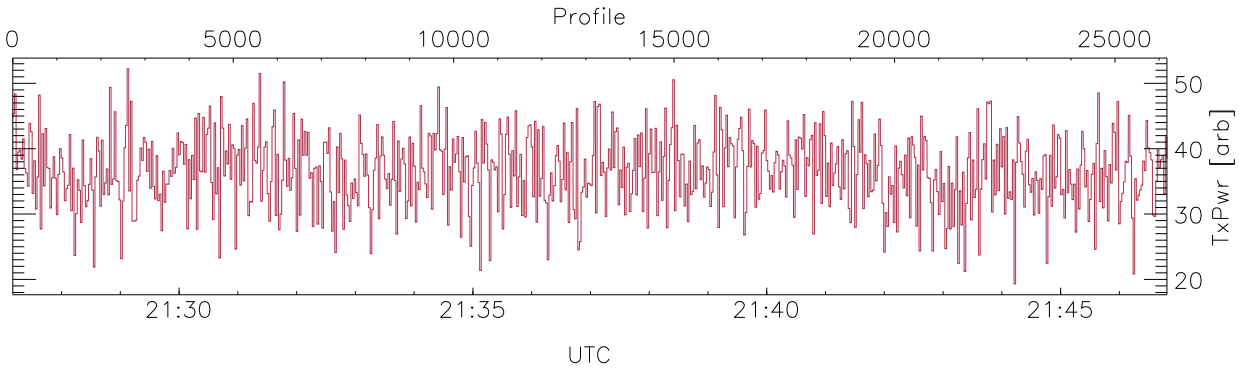
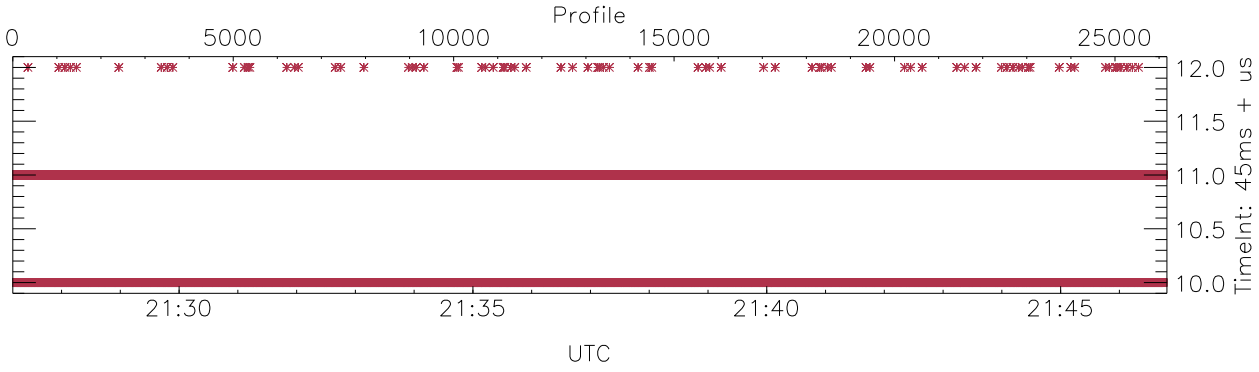
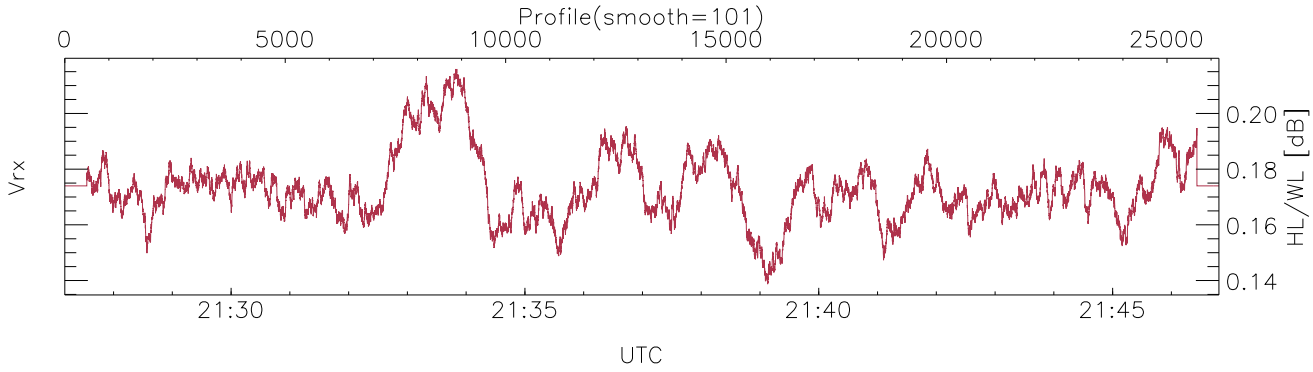
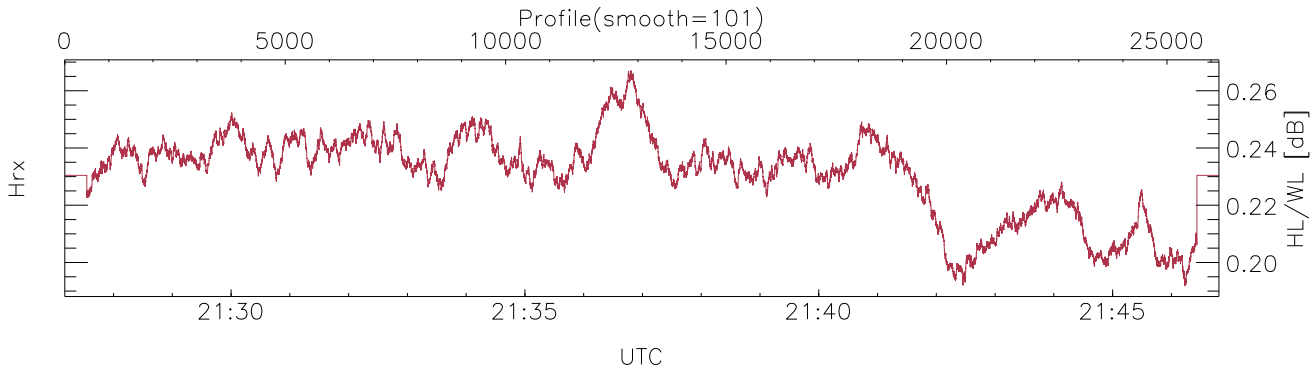


