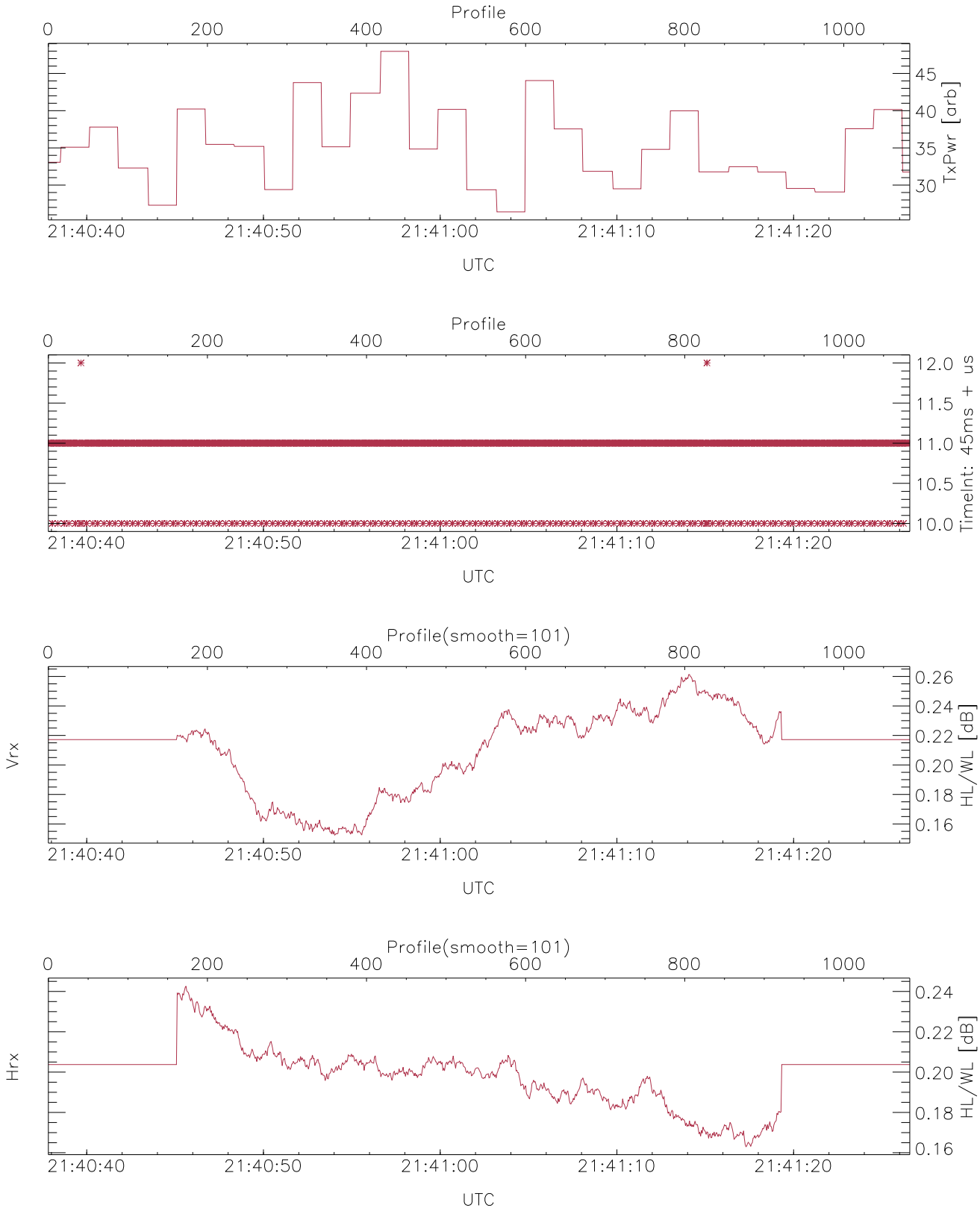
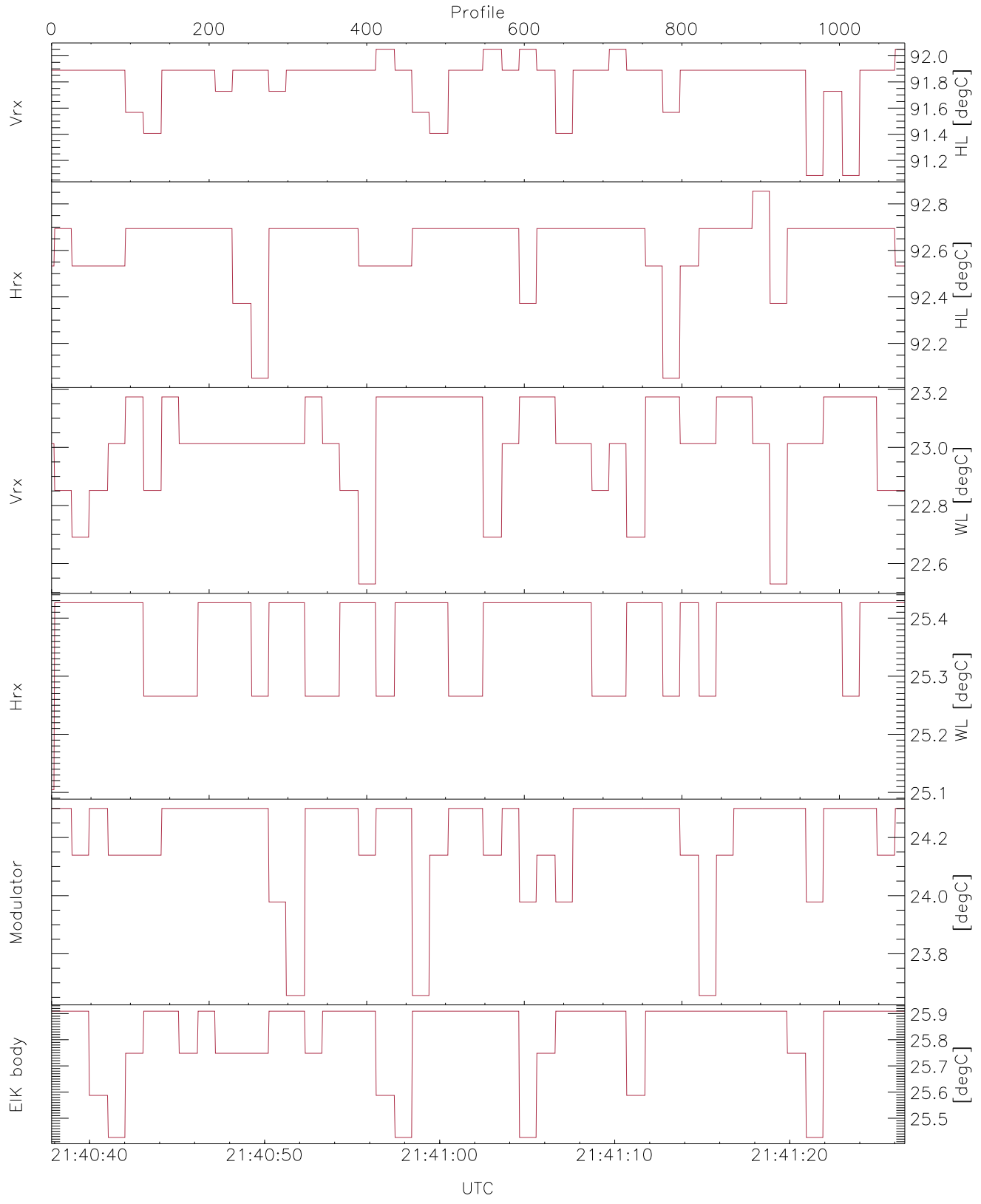


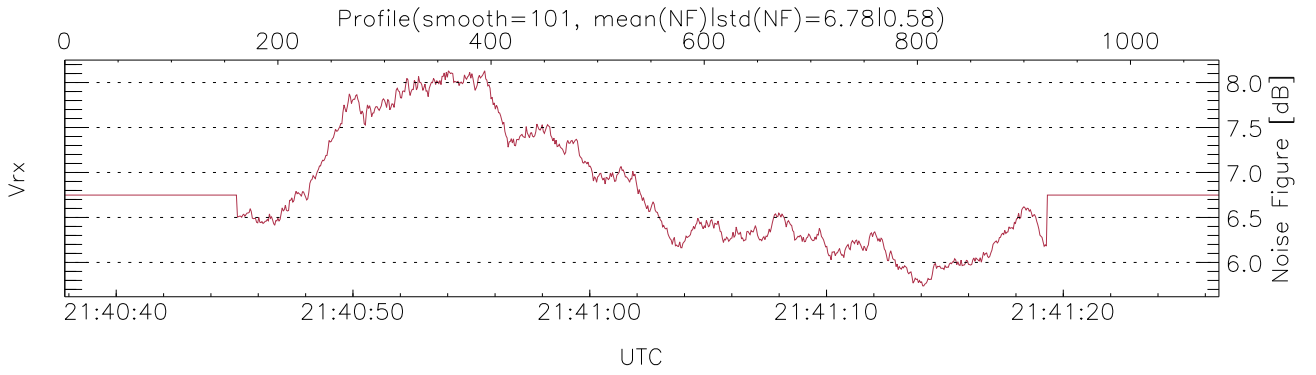
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

