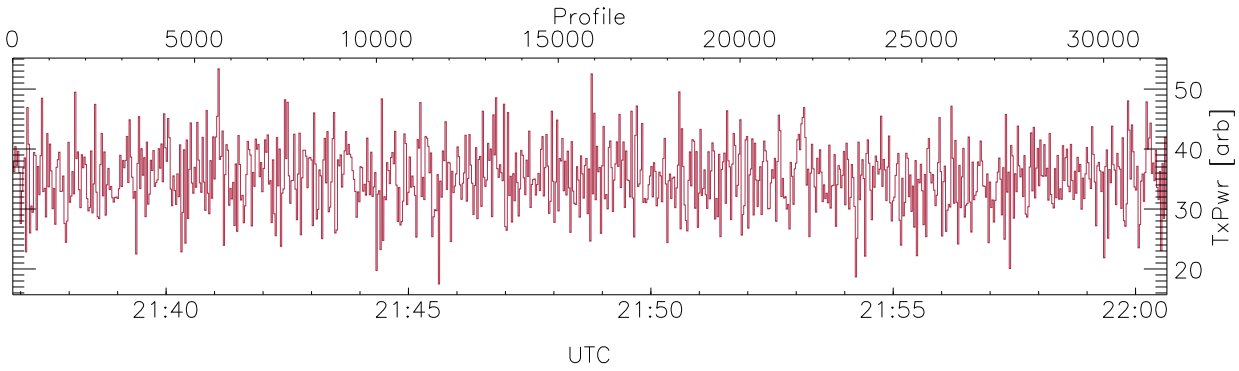
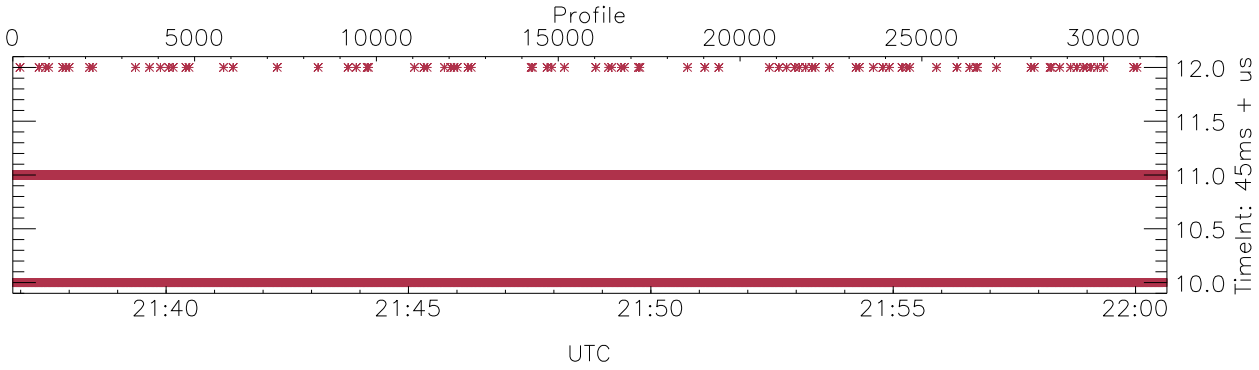
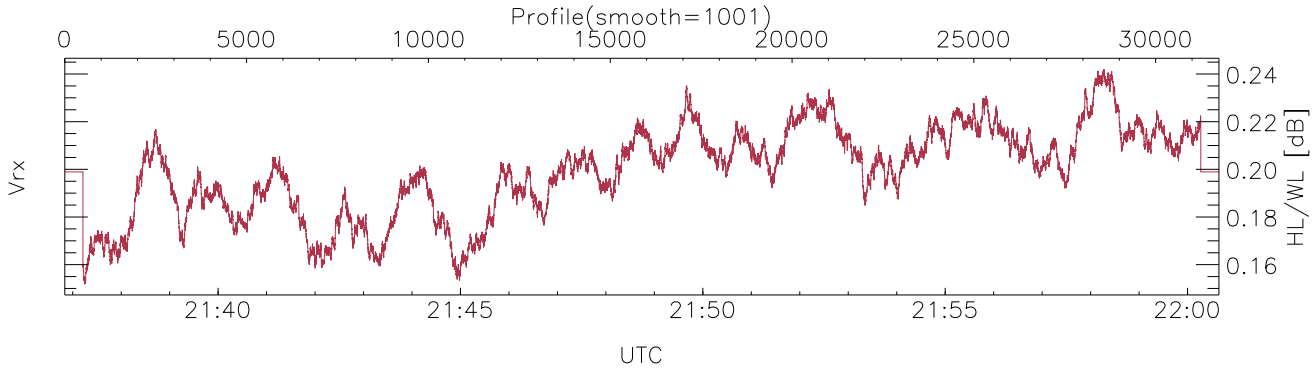
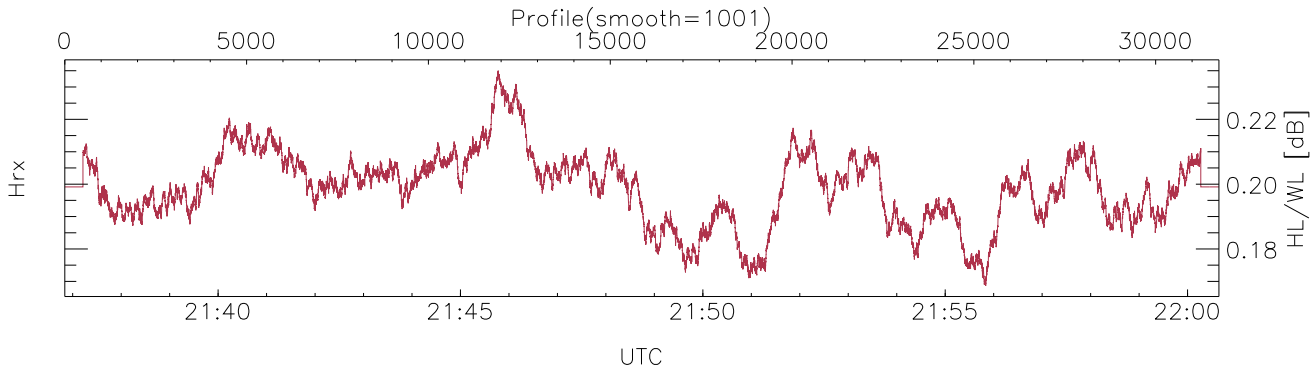