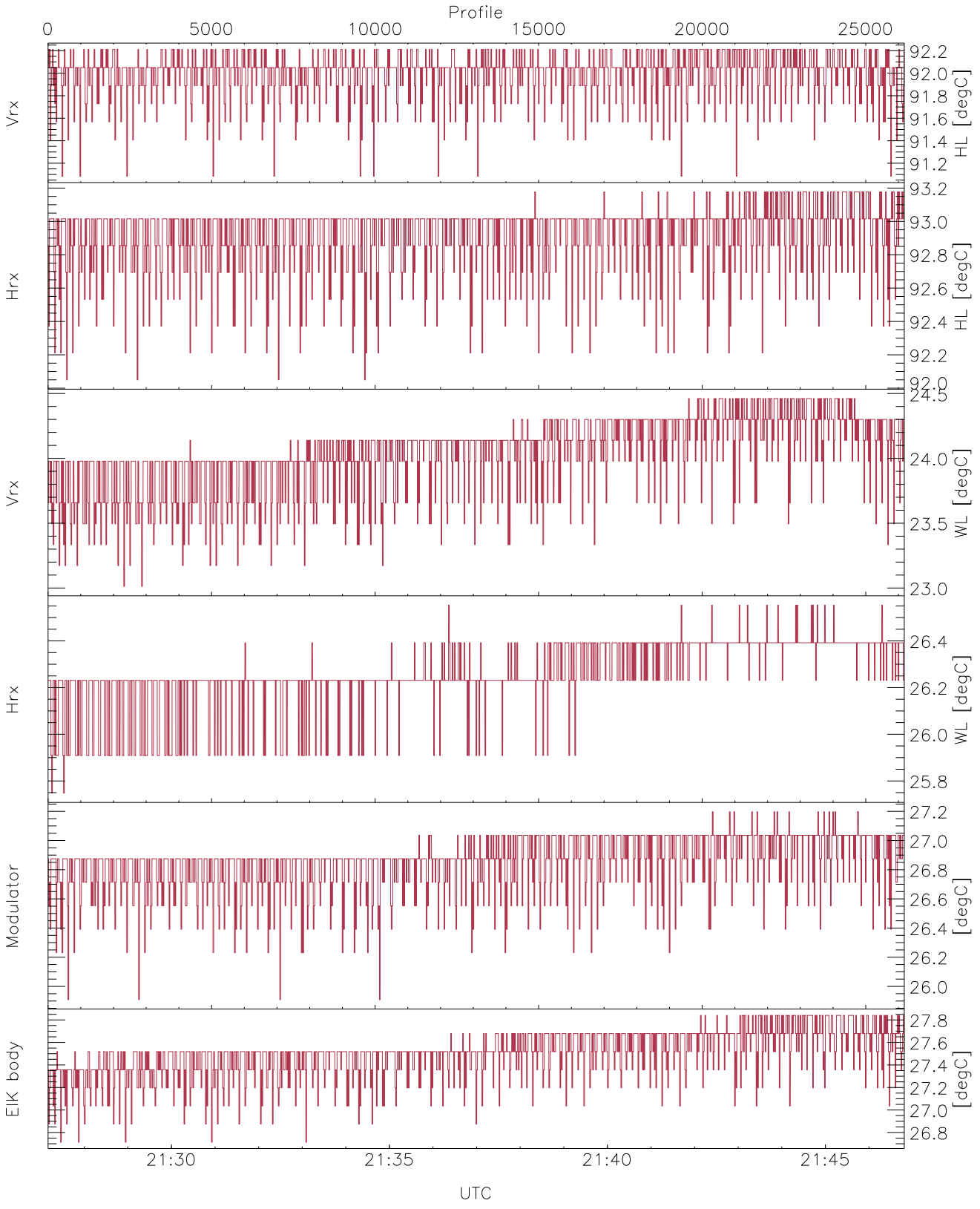






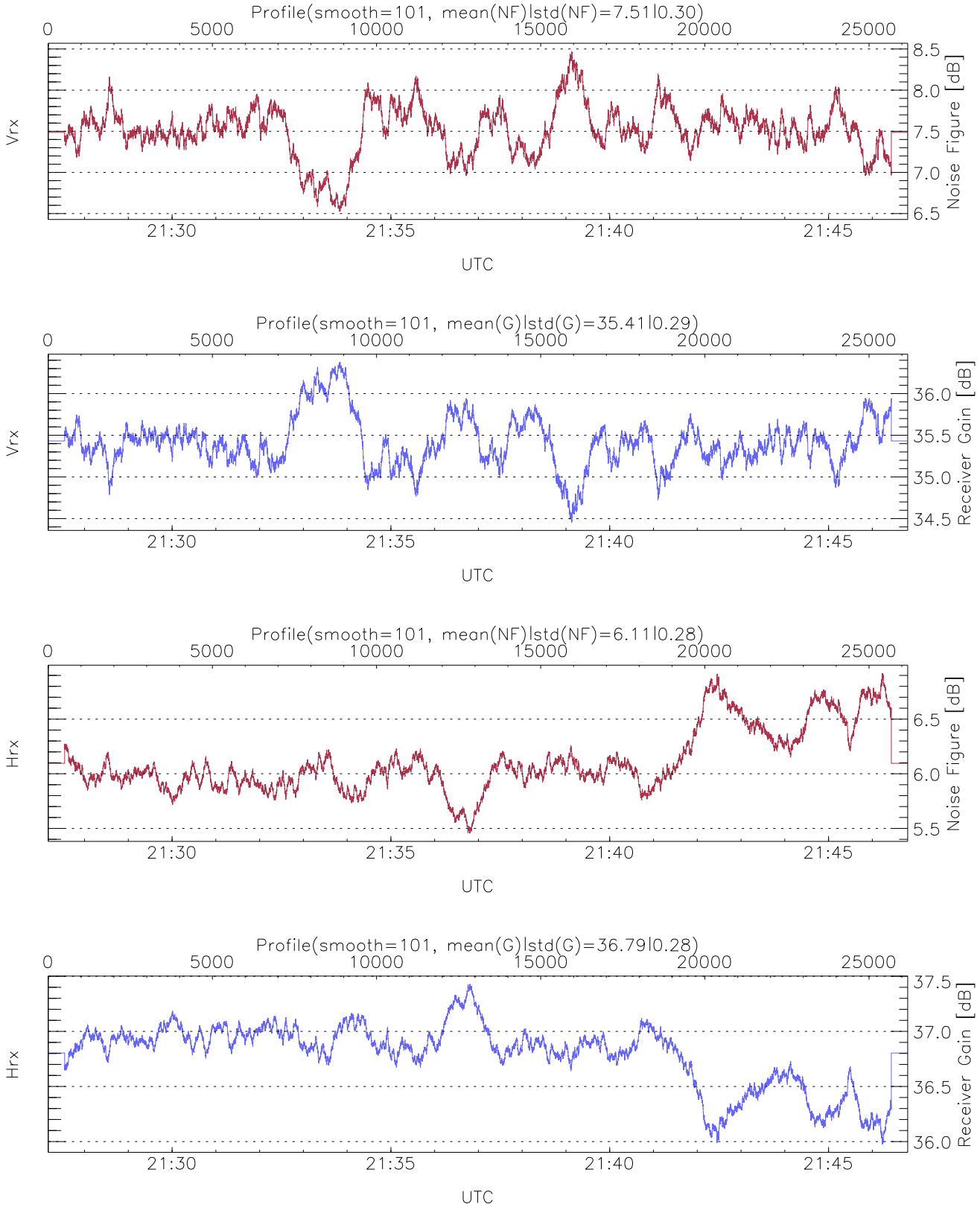
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:27:10-21:46:49, TimeCor: 0.00s, Dur: 1178.35s
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): 26180/26180, 0-26179/21:27:10-21:46:49
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