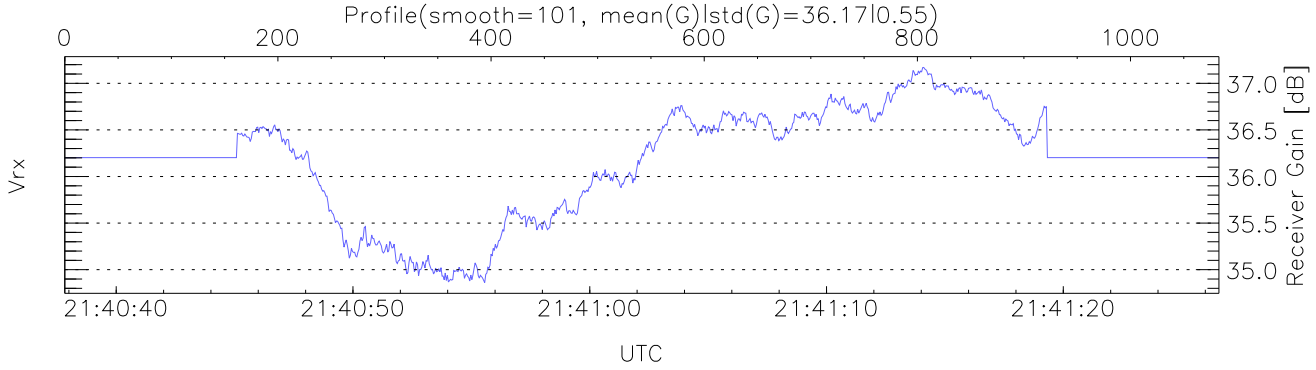
UTC: 21:40:38-21:41:27, TimeCor: 0.00s, Dur: 48.75s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 1084/1084, 0-1083/21:40:38-21:41:27