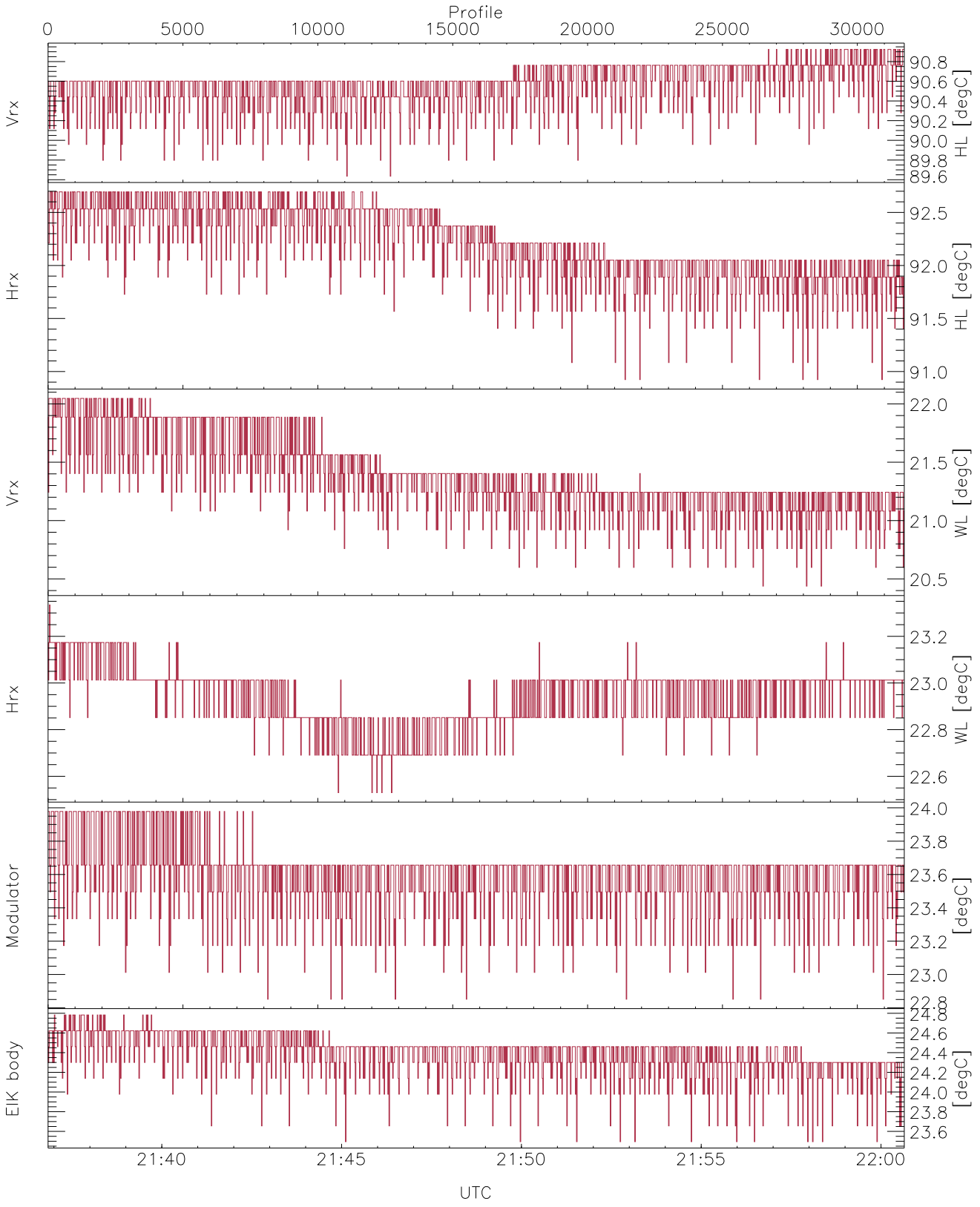






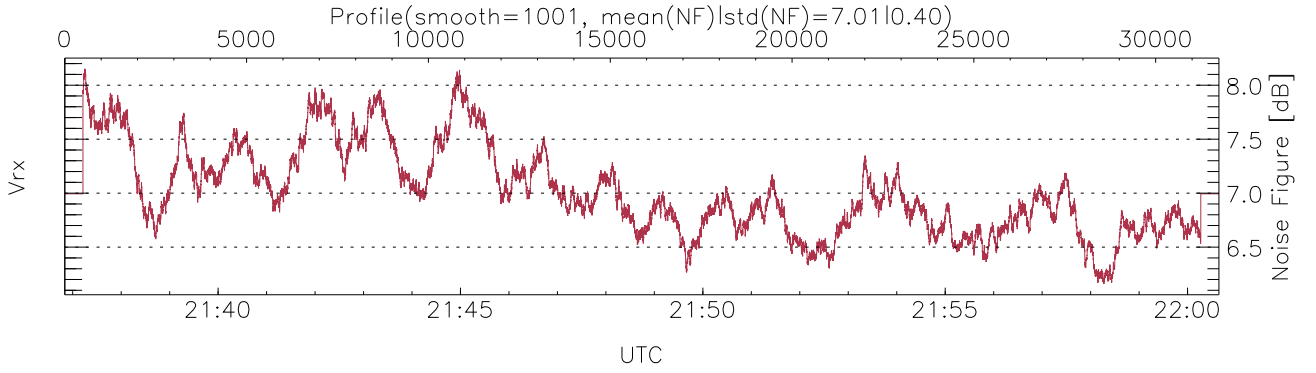
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

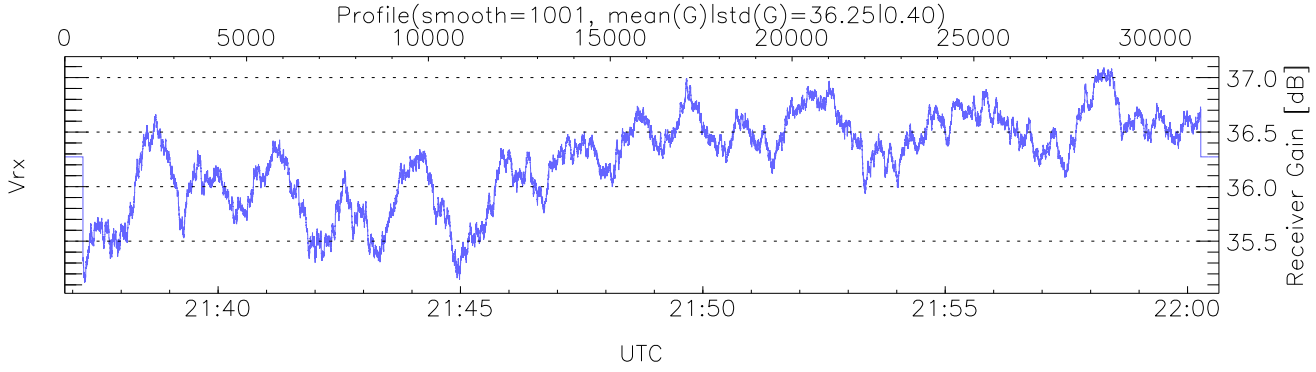
UTC: 21:36:50-22:00:39, TimeCor: 0.00s, Dur: 1428.66s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 31741/31741, 0-31740/21:36:50-22:00:39
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

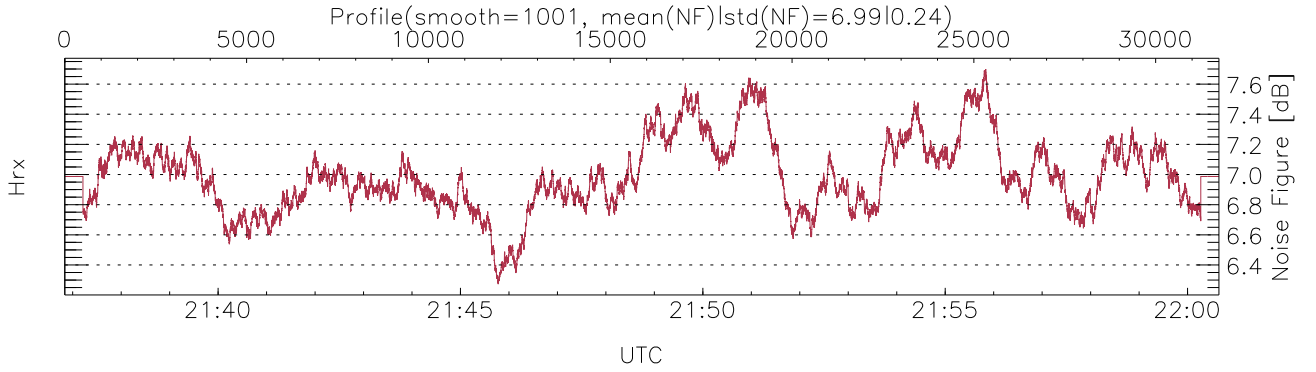


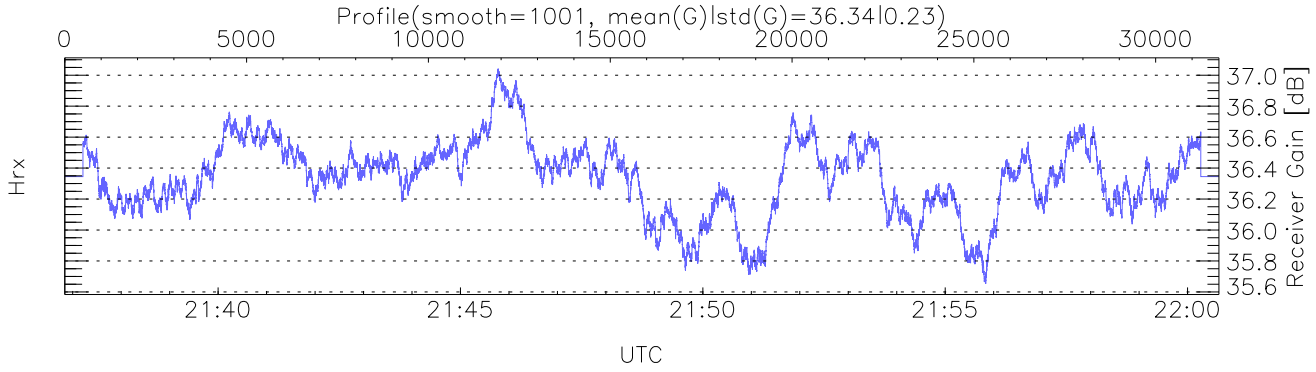
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,90,20,22,22,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,23,23,24
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (116,116,116,92,116,116,116,70)



