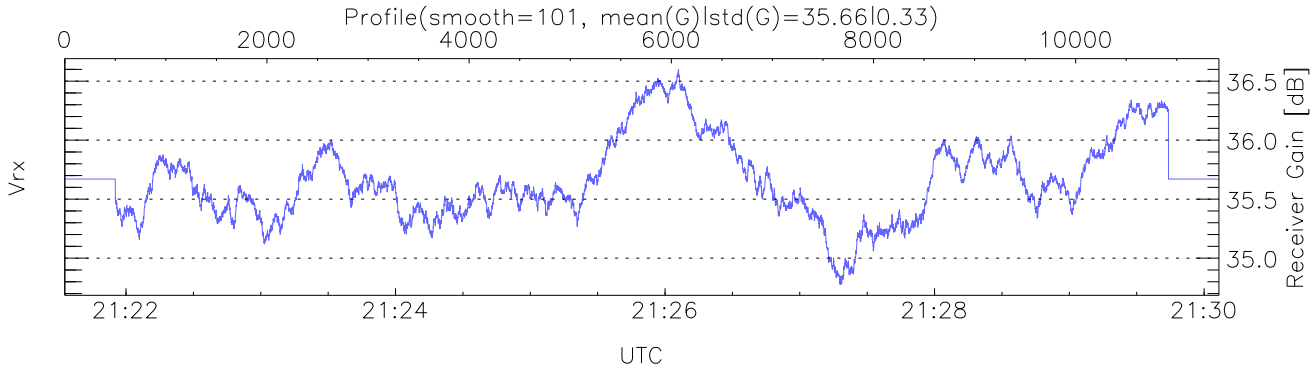
UTC: 21:21:33-21:30:07, TimeCor: 0.00s, Dur: 513.89s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 11418/11418, 0-11417/21:21:33-21:30:07
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

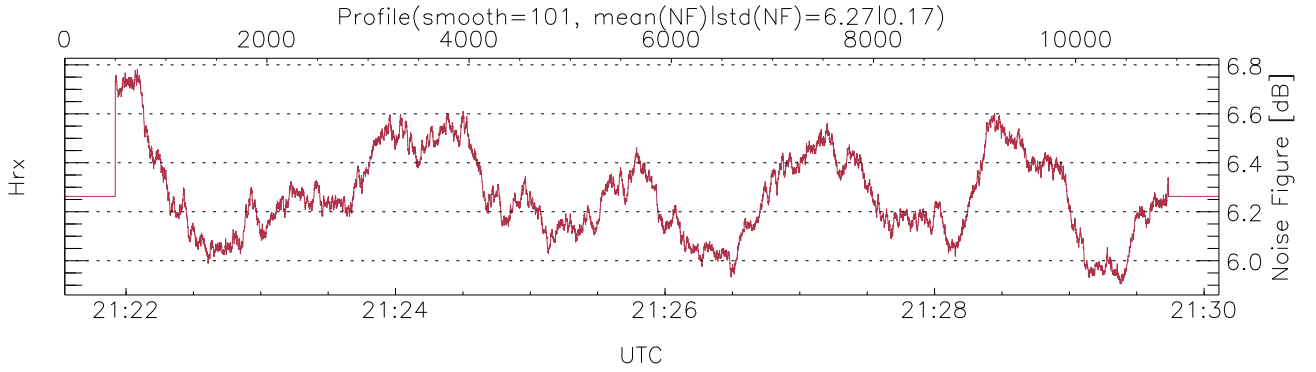


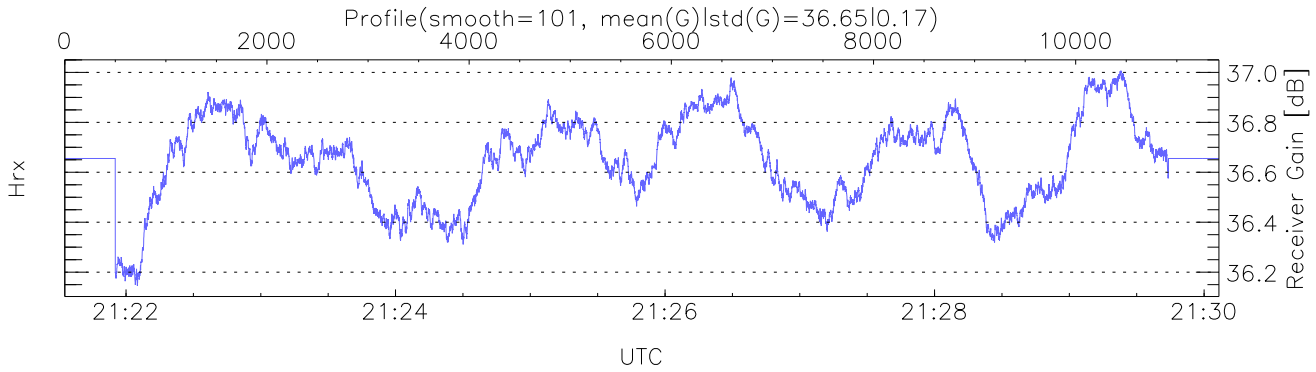
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,26,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,27,27
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty (46,46,24)