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

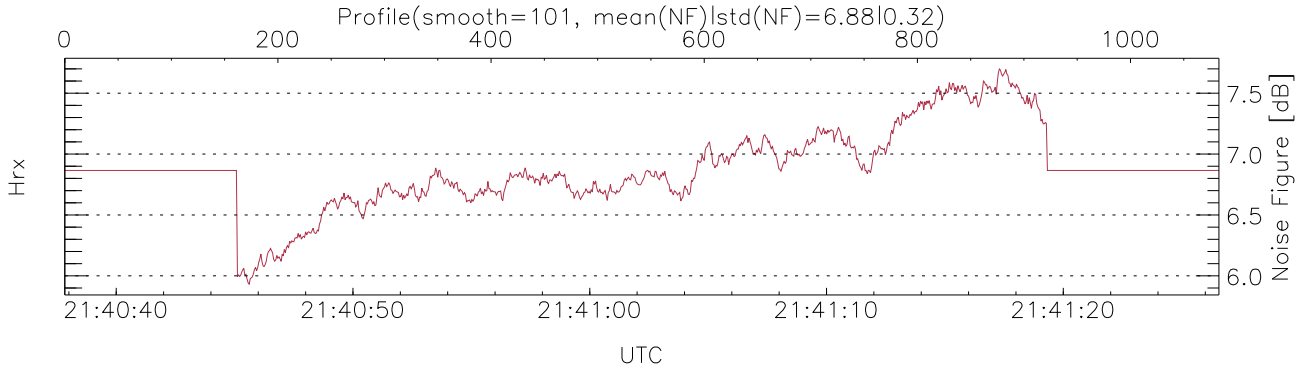


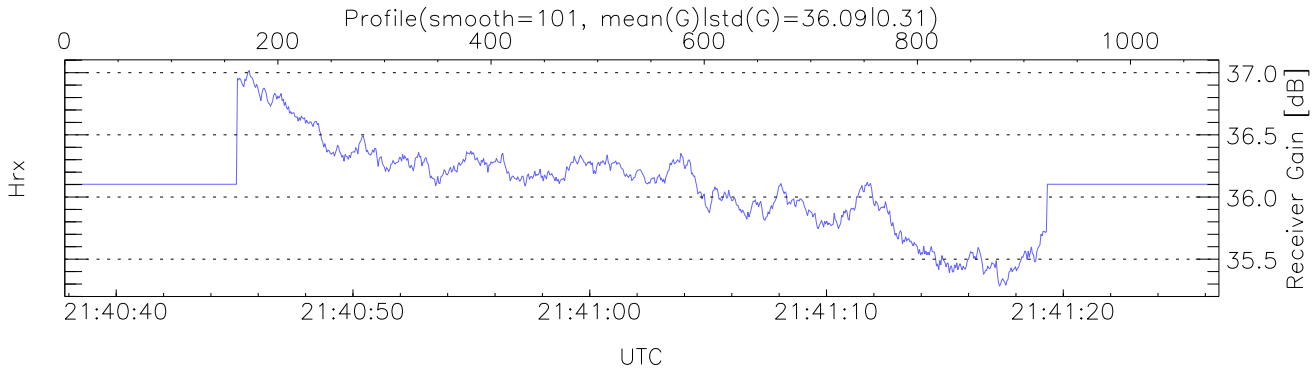
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