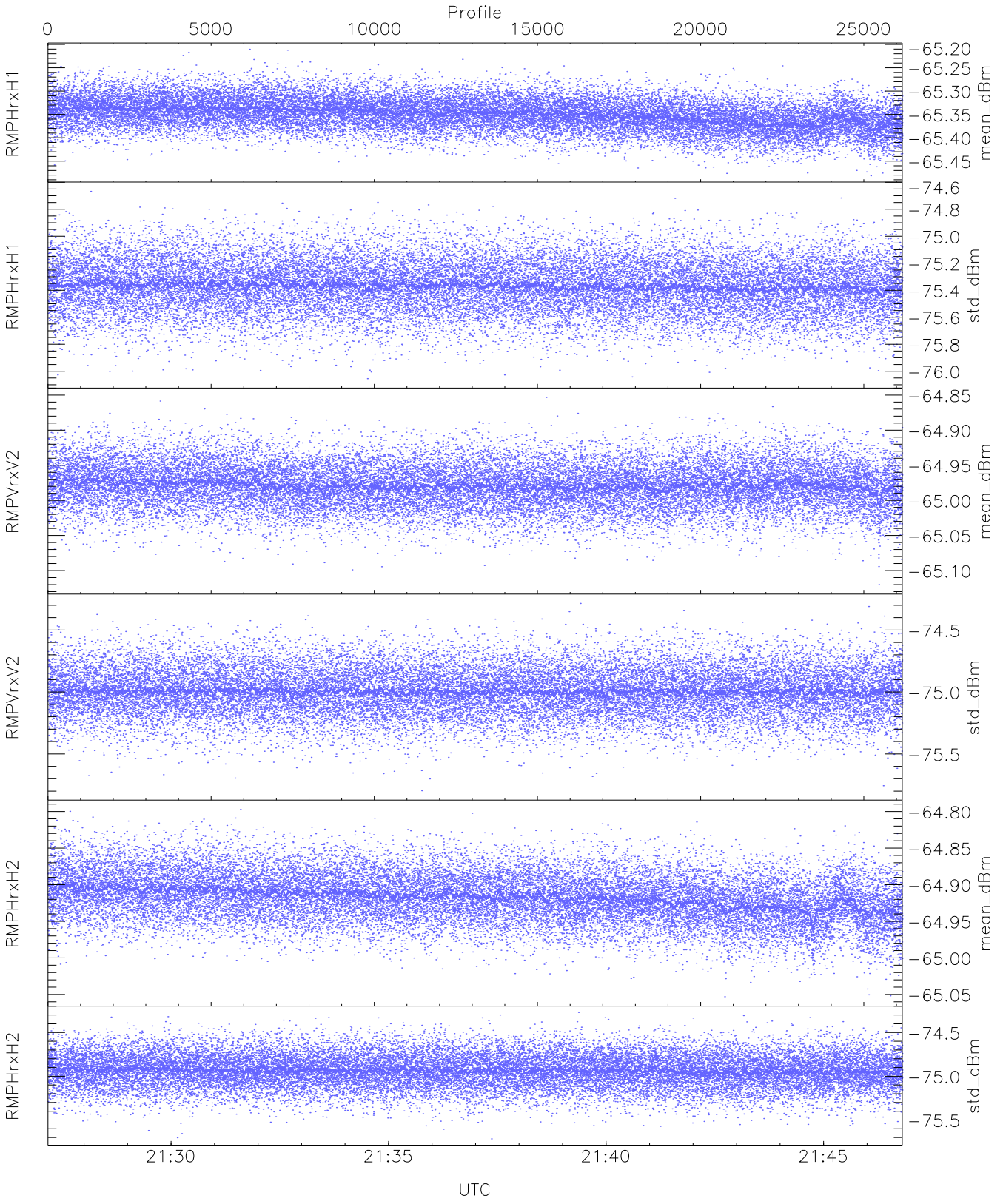
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,27,27
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (44,44,44,44,44,44)



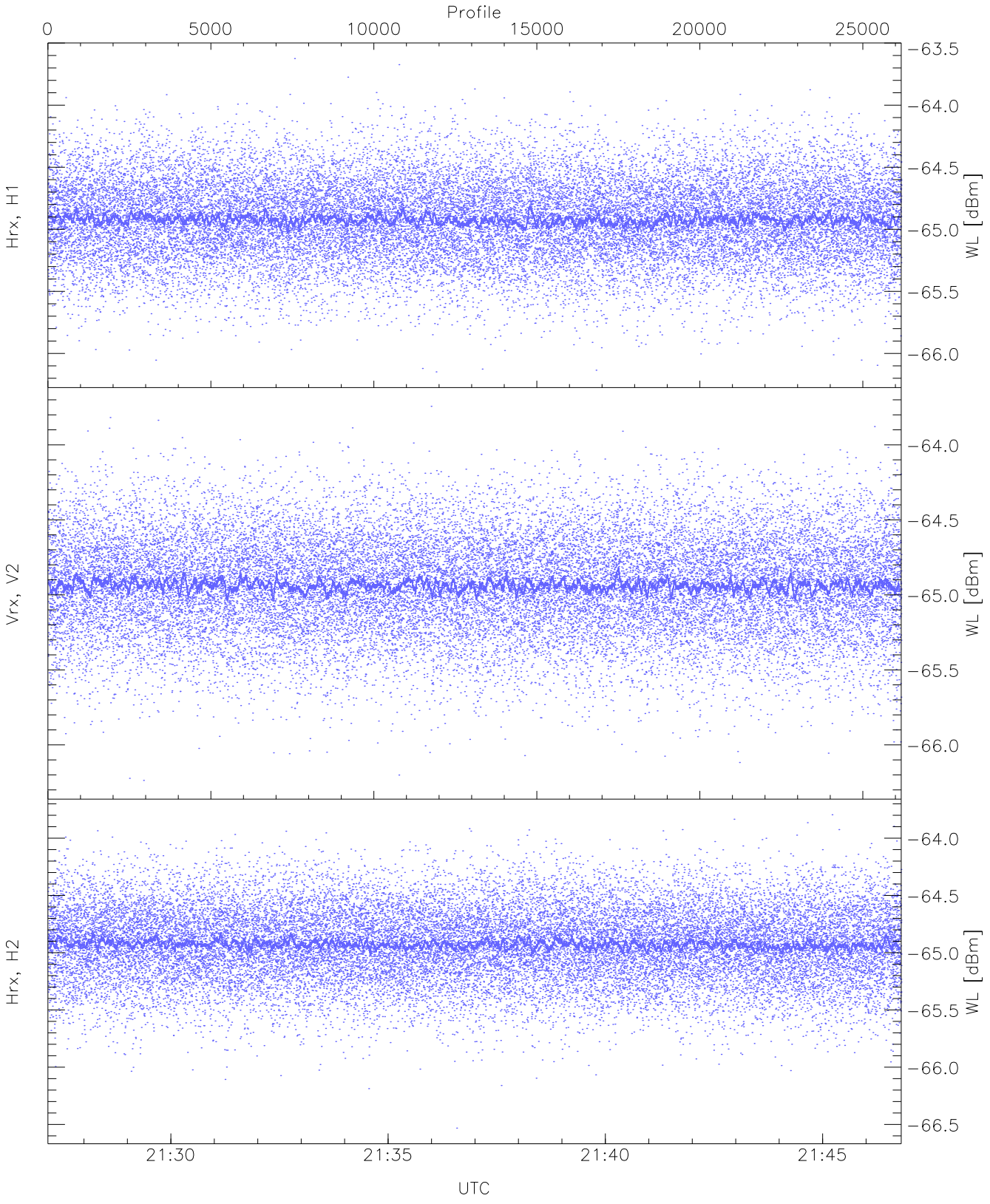
WCR3 CPP Receivers Gain and Noise Figure