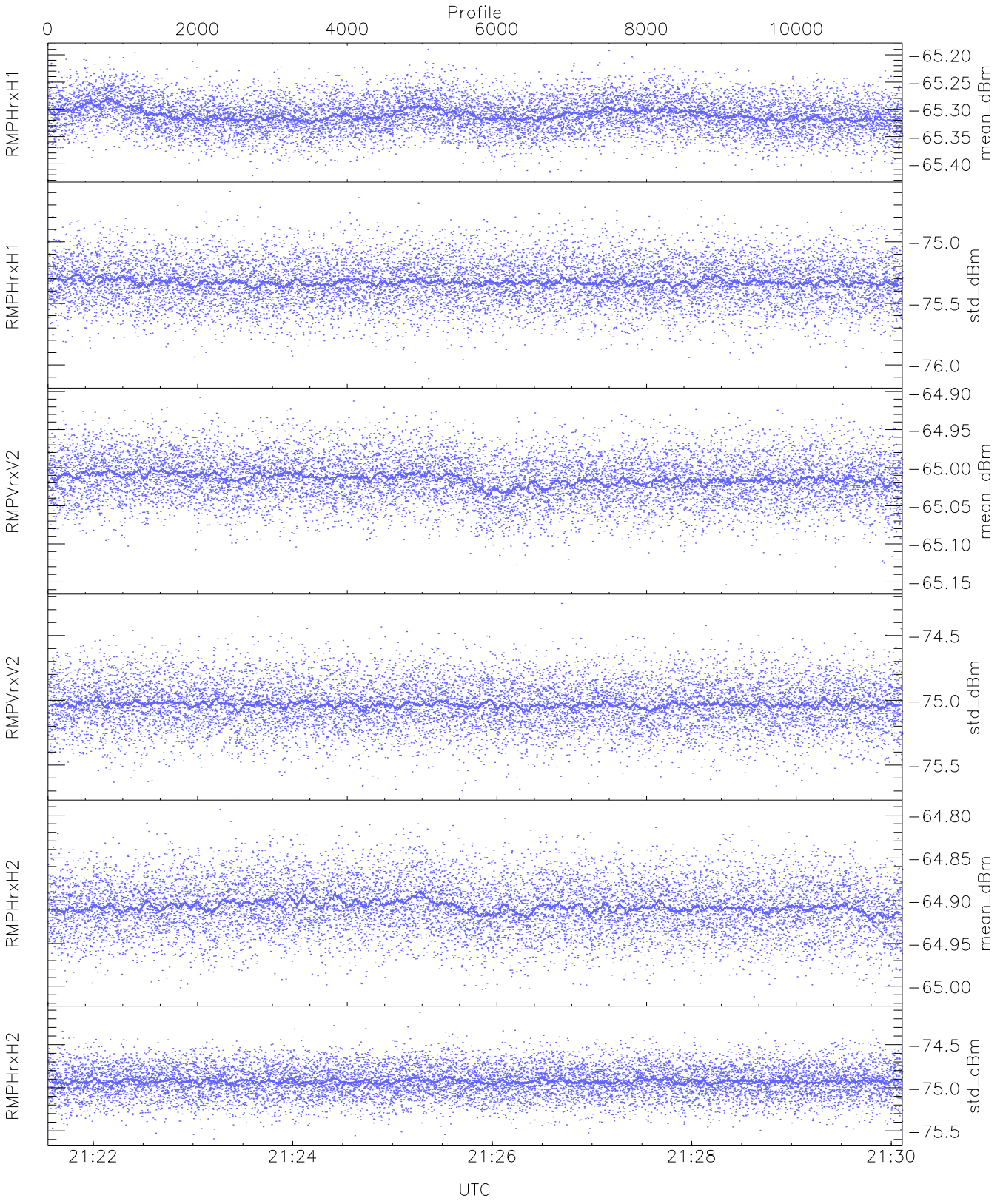






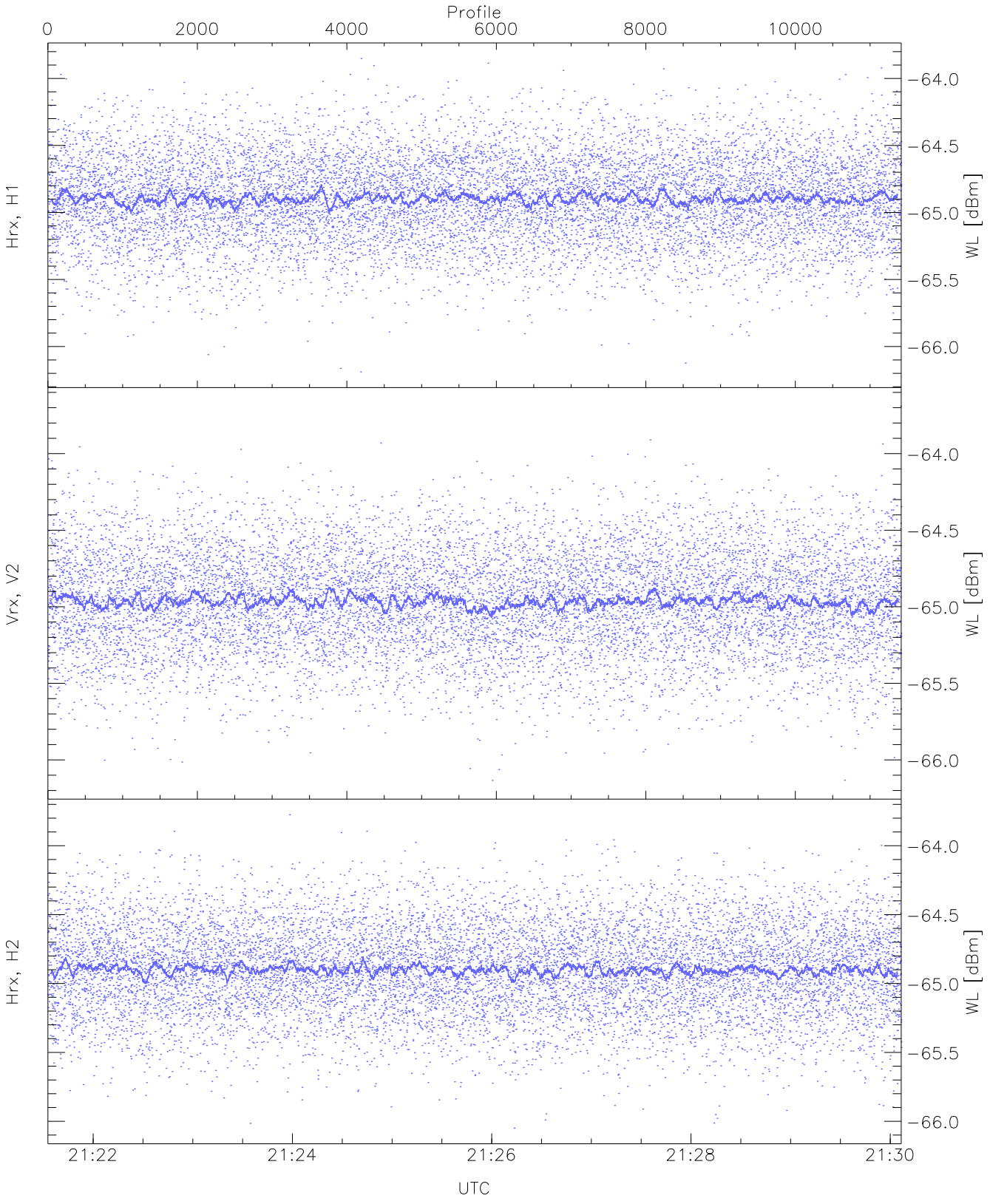
WCR3 CPP Receivers Gain and Noise Figure