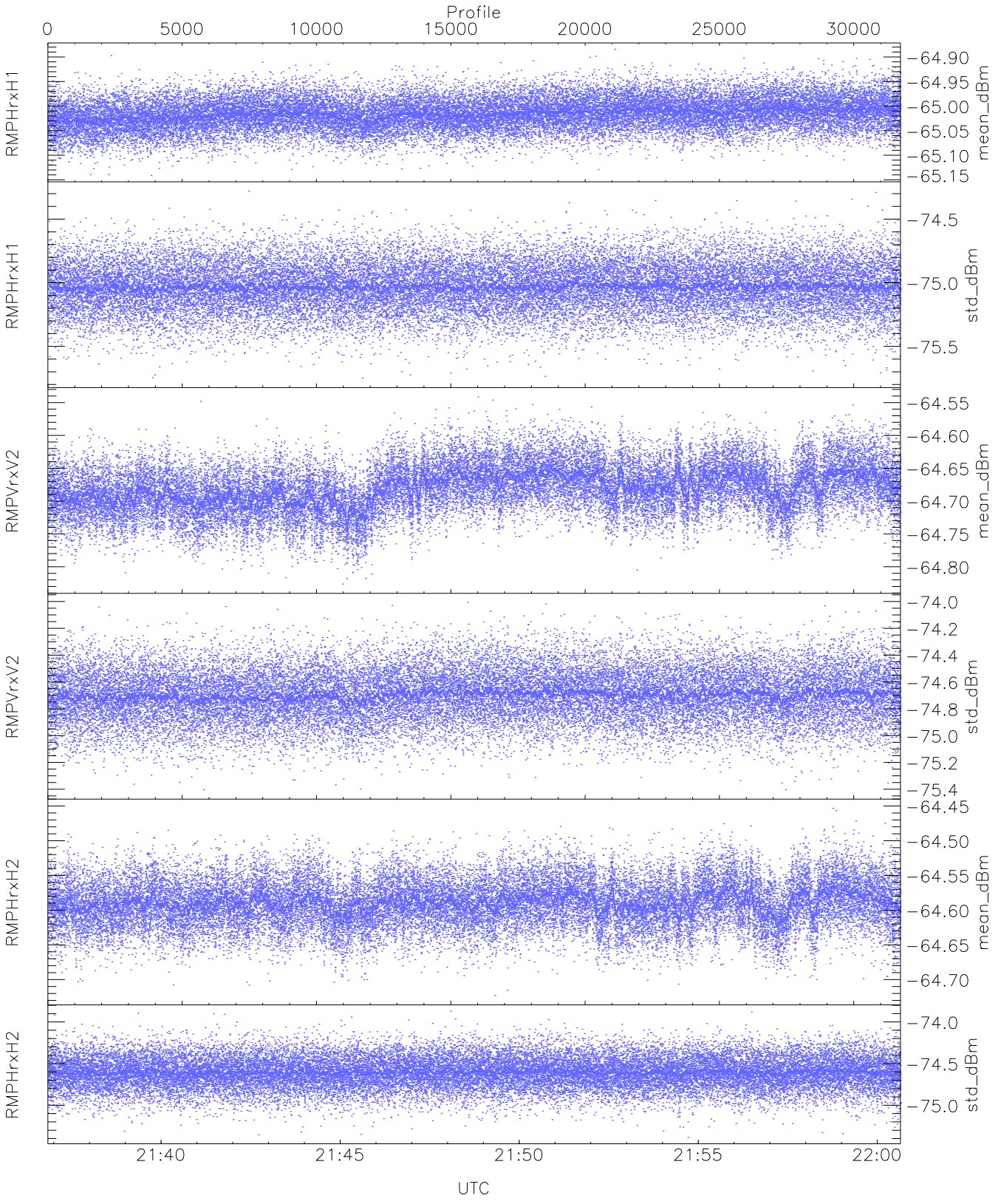






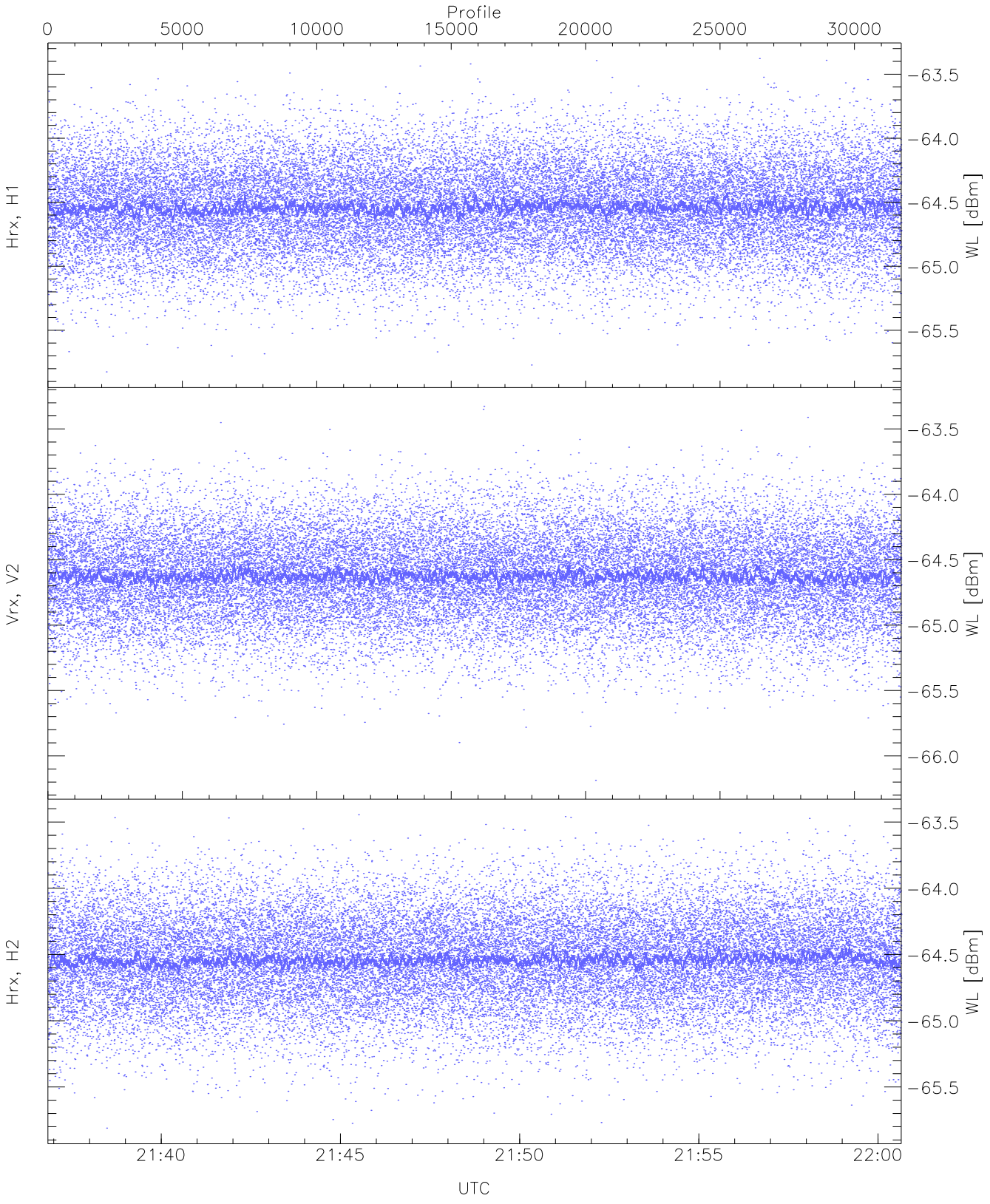
WCR3 CPP Receivers Gain and Noise Figure