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



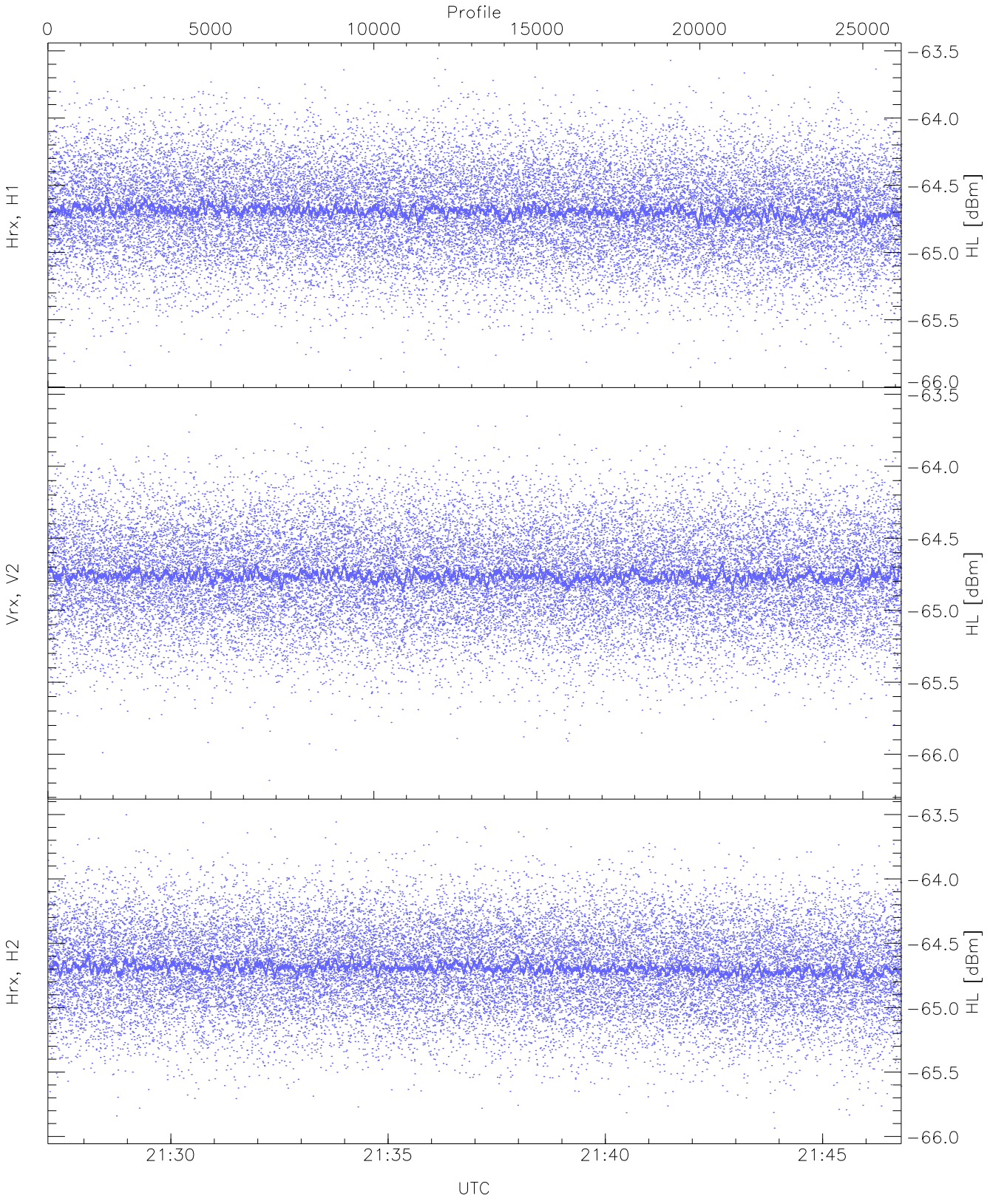
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.21	-65.35	-65.35	-86.60
RMPHrxH1(std_dBm)	-76.05	-74.67	-75.37	-75.37	-89.14
RMPVrxV2(mean_dBm)	-65.12	-64.85	-64.98	-64.98	-86.55
RMPVrxV2(std_dBm)	-75.80	-74.29	-74.99	-75.00	-88.79
RMPHrxH2(mean_dBm)	-65.05	-64.80	-64.92	-64.92	-86.24
RMPHrxH2(std_dBm)	-75.72	-74.27	-74.93	-74.94	-88.73



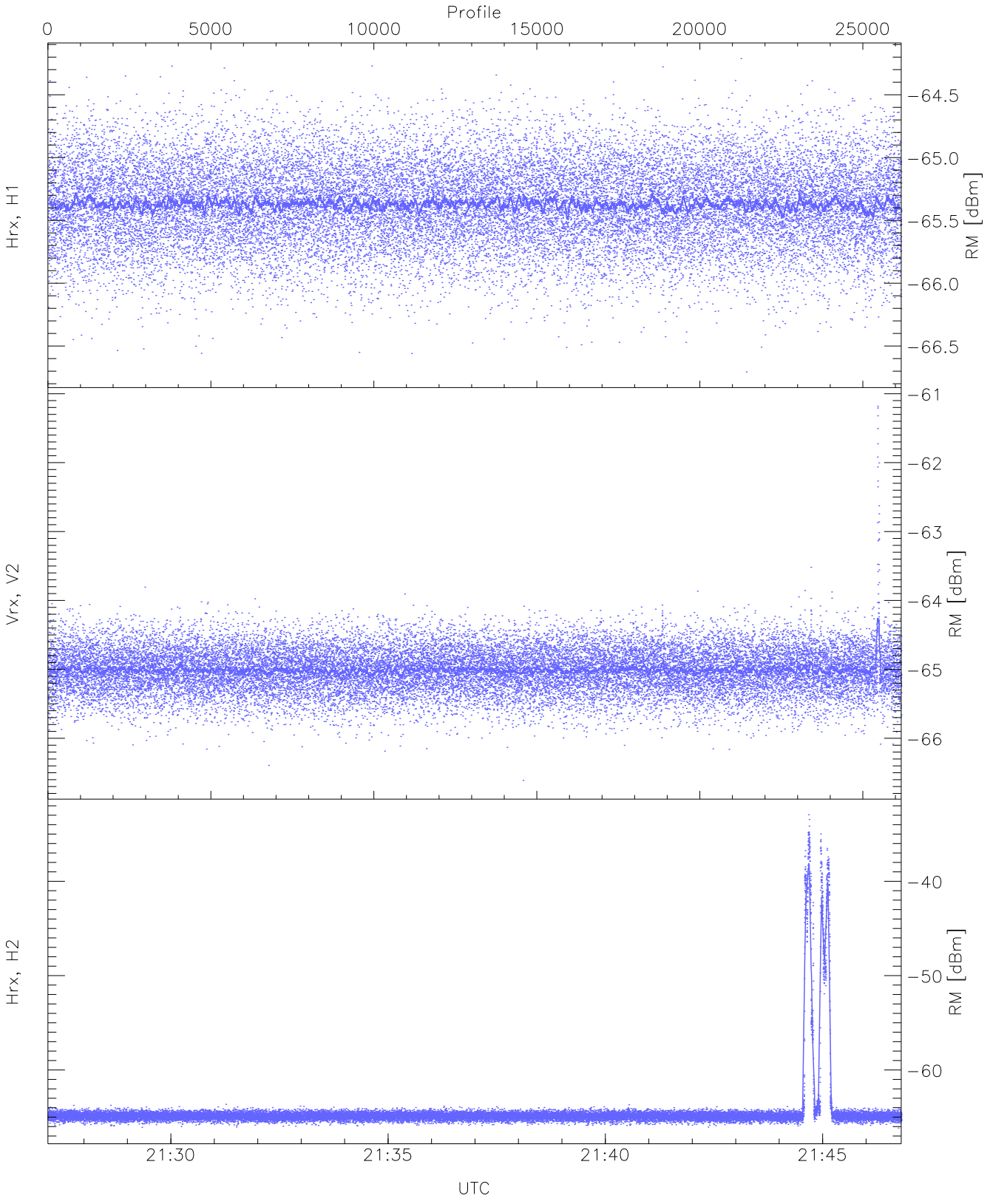
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.15	-63.62	-64.91	-64.92	-76.41
Vrx, V2(WL [dBm])	-66.24	-63.74	-64.93	-64.94	-76.44
Hrx, H2(WL [dBm])	-66.53	-63.80	-64.92	-64.93	-76.43