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



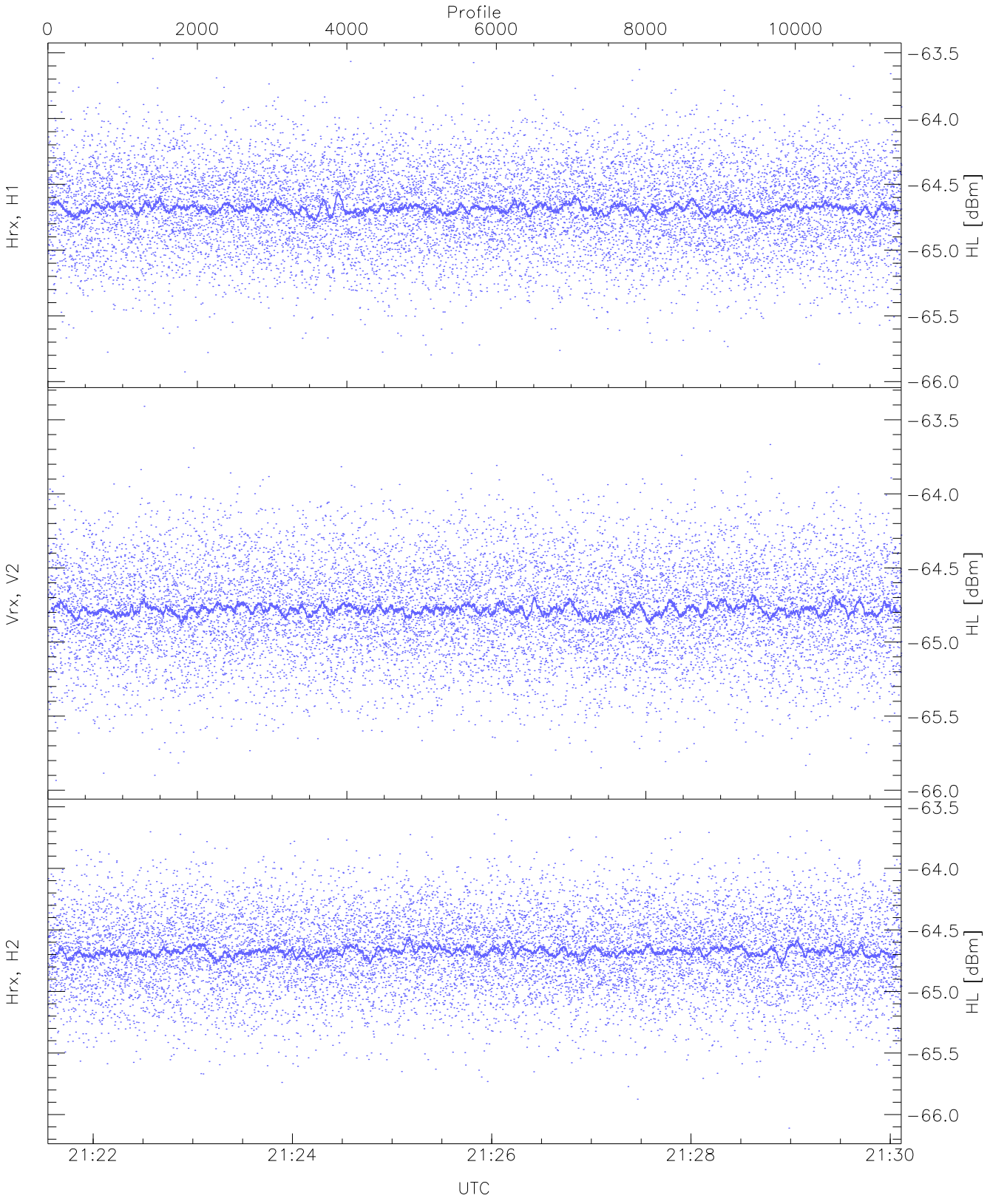
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.19	-65.31	-65.31	-86.75
RMPHrxH1(std_dBm)	-76.11	-74.59	-75.33	-75.33	-89.12
RMPVrxV2(mean_dBm)	-65.15	-64.91	-65.01	-65.01	-86.57
RMPVrxV2(std_dBm)	-75.70	-74.25	-75.03	-75.03	-88.81
RMPHrxH2(mean_dBm)	-65.01	-64.79	-64.91	-64.91	-86.45
RMPHrxH2(std_dBm)	-75.59	-74.13	-74.92	-74.93	-88.73



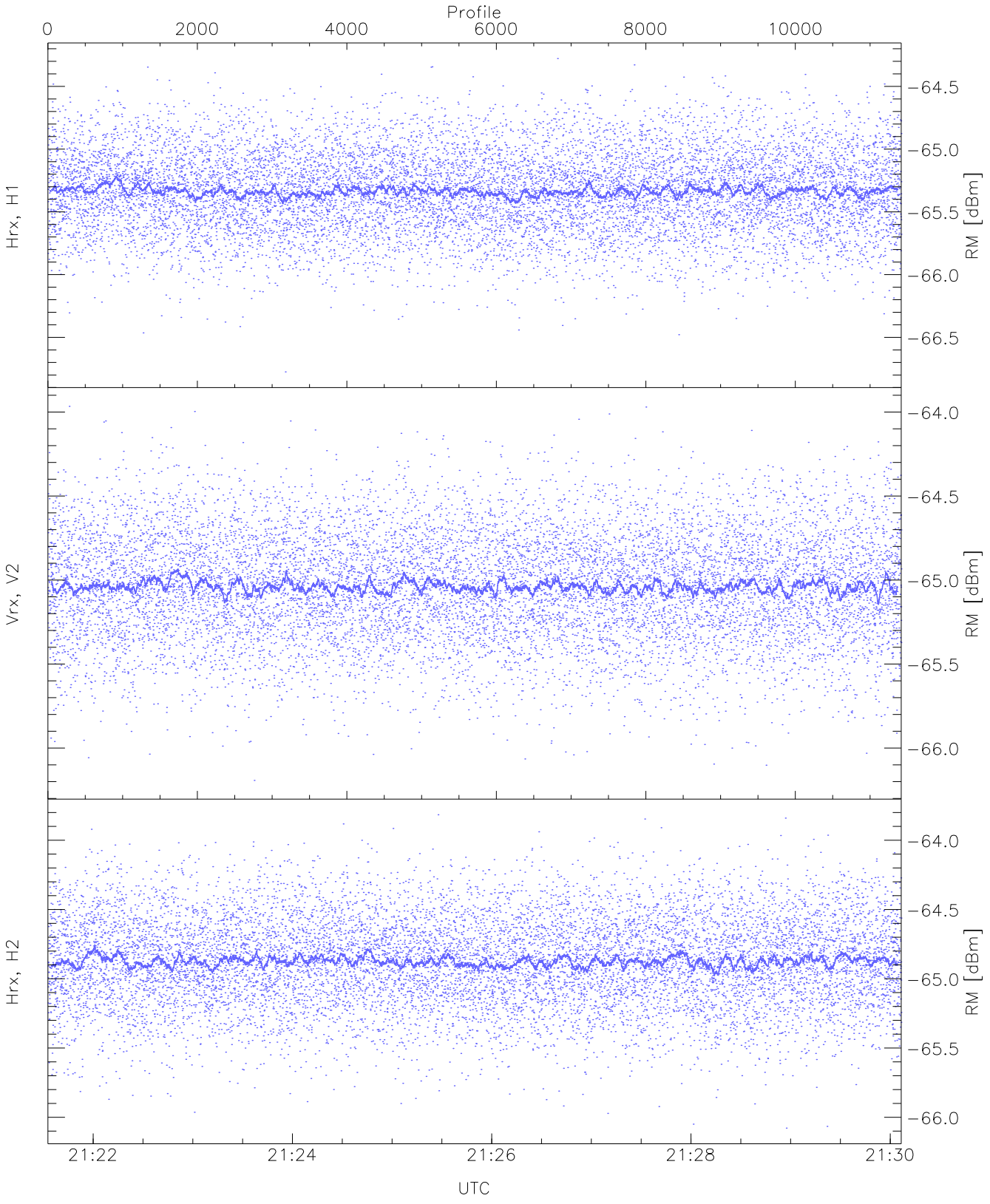
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.19	-63.85	-64.89	-64.89	-76.42
Vrx, V2(WL [dBm])	-66.13	-63.69	-64.96	-64.96	-76.44
Hrx, H2(WL [dBm])	-66.05	-63.78	-64.89	-64.90	-76.42