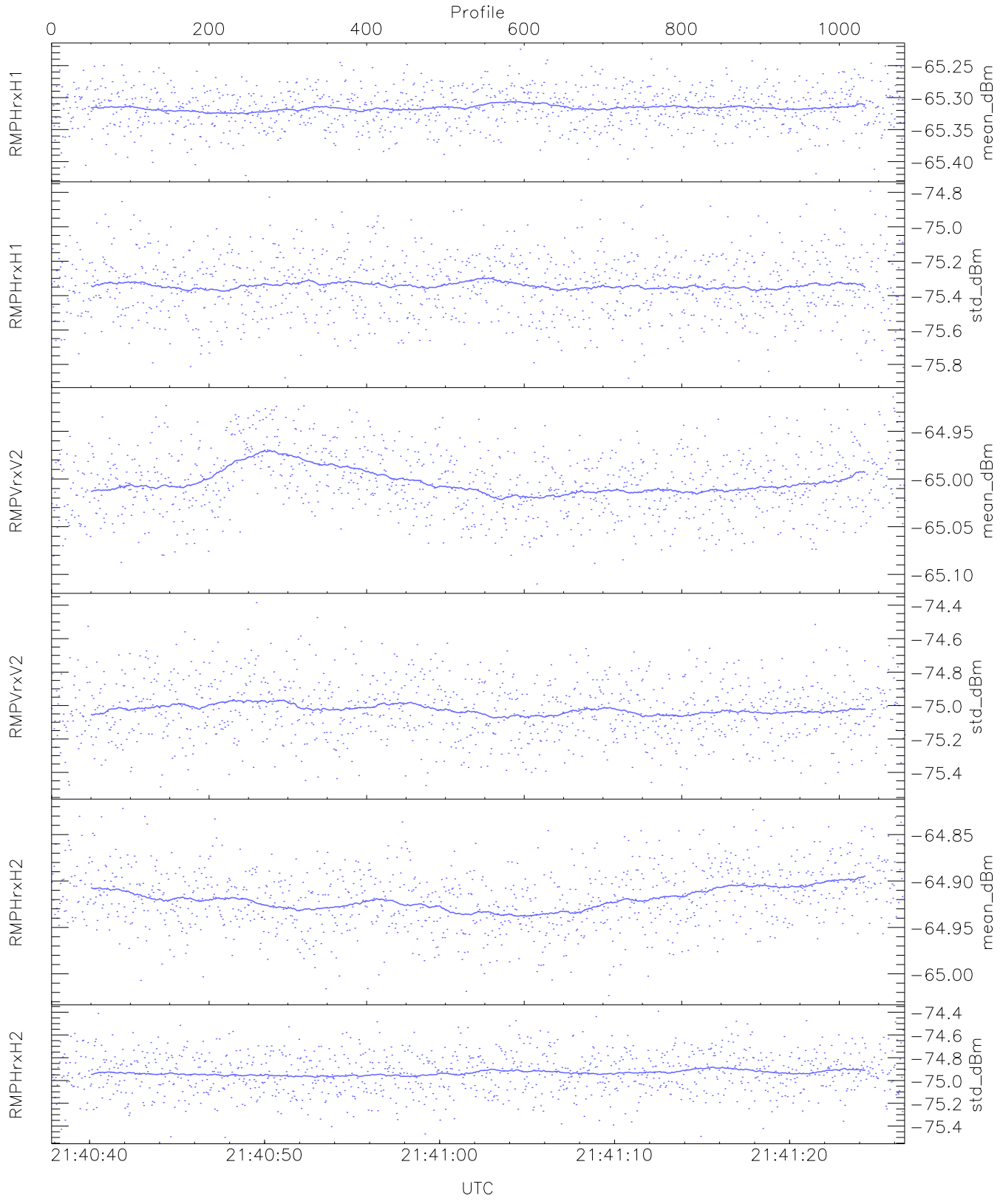






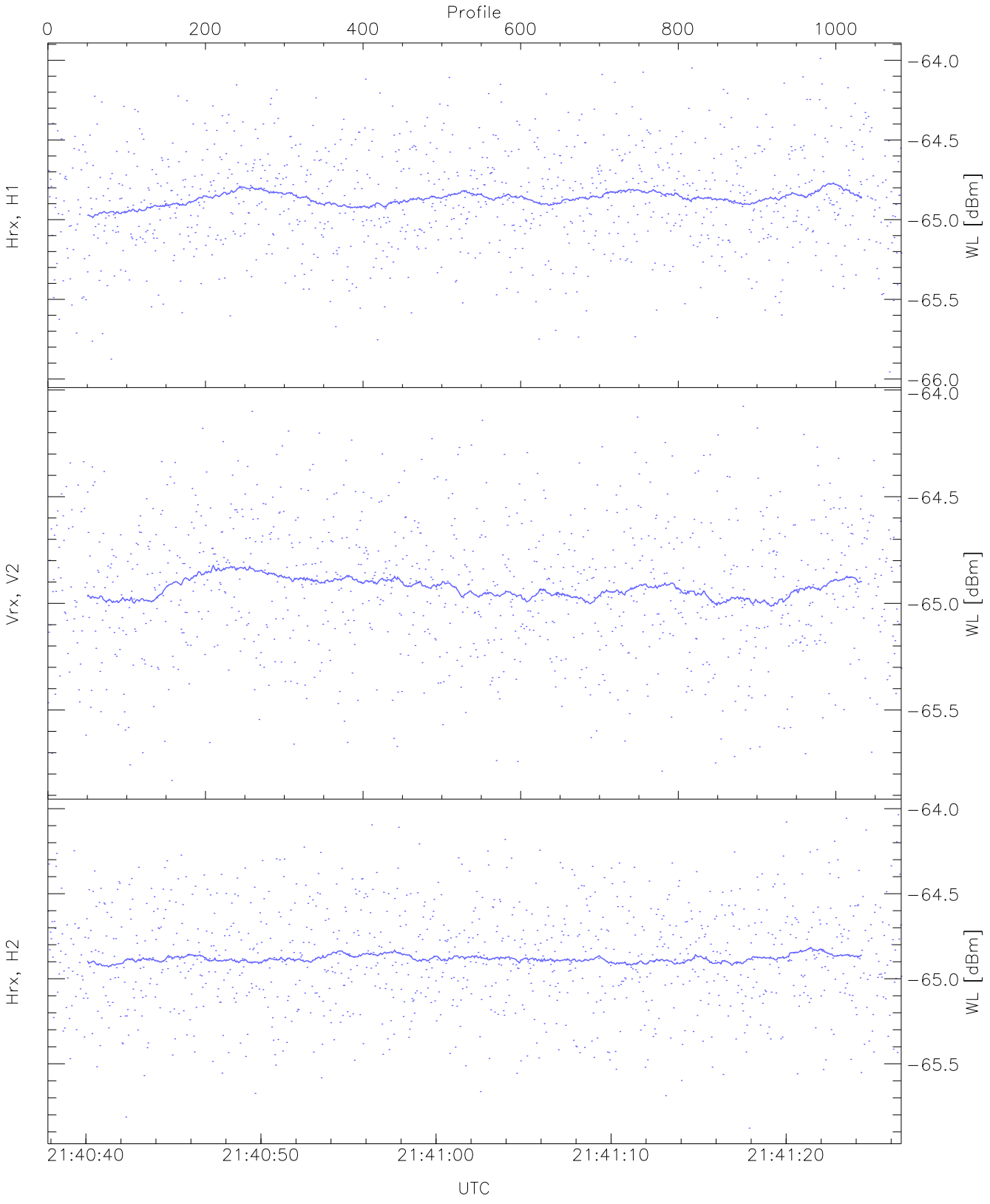
WCR3 CPP Receivers Gain and Noise Figure

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