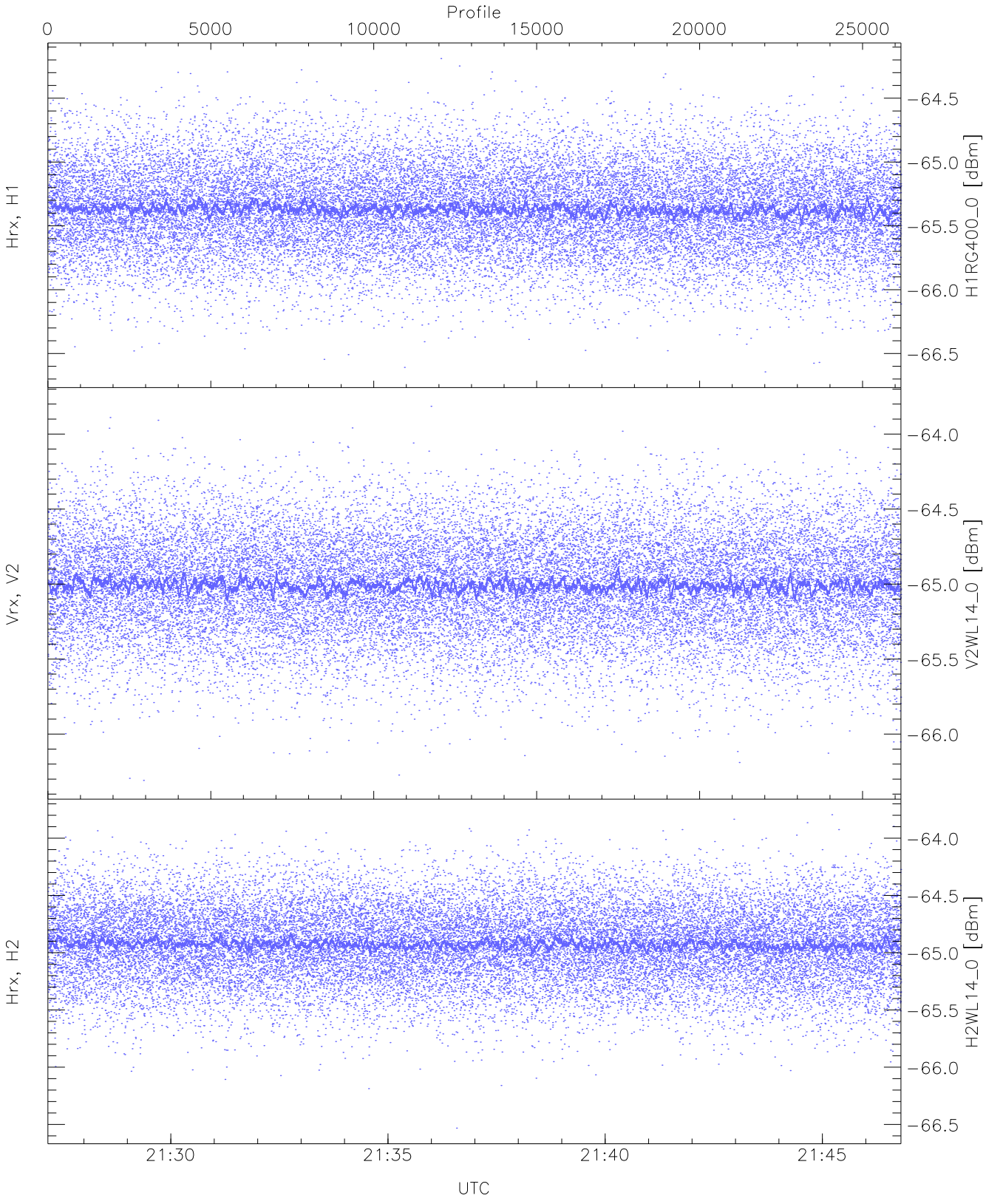
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.89	-63.56	-64.69	-64.69	-76.18
Vrx, V2(HL [dBm])	-66.18	-63.58	-64.75	-64.76	-76.26
Hrx, H2(HL [dBm])	-65.94	-63.50	-64.69	-64.69	-76.17



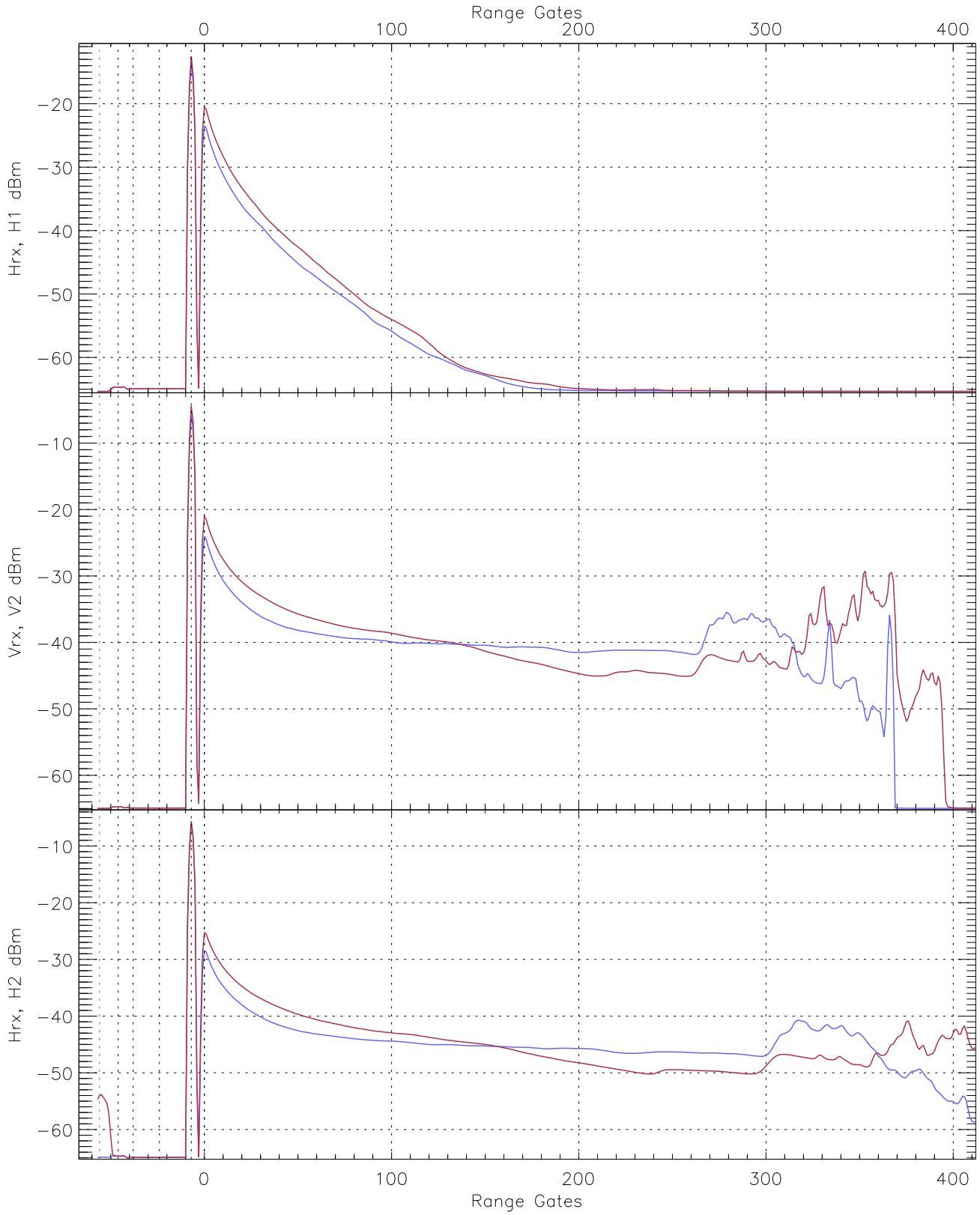
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.71	-64.21	-65.36	-65.37	-76.85
Vrx, V2(RM [dBm])	-66.61	-61.18	-65.00	-65.01	-76.24
Hrx, H2(RM [dBm])	-66.16	-32.95	-56.71	-64.89	-47.71