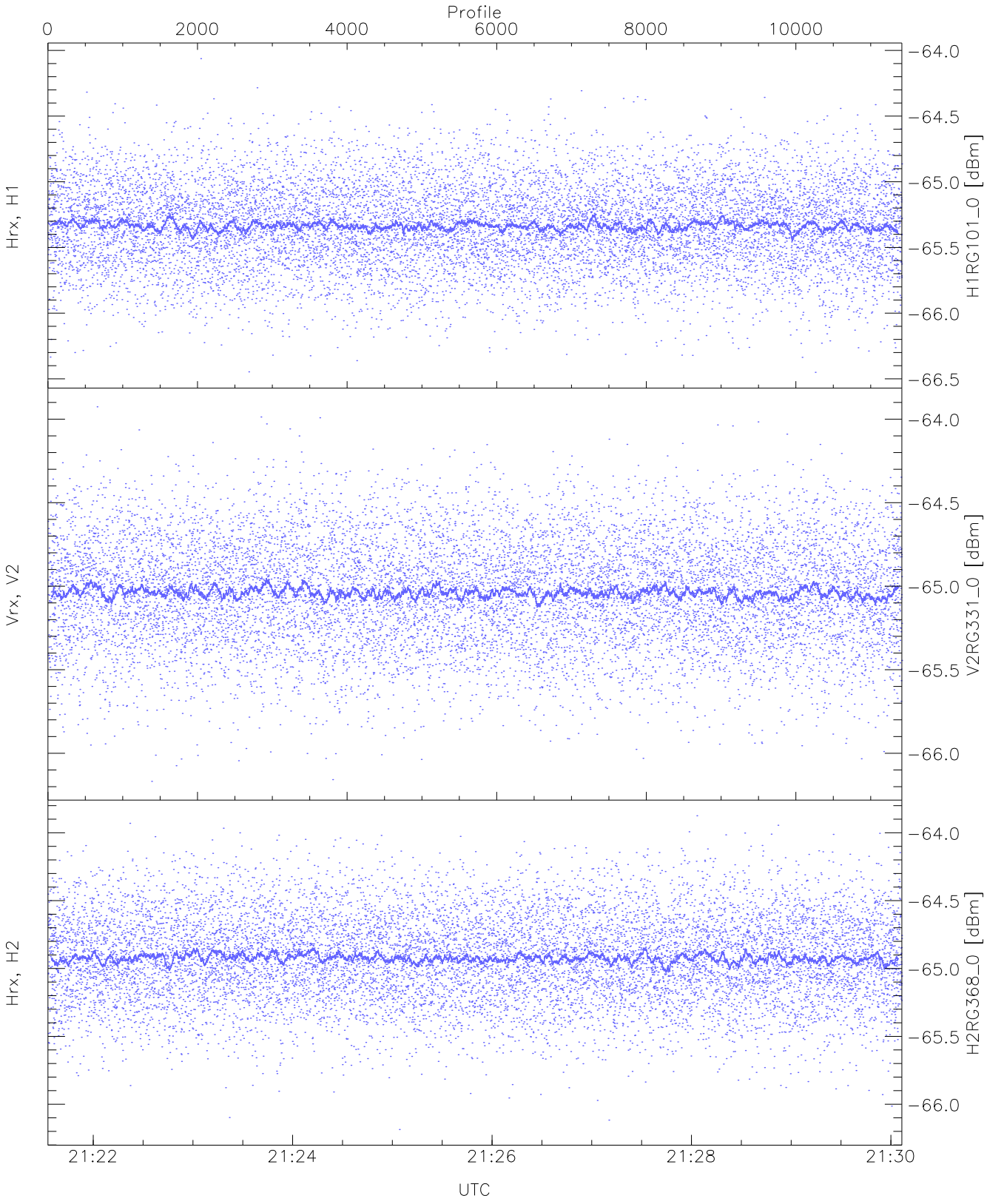
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.93	-63.54	-64.68	-64.68	-76.20
Vrx, V2(HL [dBm])	-65.93	-63.41	-64.77	-64.78	-76.23
Hrx, H2(HL [dBm])	-66.11	-63.56	-64.67	-64.67	-76.19