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



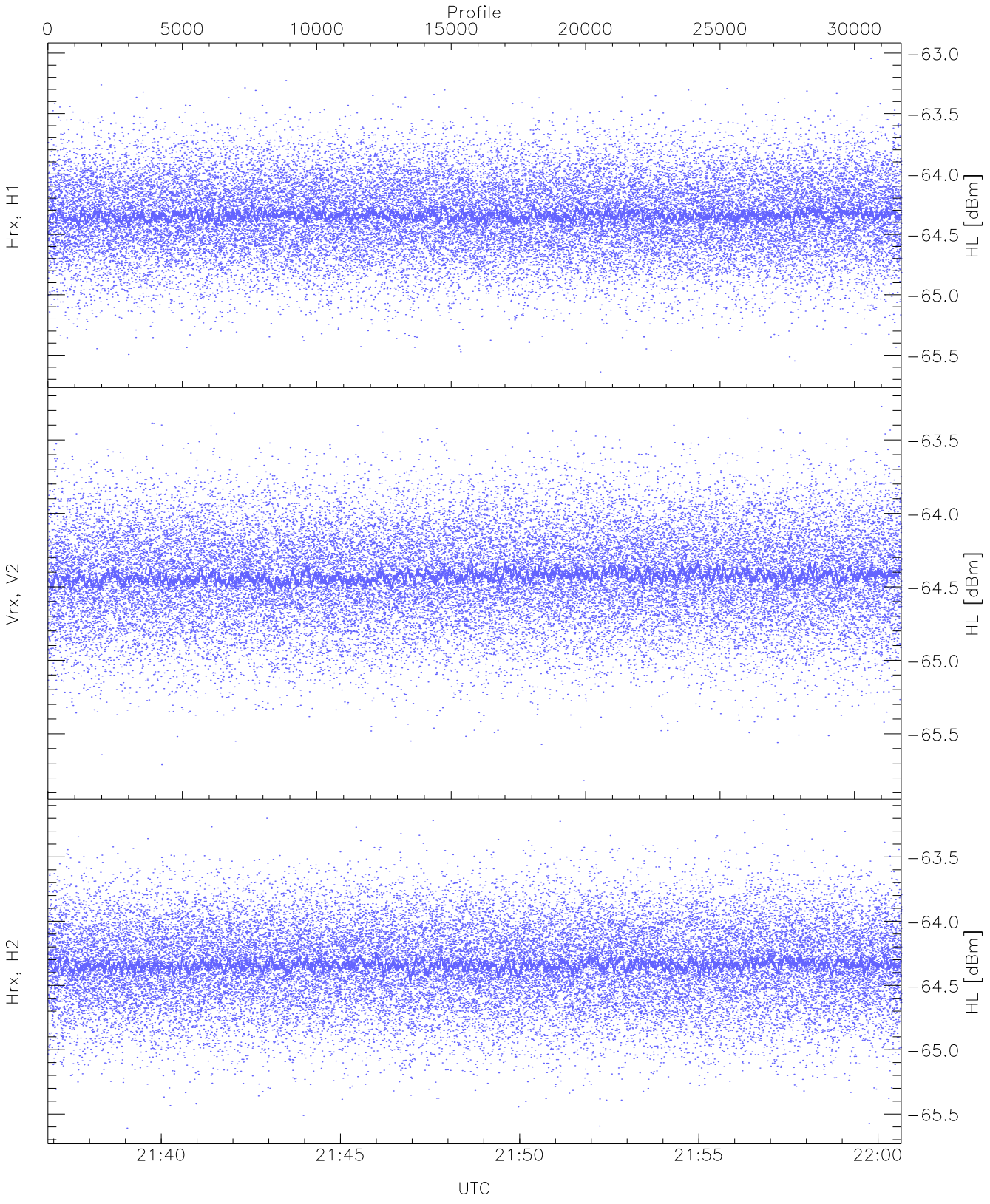
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.14	-64.88	-65.02	-65.02	-86.46
RMPHrxH1(std_dBm)	-75.75	-74.28	-75.03	-75.03	-88.82
RMPVrxV2(mean_dBm)	-64.83	-64.54	-64.68	-64.68	-85.45
RMPVrxV2(std_dBm)	-75.40	-74.01	-74.70	-74.70	-88.45
RMPHrxH2(mean_dBm)	-64.72	-64.45	-64.59	-64.59	-85.86
RMPHrxH2(std_dBm)	-75.39	-73.87	-74.61	-74.61	-88.39



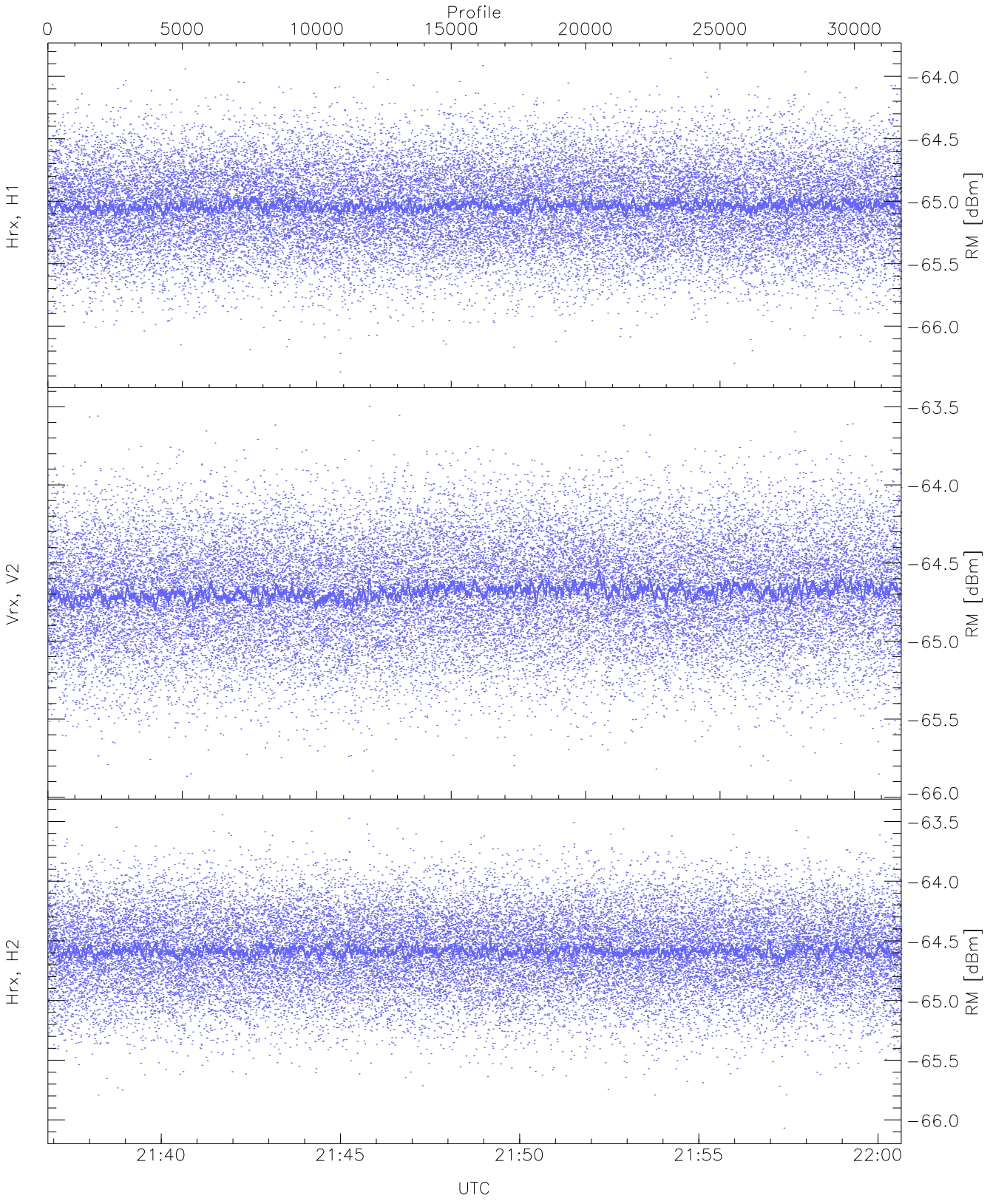
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.83	-63.38	-64.53	-64.54	-76.04
Vrx, V2(WL [dBm])	-66.19	-63.33	-64.62	-64.63	-76.14
Hrx, H2(WL [dBm])	-65.81	-63.45	-64.53	-64.54	-76.02