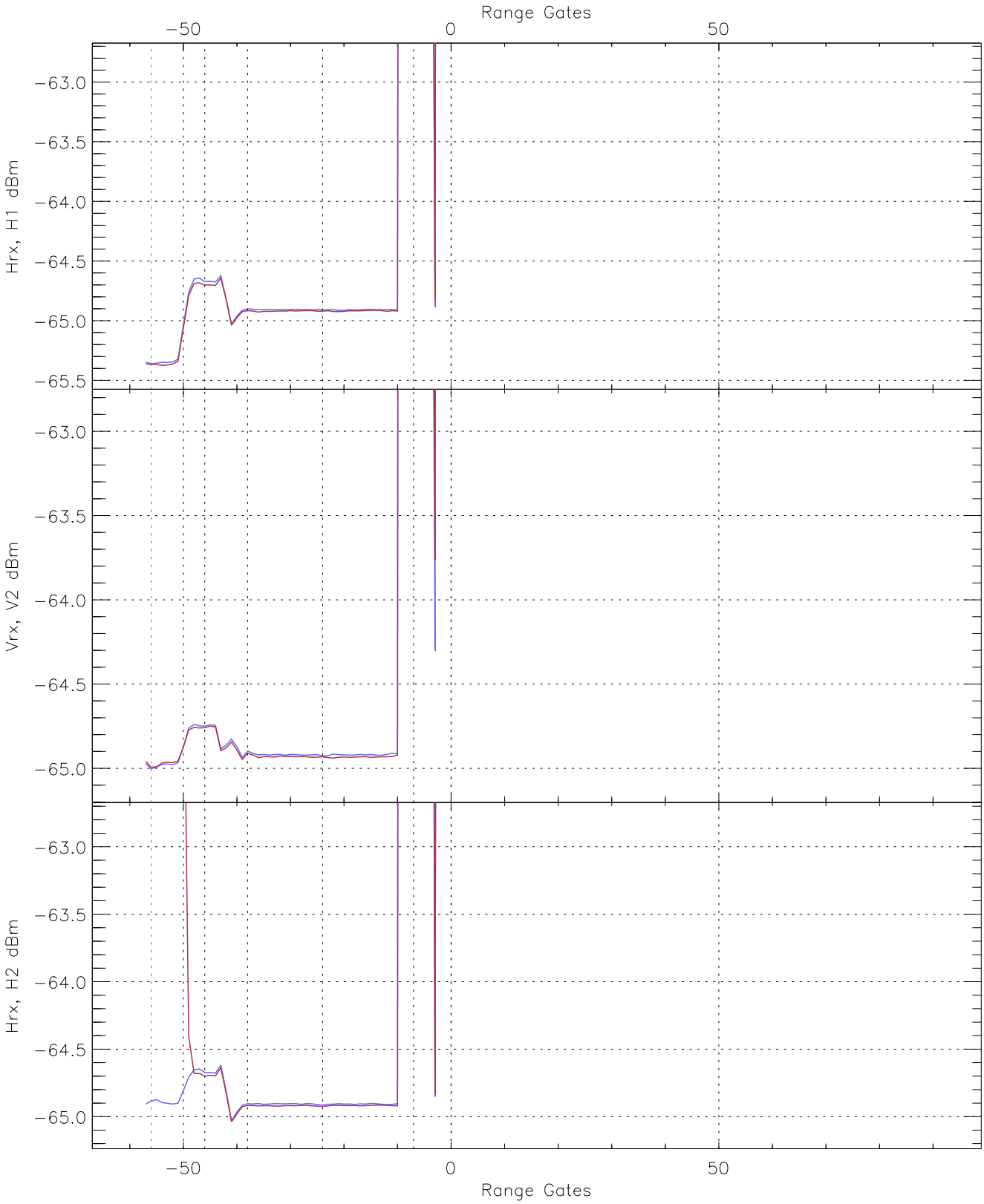


WCR3 CPP "Best" estimate Receivers Noise Power

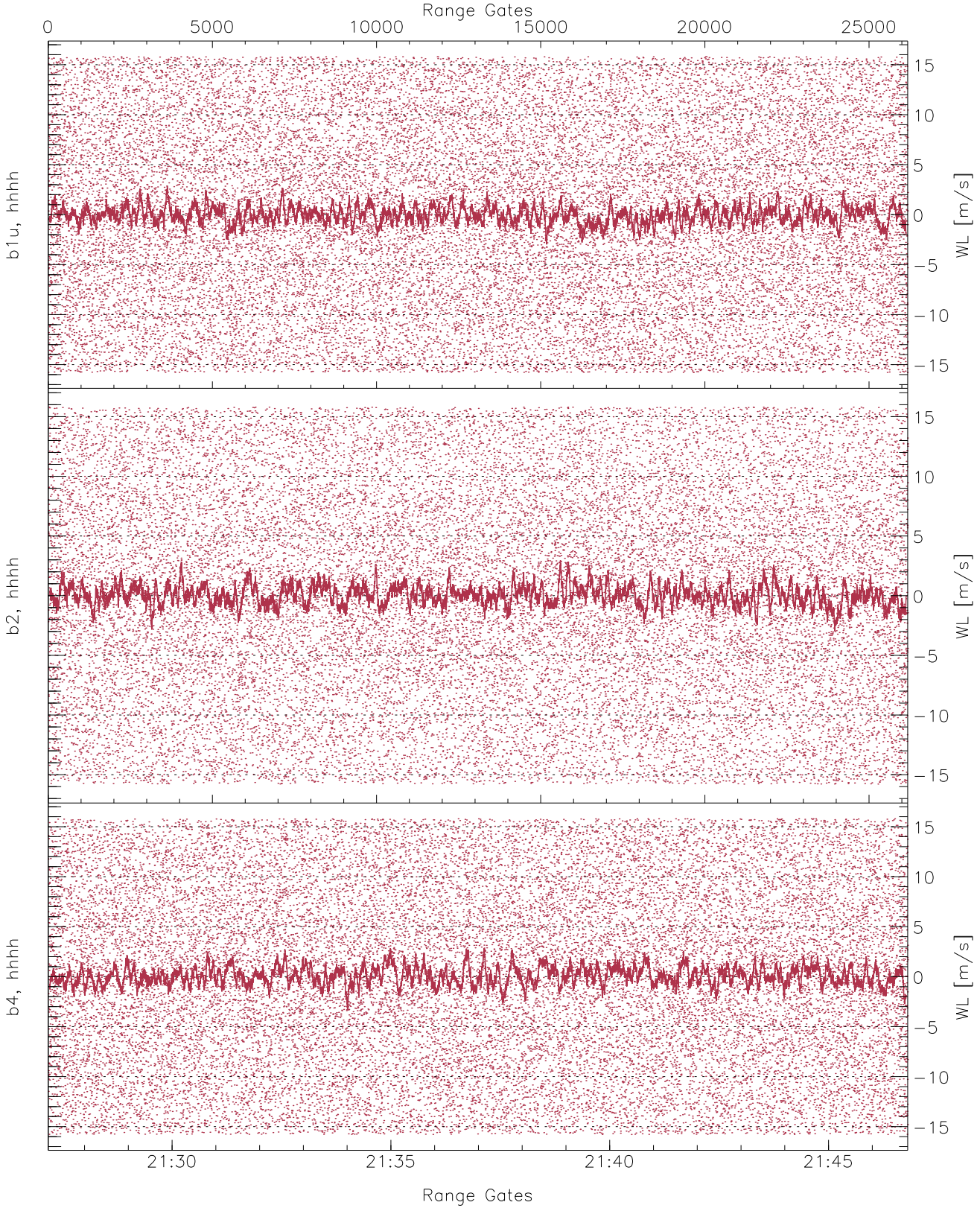
	Min	Max	Mean	Median	StDev
H1RG400_0 [dBm]	-66.64	-64.19	-65.36	-65.37	-76.85
V2WL14_0 [dBm]	-66.31	-63.81	-65.00	-65.01	-76.51
H2WL14_0 [dBm]	-66.53	-63.80	-64.92	-64.93	-76.43