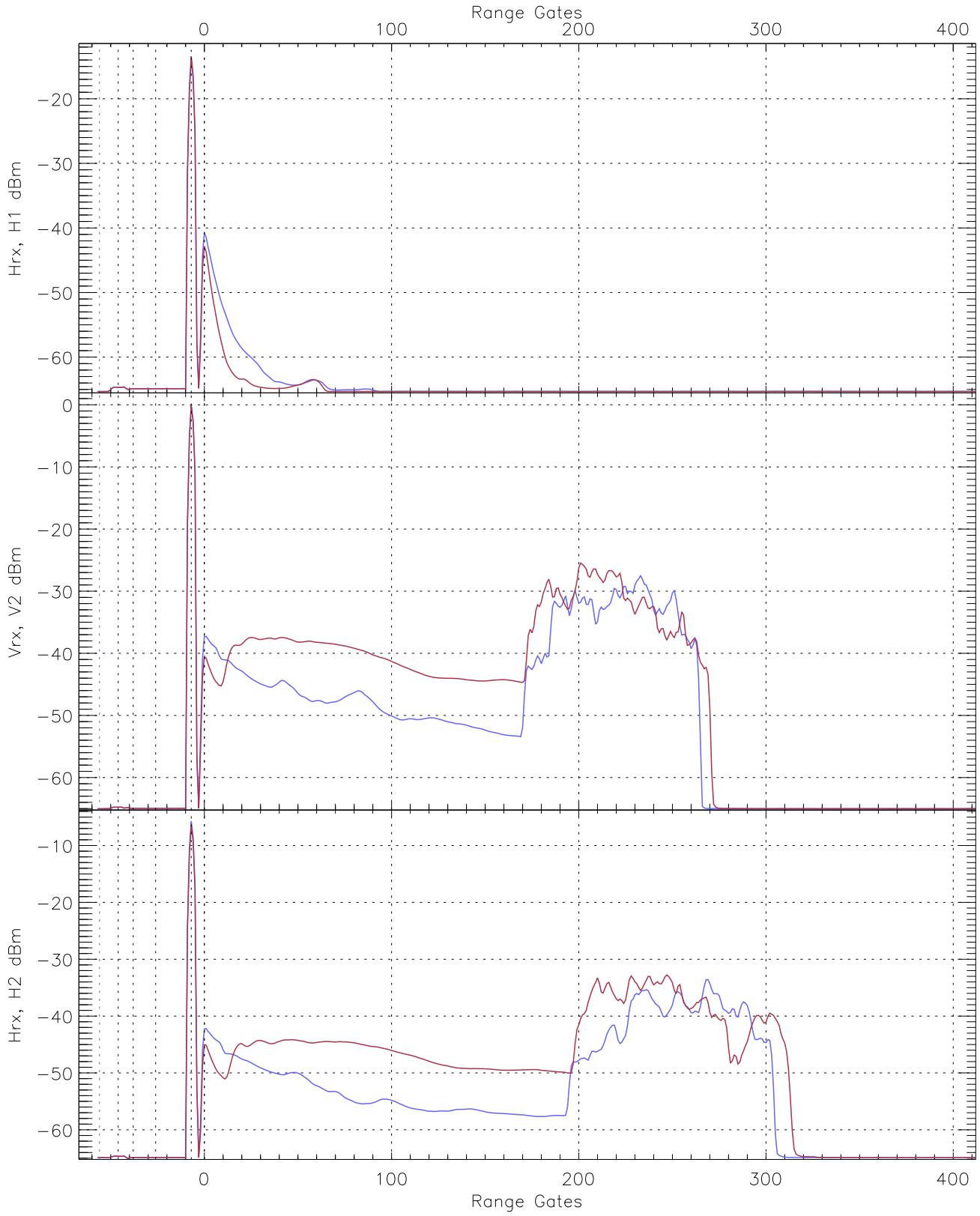
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.78	-64.28	-65.33	-65.33	-76.82
Vrx, V2(RM [dBm])	-66.19	-63.97	-65.03	-65.03	-76.58
Hrx, H2(RM [dBm])	-66.08	-63.82	-64.87	-64.87	-76.36