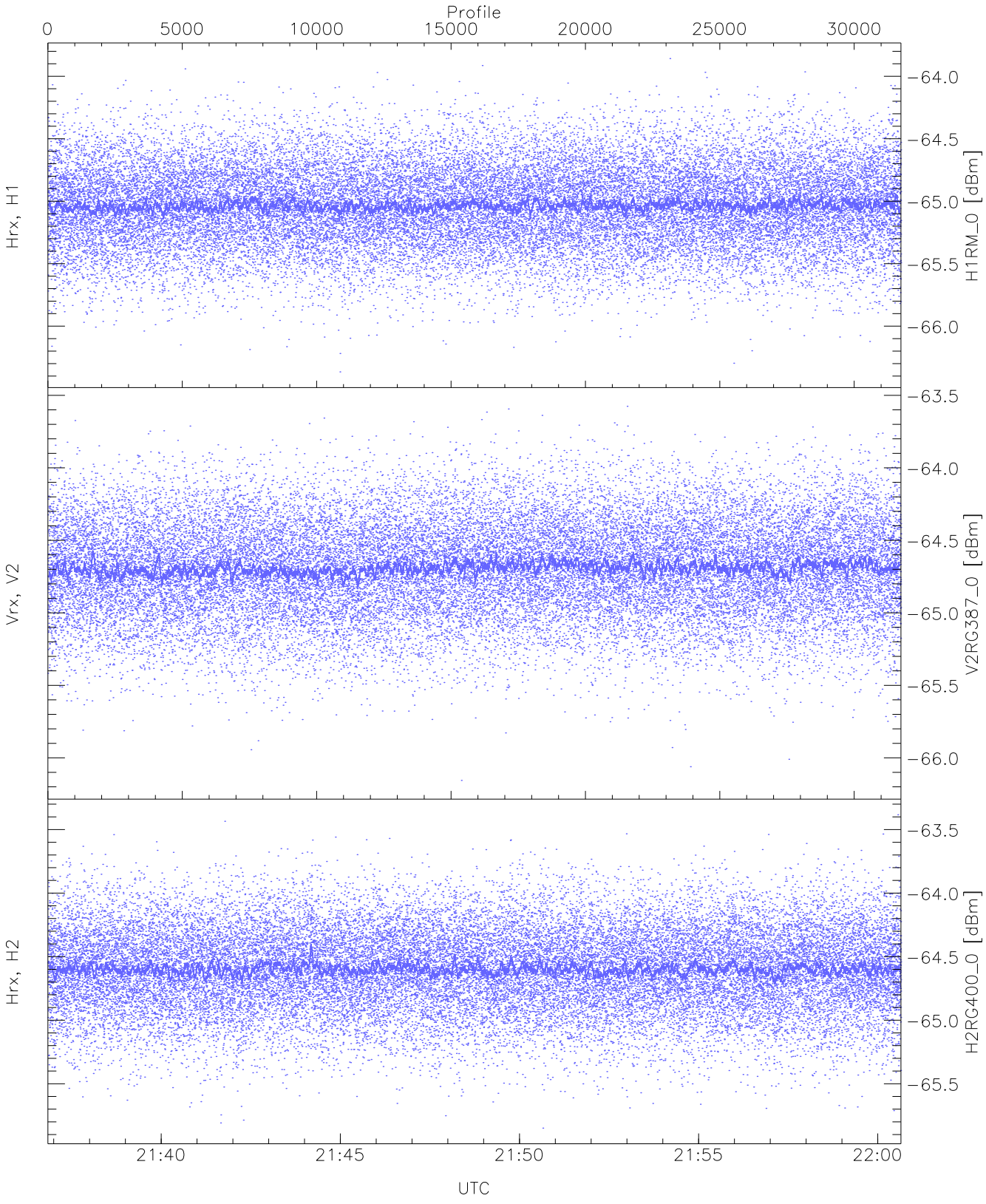
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.64	-63.04	-64.34	-64.34	-75.85
Vrx, V2(HL [dBm])	-65.82	-63.27	-64.42	-64.43	-75.92
Hrx, H2(HL [dBm])	-65.61	-63.17	-64.33	-64.34	-75.81



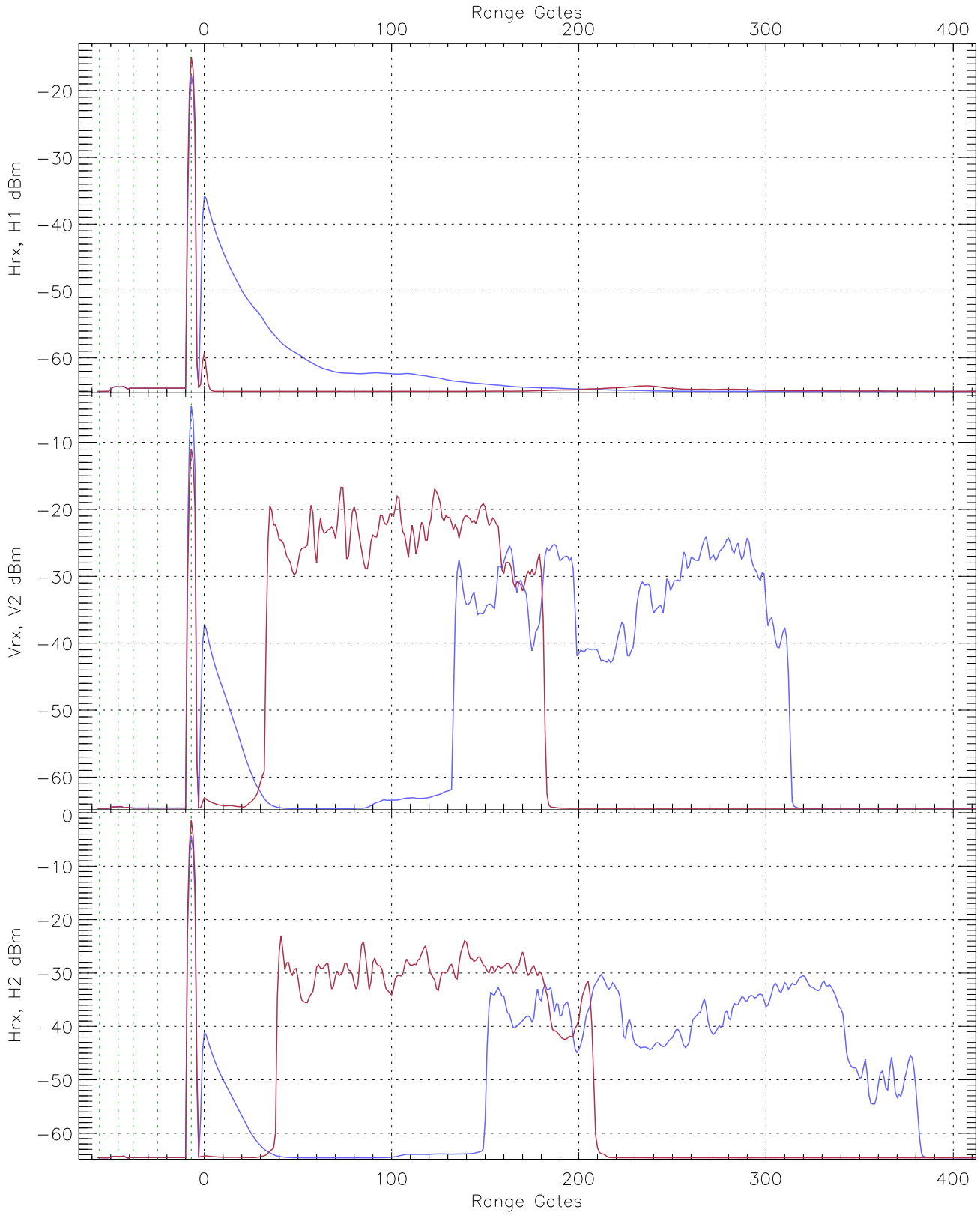
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.37	-63.86	-65.03	-65.04	-76.55
Vrx, V2(RM [dBm])	-65.89	-63.50	-64.68	-64.69	-76.15
Hrx, H2(RM [dBm])	-66.07	-63.44	-64.58	-64.59	-76.07