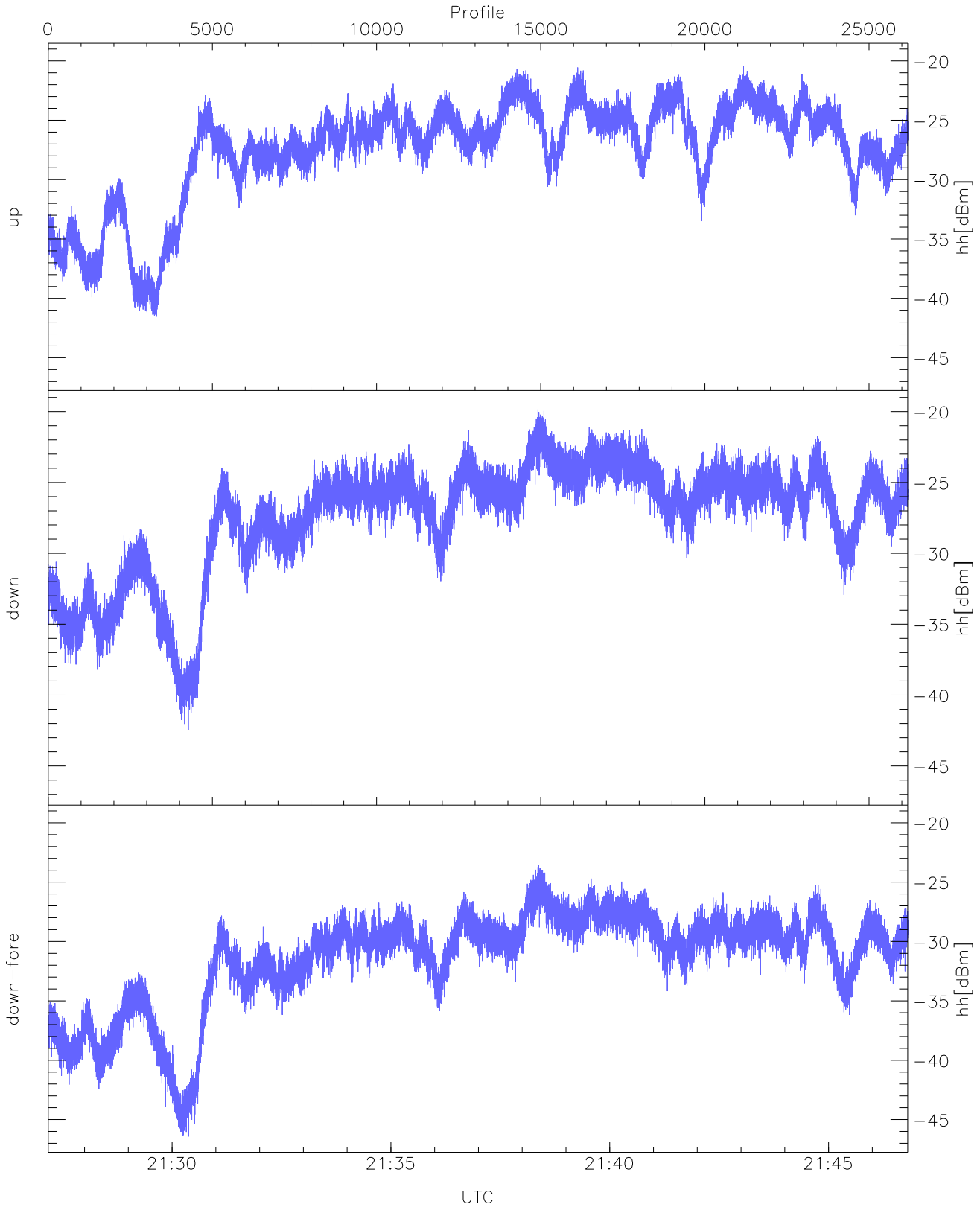
WCR3 CPP Averaged Received power for all recorded gates
blue: 212710-213659, 13091 profiles averaged
red: 213659-214649, 13090 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 212710-213659, 13091 profiles averaged
red: 213659-214649, 13090 profiles averaged