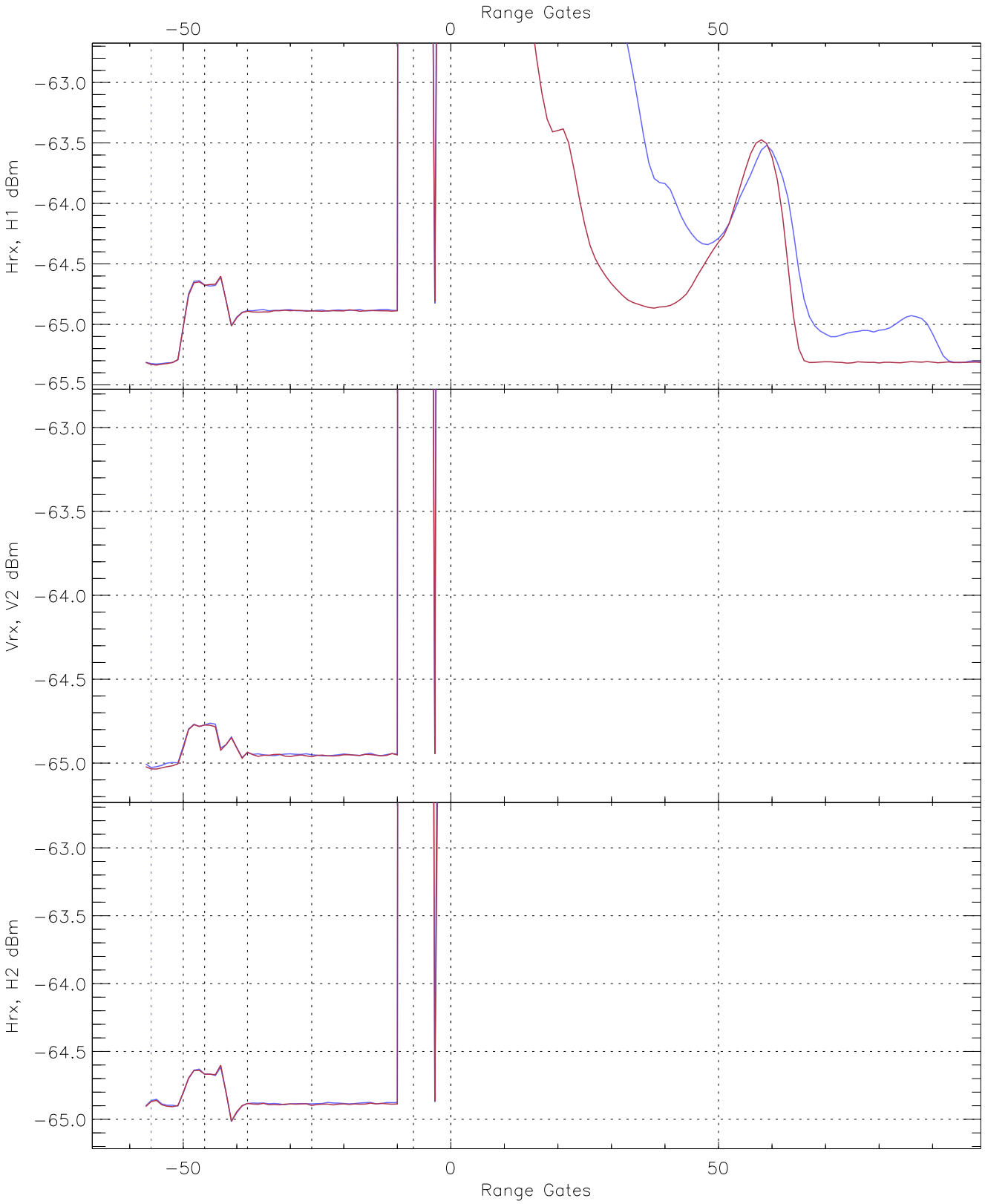


WCR3 CPP "Best" estimate Receivers Noise Power

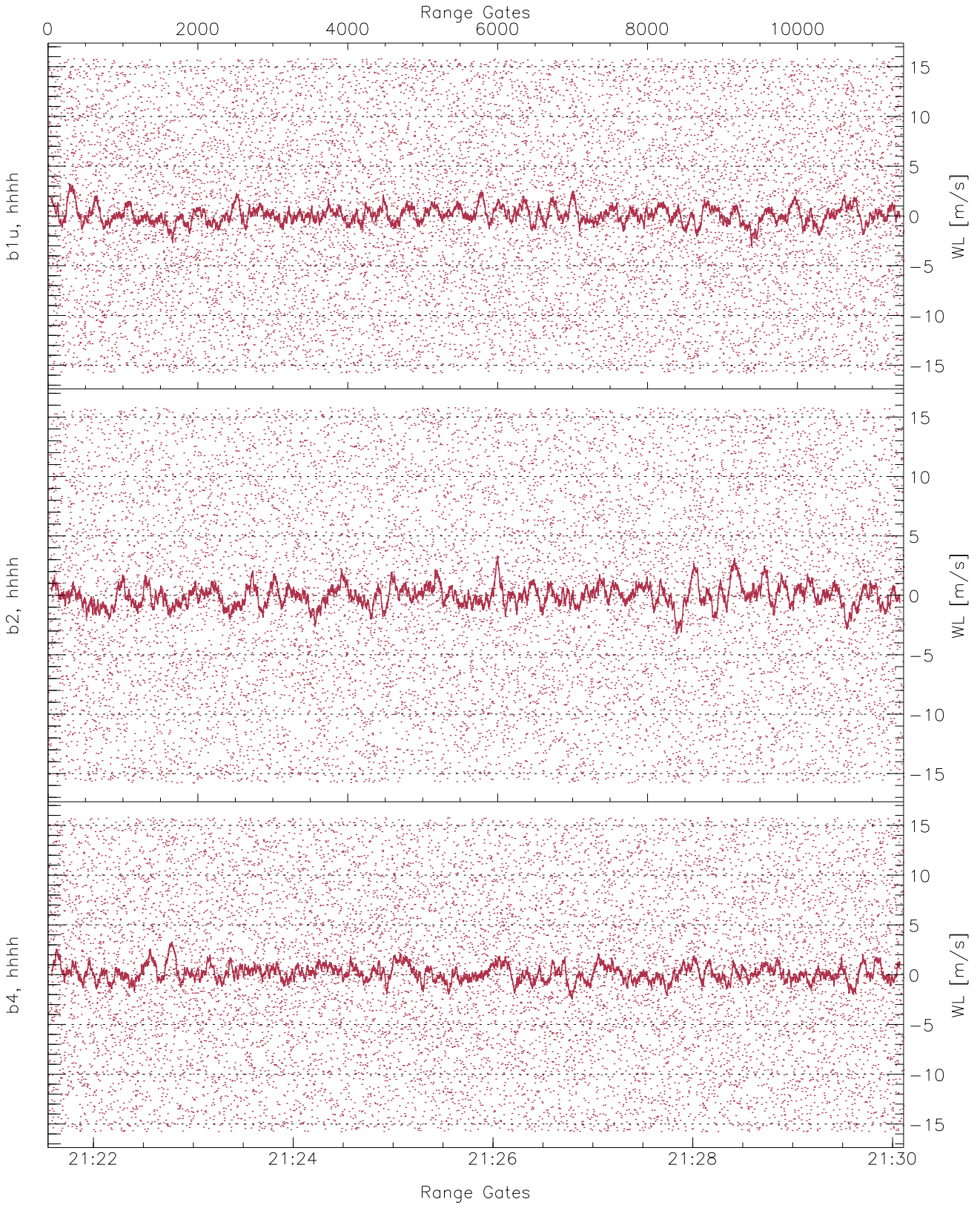
	Min	Max	Mean	Median	StDev
H1RG101_0 [dBm]	-66.45	-64.06	-65.33	-65.34	-76.85
V2RG331_0 [dBm]	-66.17	-63.93	-65.03	-65.04	-76.57
H2RG368_0 [dBm]	-66.19	-63.87	-64.91	-64.93	-76.40