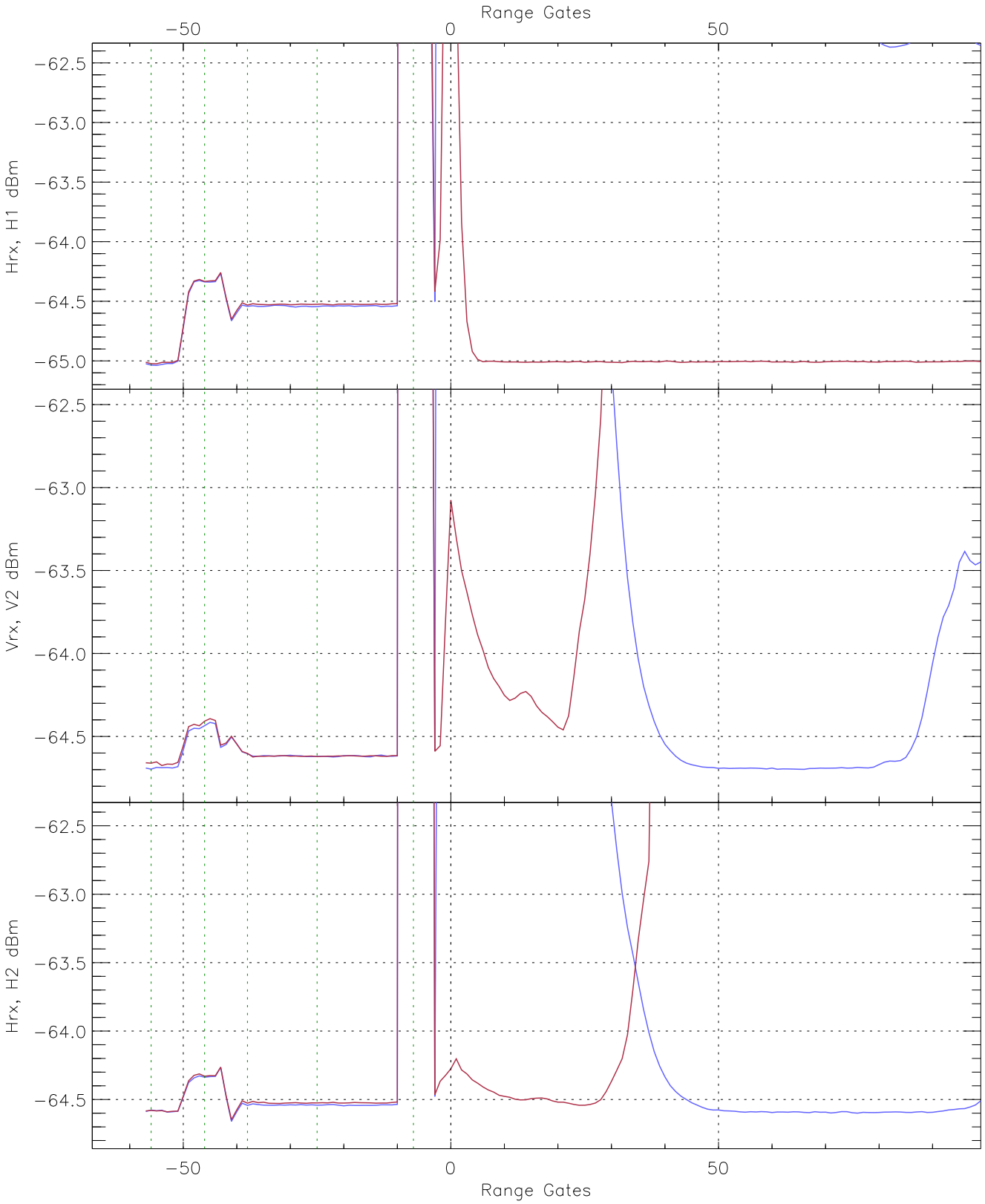


WCR3 CPP "Best" estimate Receivers Noise Power

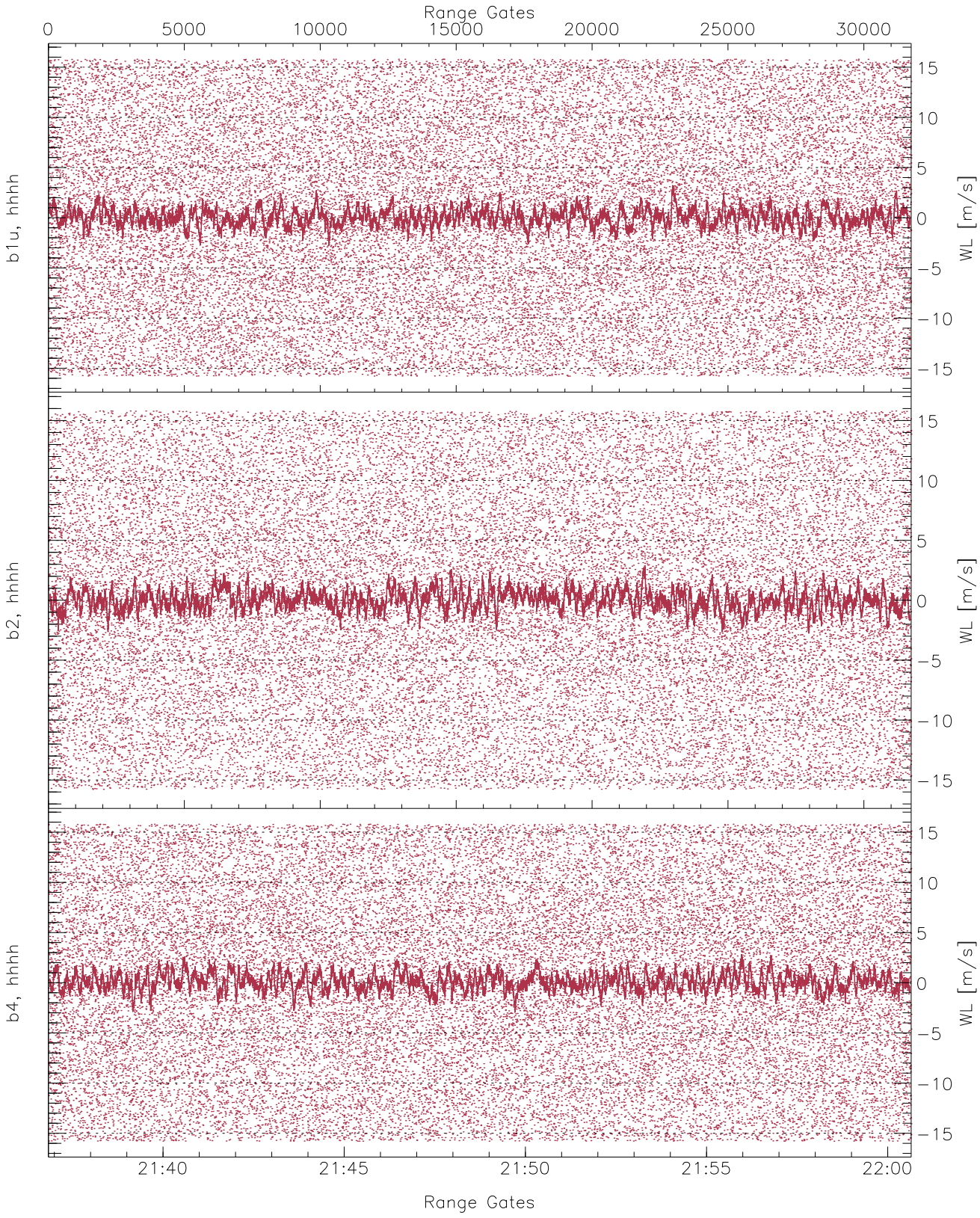
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.37	-63.86	-65.03	-65.04	-76.55
V2RG387_0 [dBm]	-66.16	-63.58	-64.68	-64.69	-76.16
H2RG400_0 [dBm]	-65.85	-63.38	-64.59	-64.60	-76.08