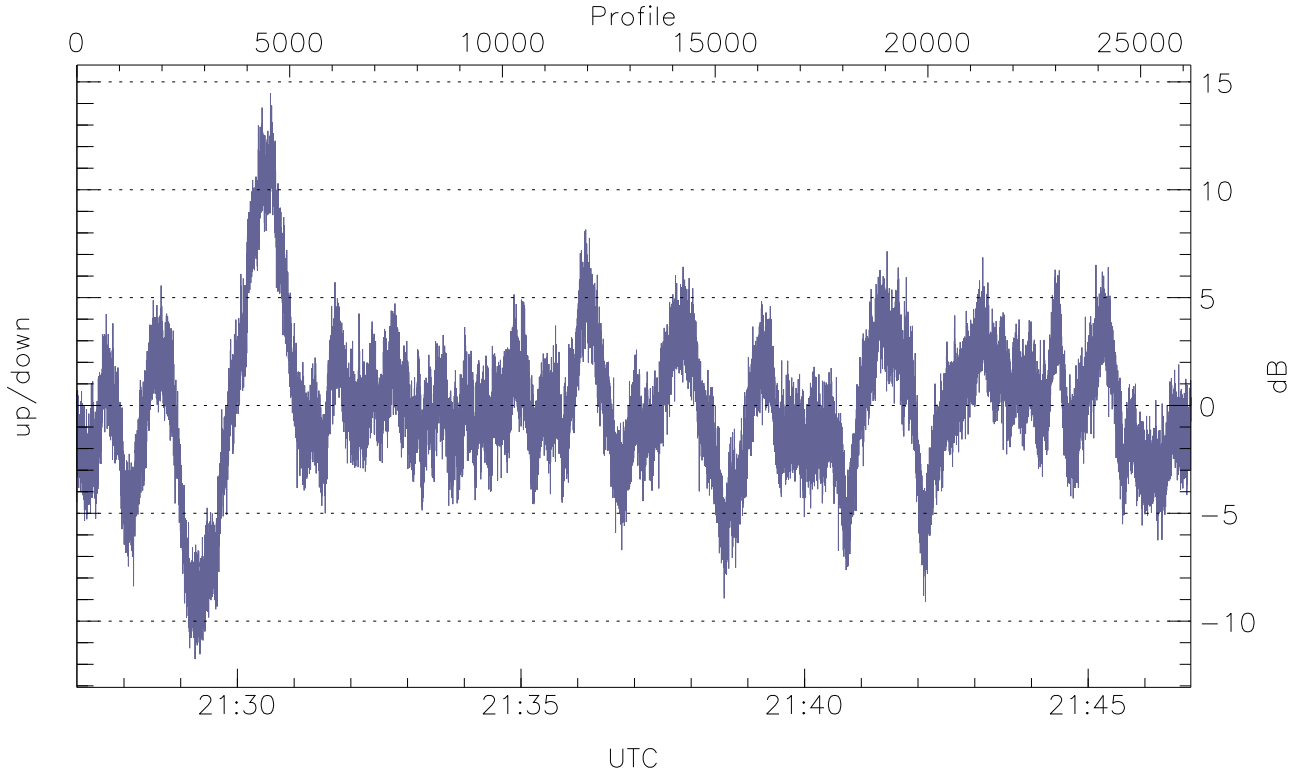


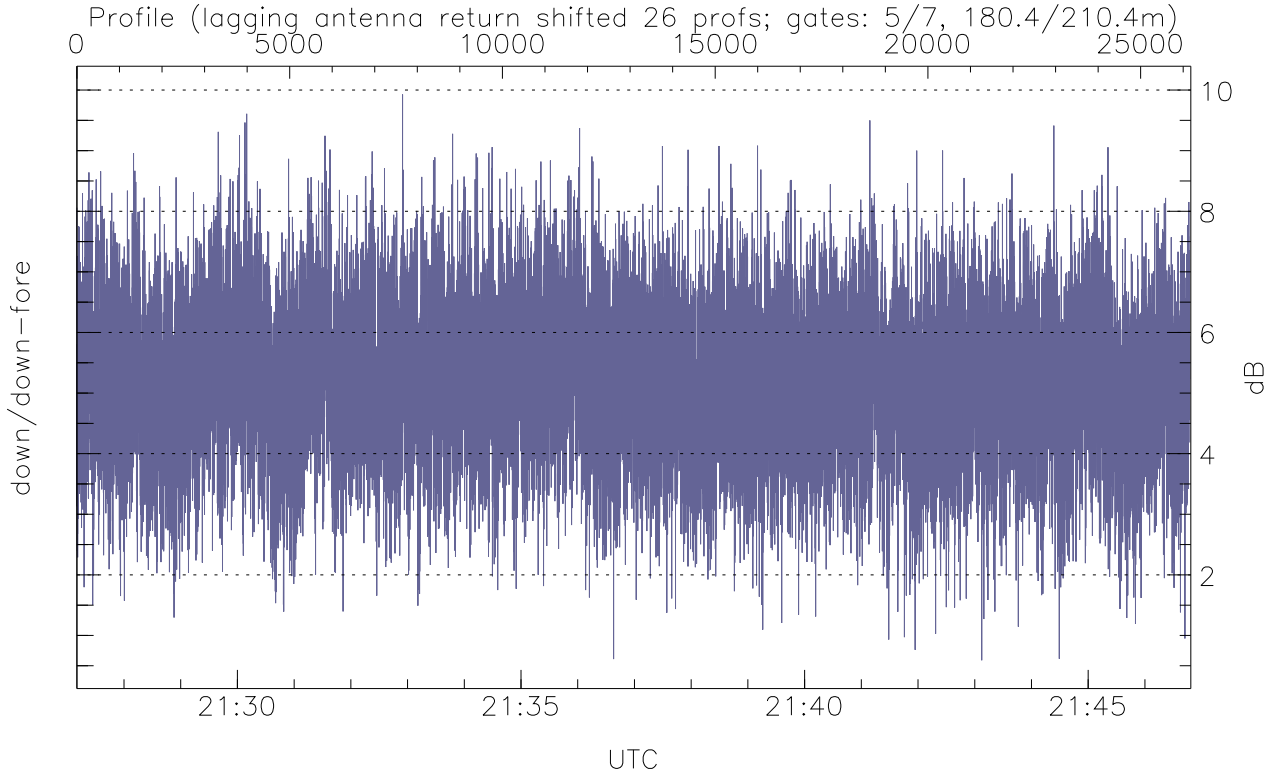
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

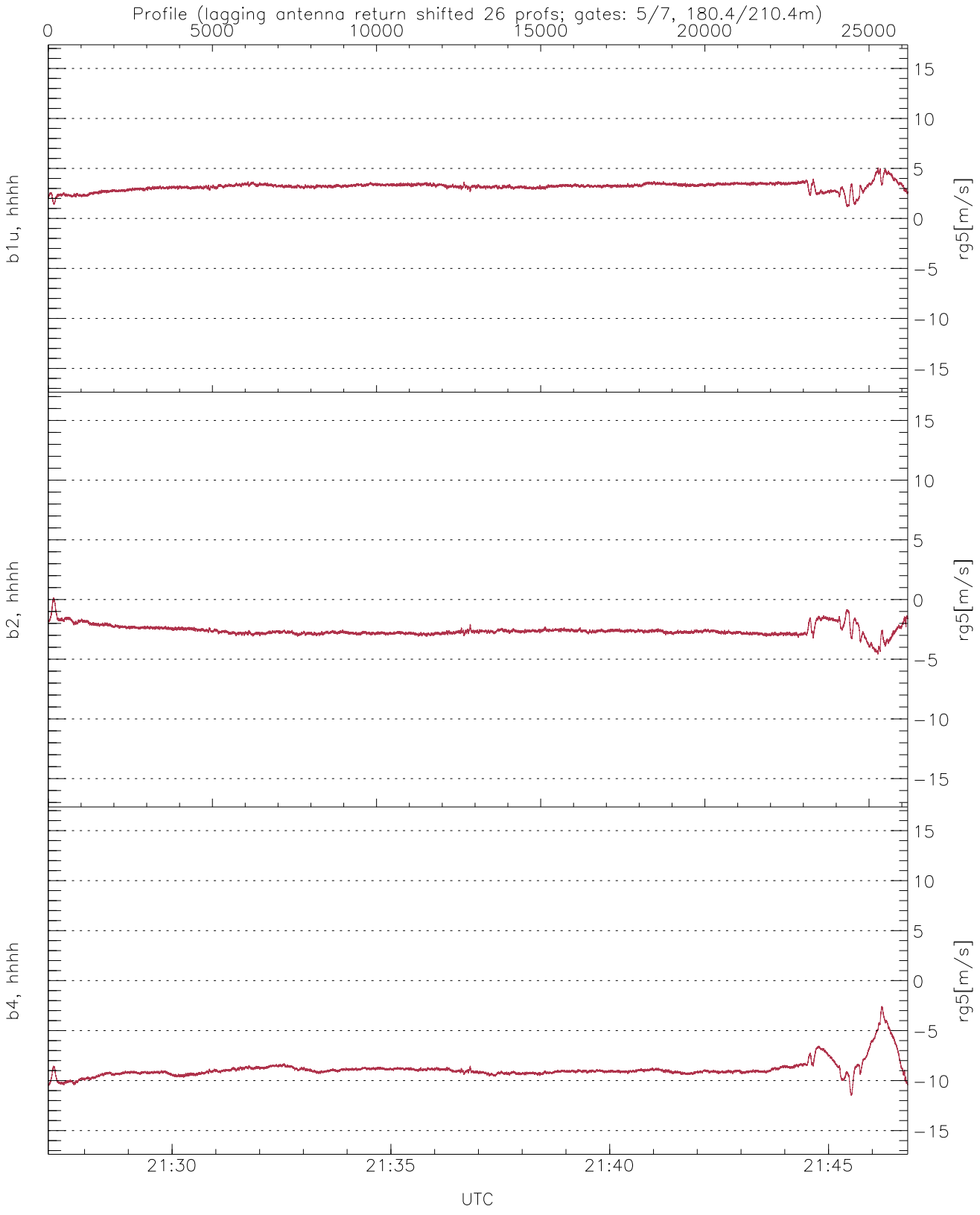
	Min	Max	Mean
up(hh[dBm])	-41.56	-20.45	-26.05
down(hh[dBm])	-42.45	-19.84	-26.10
down-fore(hh[dBm])	-46.43	-23.54	-30.08





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

	Min	Max	Mean
up/down(dB)	-11.76	14.47	-0.09
down/down-fore(dB)	0.59	9.93	5.18



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.14	5.09	3.18	0.41
b2, hhhh(rg5[m/s])	-4.60	0.14	-2.60	0.44
b4, hhhh(rg5[m/s])	-11.51	-2.57	-8.89	0.89