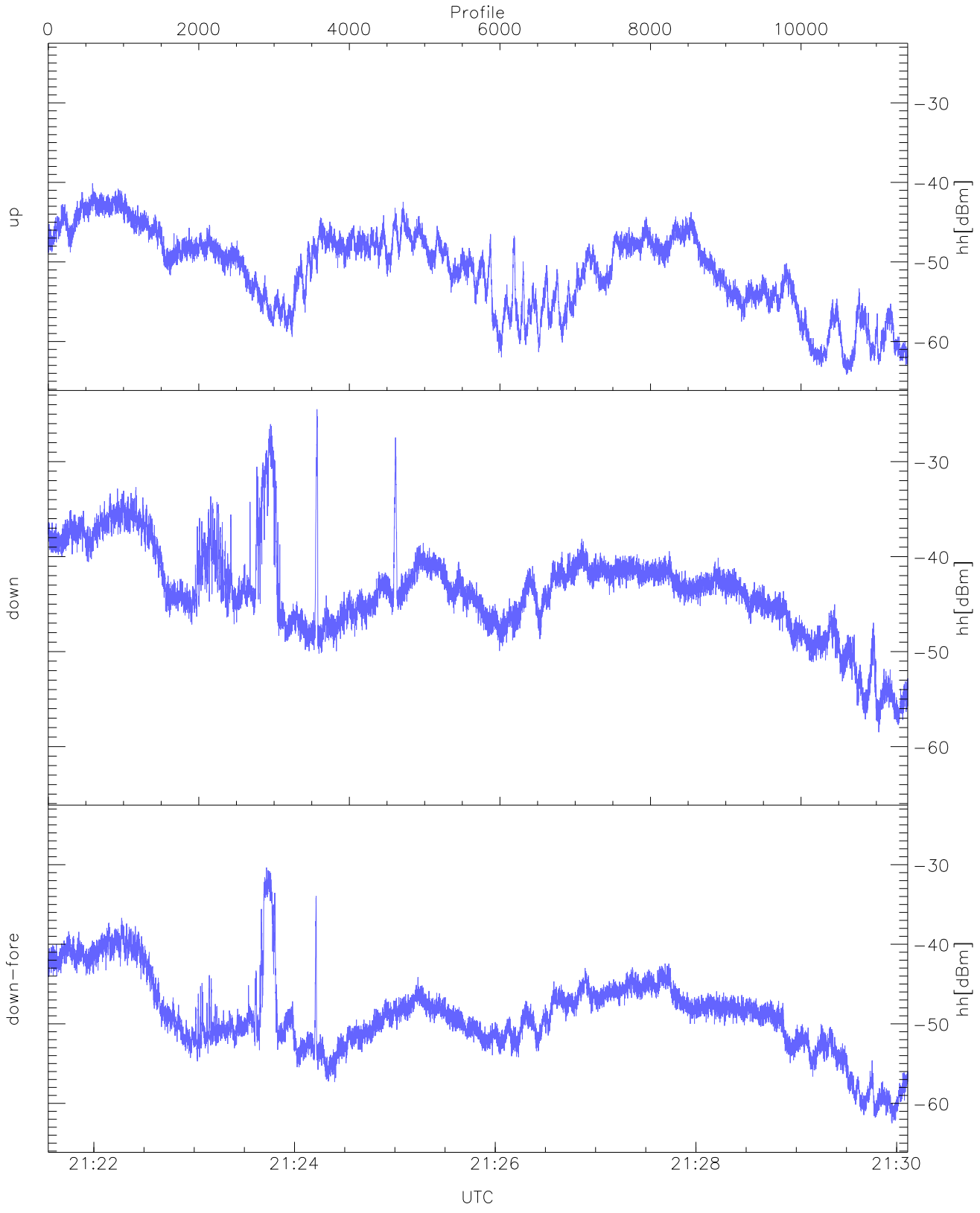
WCR3 CPP Averaged Received power for all recorded gates
blue: 212133-212550, 5710 profiles averaged
red: 212550-213007, 5709 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 212133-212550, 5710 profiles averaged
red: 212550-213007, 5709 profiles averaged