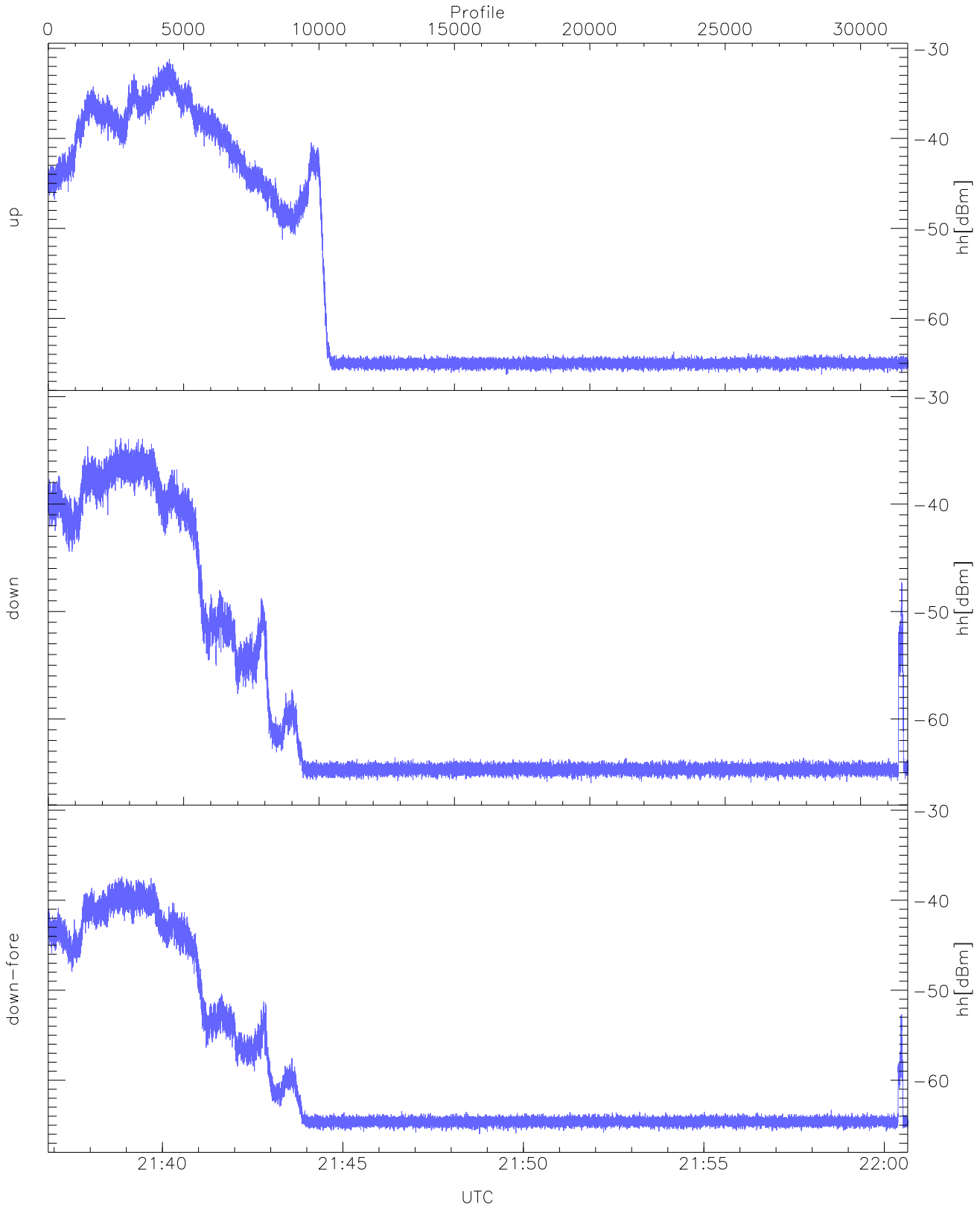
WCR3 CPP Averaged Received power for all recorded gates
blue: 213650-214845, 15871 profiles averaged
red: 214845-220039, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 213650-214845, 15871 profiles averaged
red: 214845-220039, 15871 profiles averaged