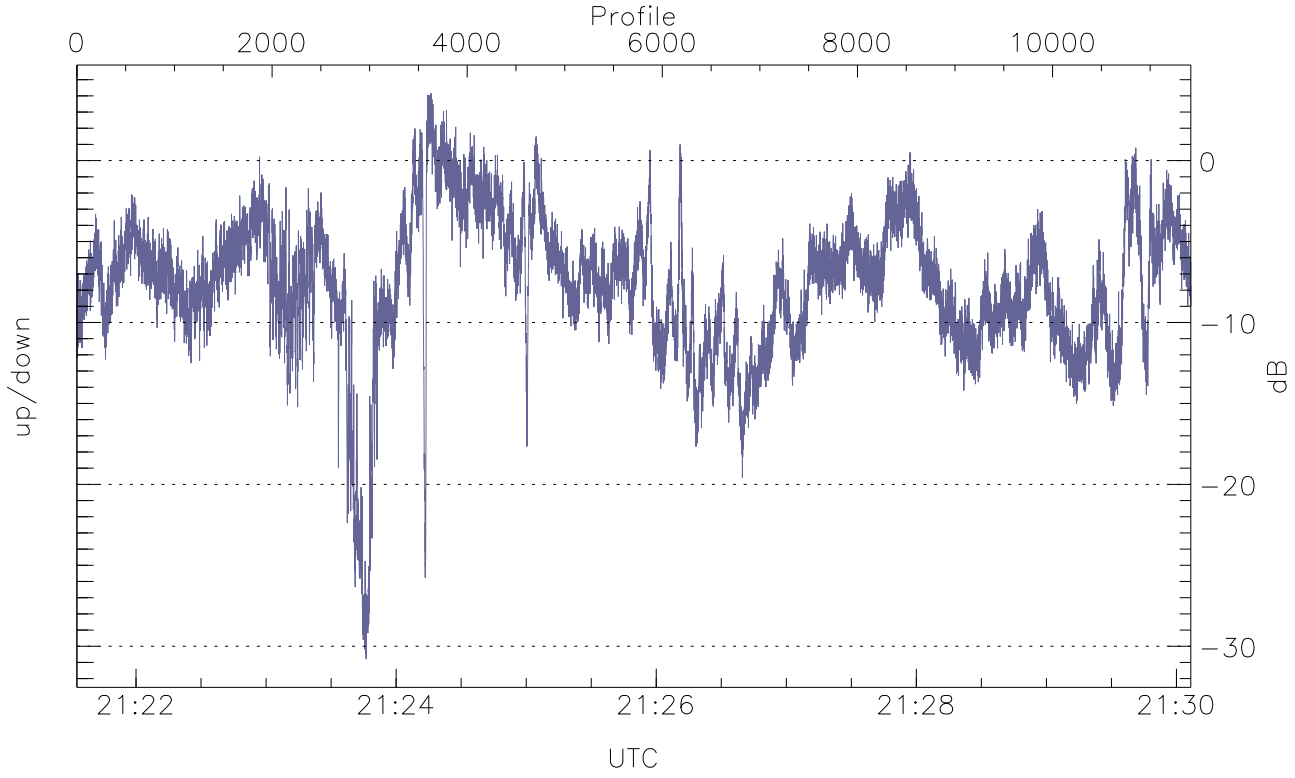


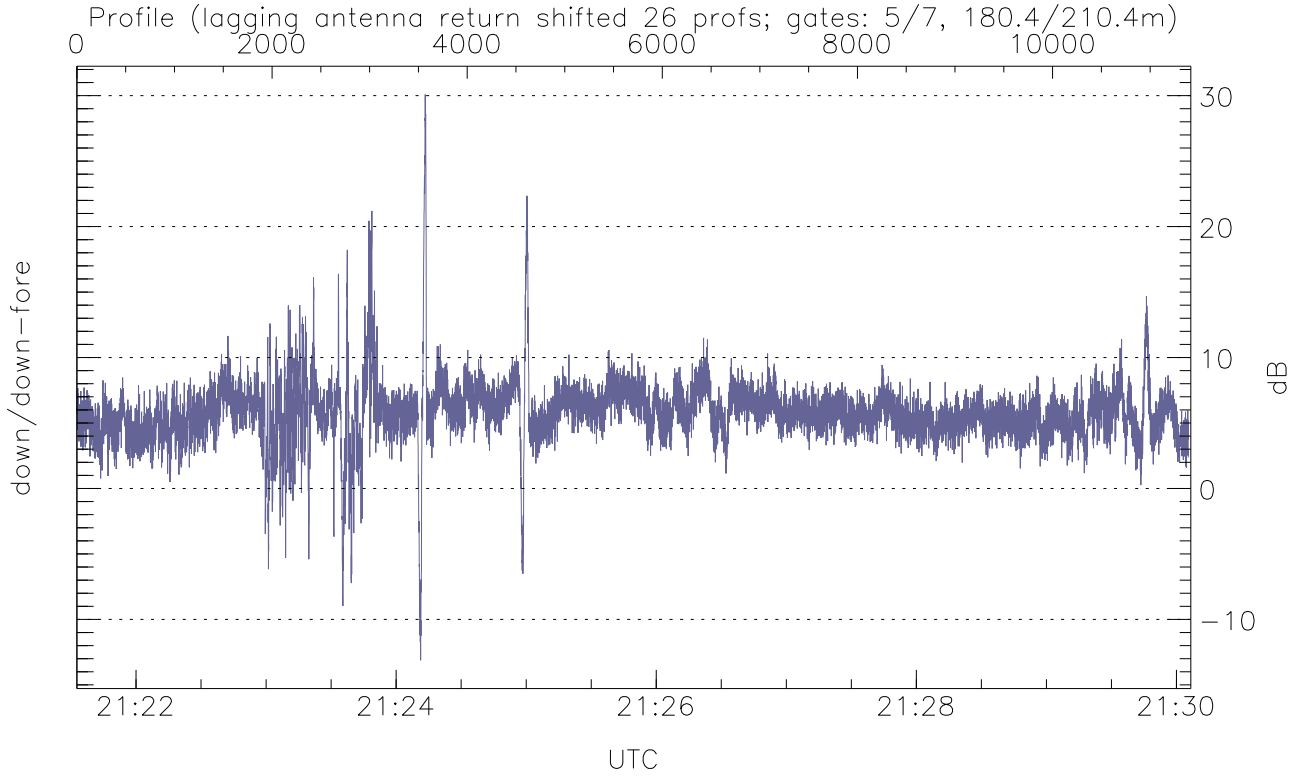
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

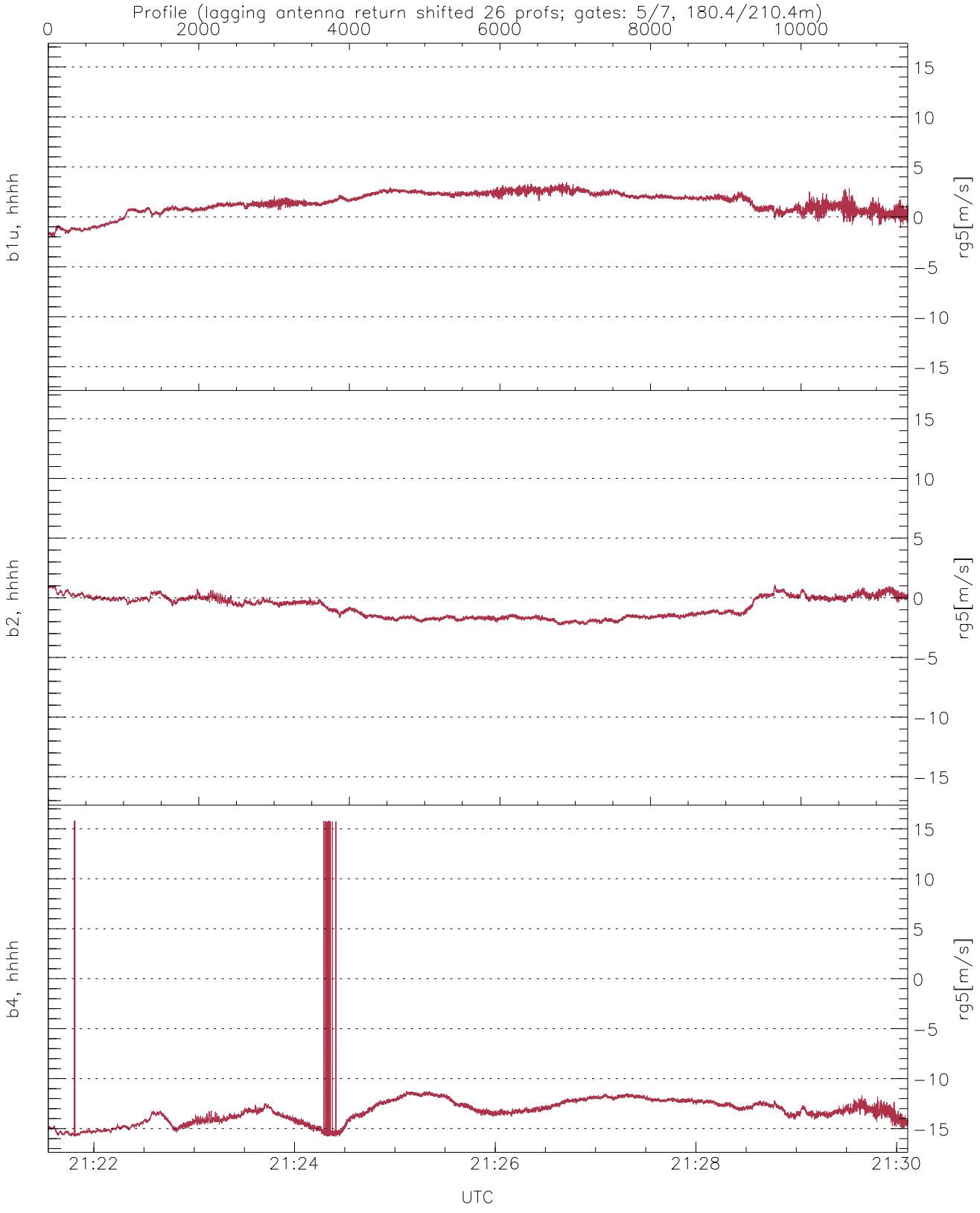
	Min	Max	Mean
up(hh[dBm])	-64.17	-40.12	-48.69
down(hh[dBm])	-58.49	-24.49	-40.68
down-fore(hh[dBm])	-62.50	-30.35	-45.58





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

	Min	Max	Mean
up/down(dB)	-30.79	4.16	-7.60
down/down-fore(dB)	-13.12	30.09	5.81



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.98	3.46	1.38	1.08
b2, hhhh(rg5[m/s])	-2.31	1.09	-0.79	0.87
b4, hhhh(rg5[m/s])	-15.79	15.78	-13.23	1.71