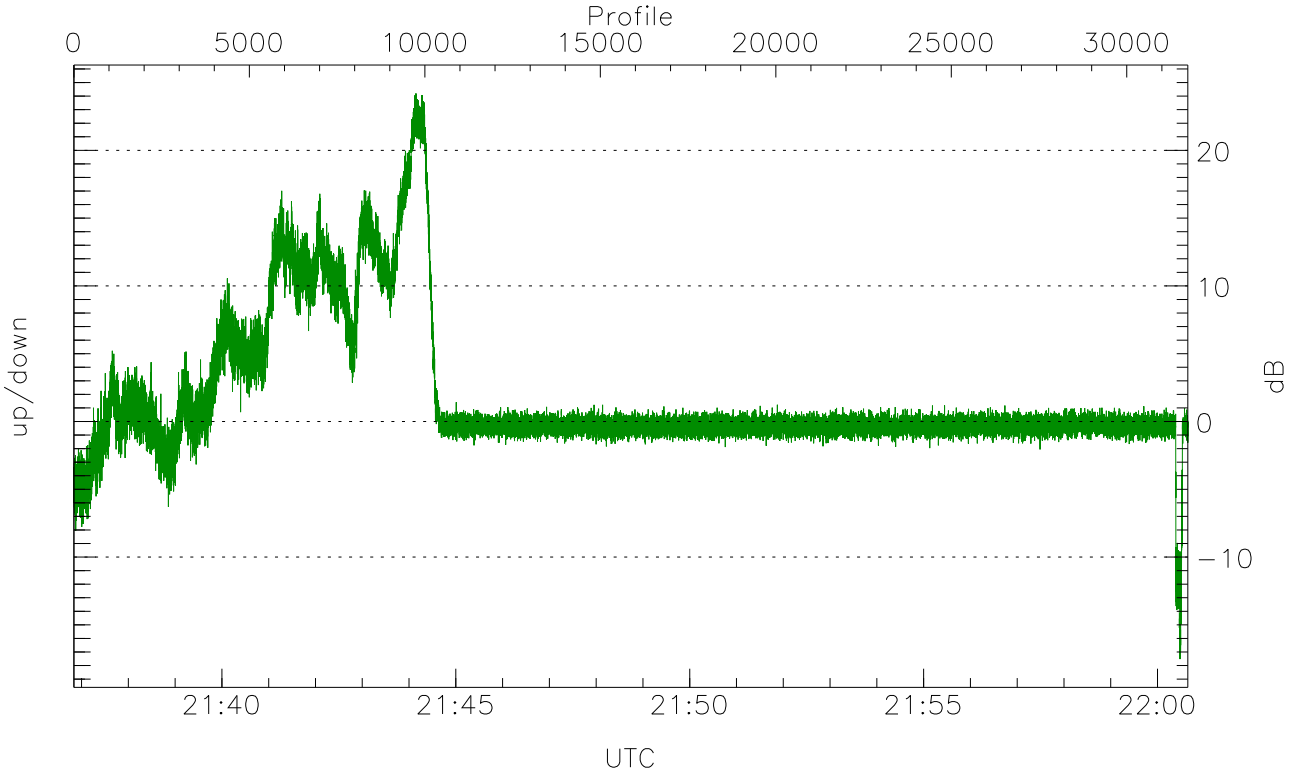


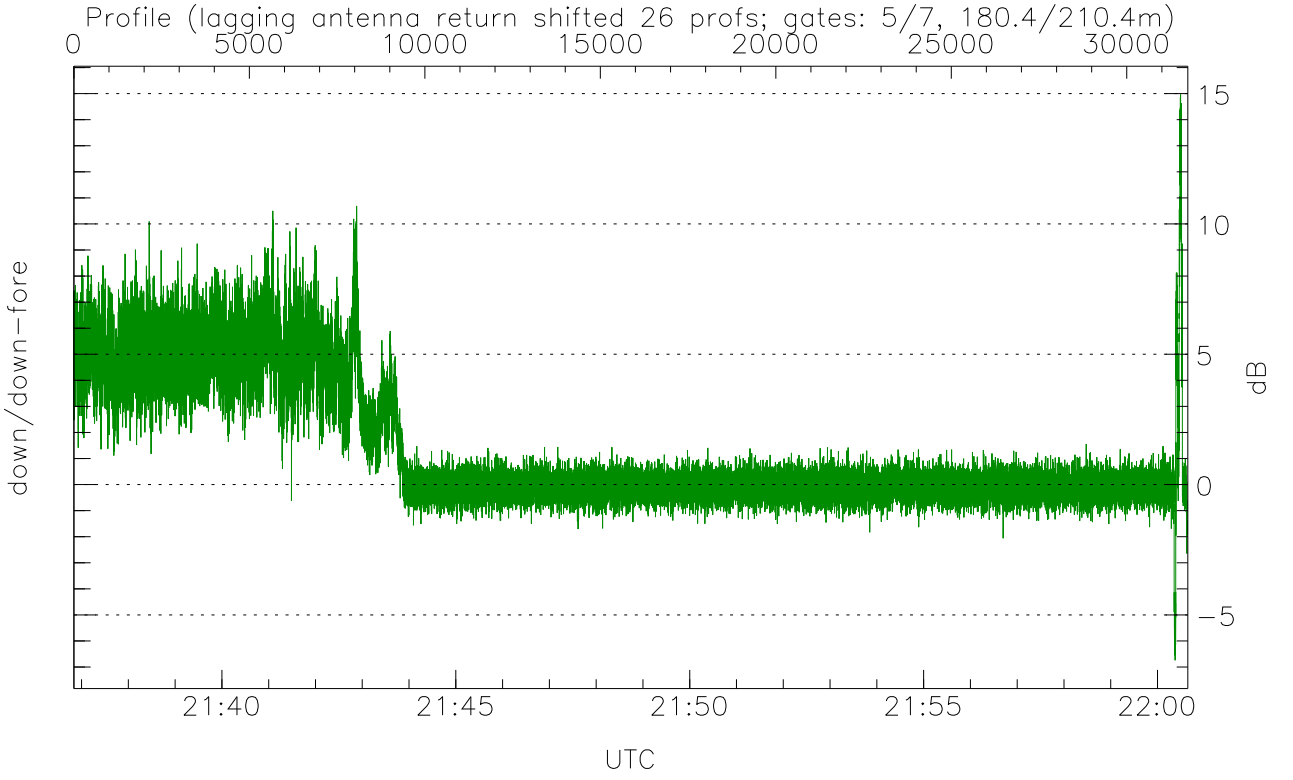
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

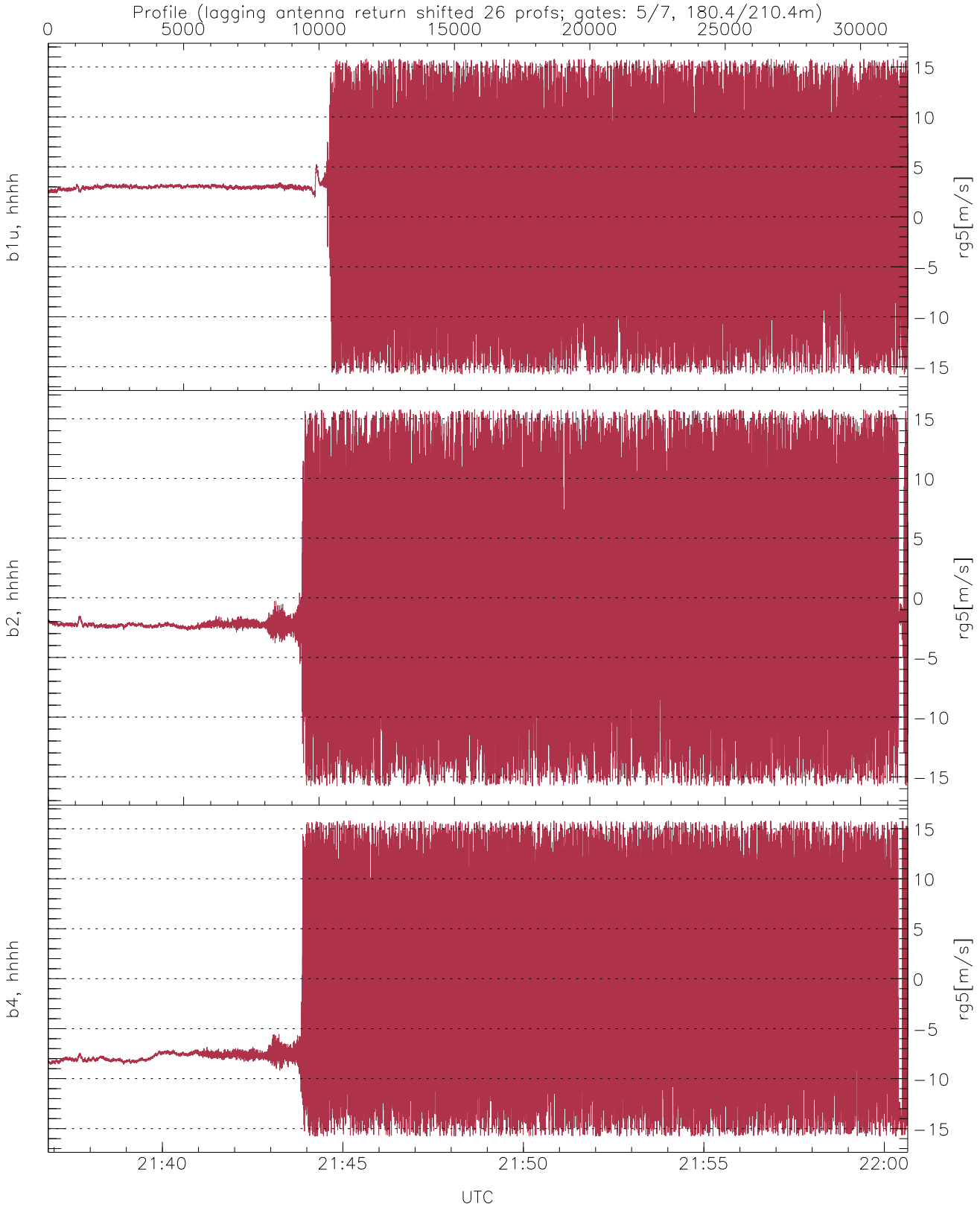
	Min	Max	Mean
up(hh[dBm])	-66.26	-31.18	-43.27
down(hh[dBm])	-65.97	-33.87	-45.63
down-fore(hh[dBm])	-65.98	-37.36	-48.91





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

	Min	Max	Mean
up/down(dB)	-17.52	24.21	1.82
down/down-fore(dB)	-6.74	14.97	1.38



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.01	7.12
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.67	7.14
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.36	8.25