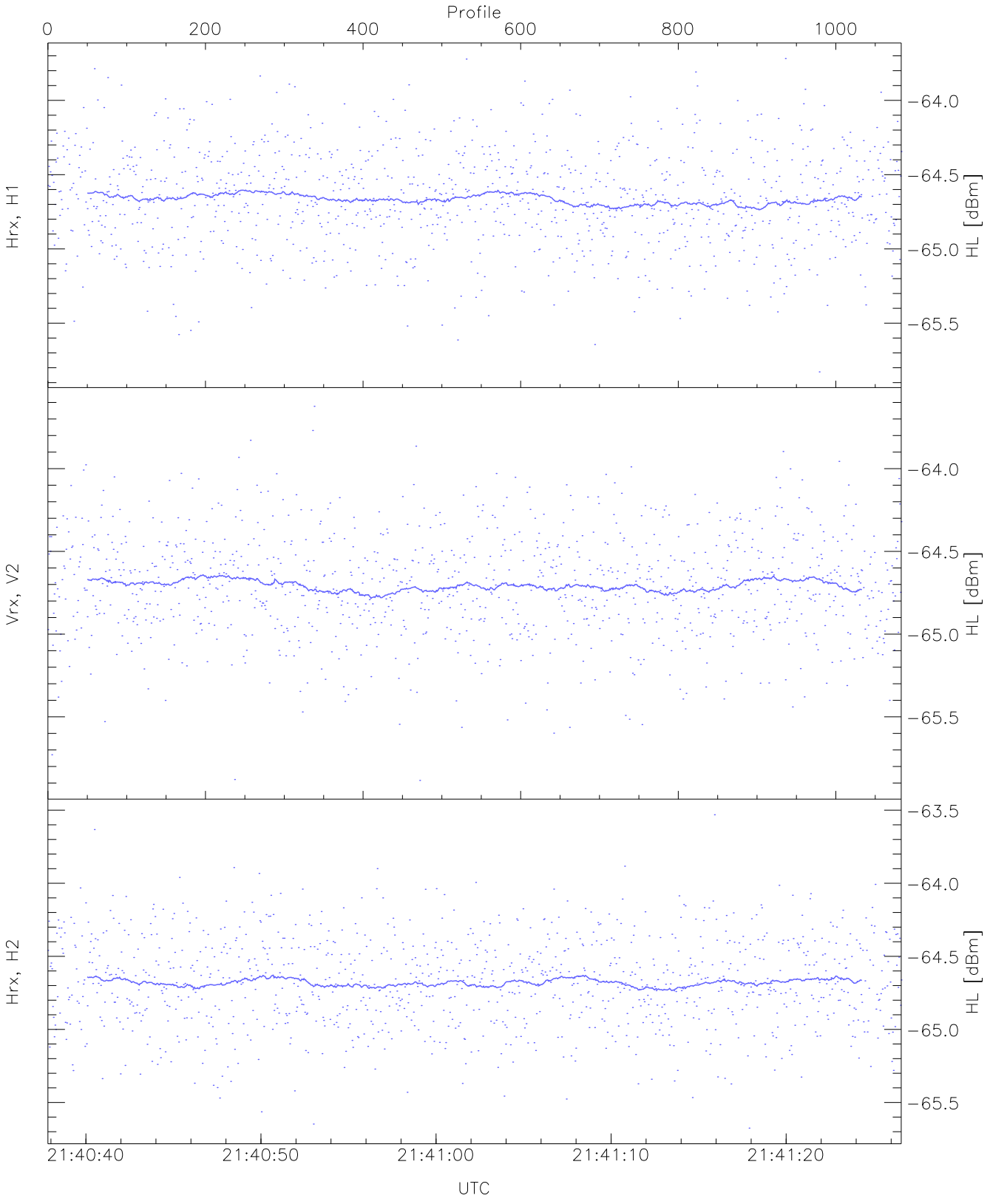
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.22	-65.32	-65.32	-86.91
RMPHrxH1(std_dBm)	-75.88	-74.79	-75.34	-75.34	-89.13
RMPVrxV2(mean_dBm)	-65.11	-64.91	-65.00	-65.01	-86.13
RMPVrxV2(std_dBm)	-75.50	-74.38	-75.02	-75.03	-88.88
RMPHrxH2(mean_dBm)	-65.02	-64.82	-64.92	-64.92	-86.10
RMPHrxH2(std_dBm)	-75.50	-74.39	-74.93	-74.93	-88.75



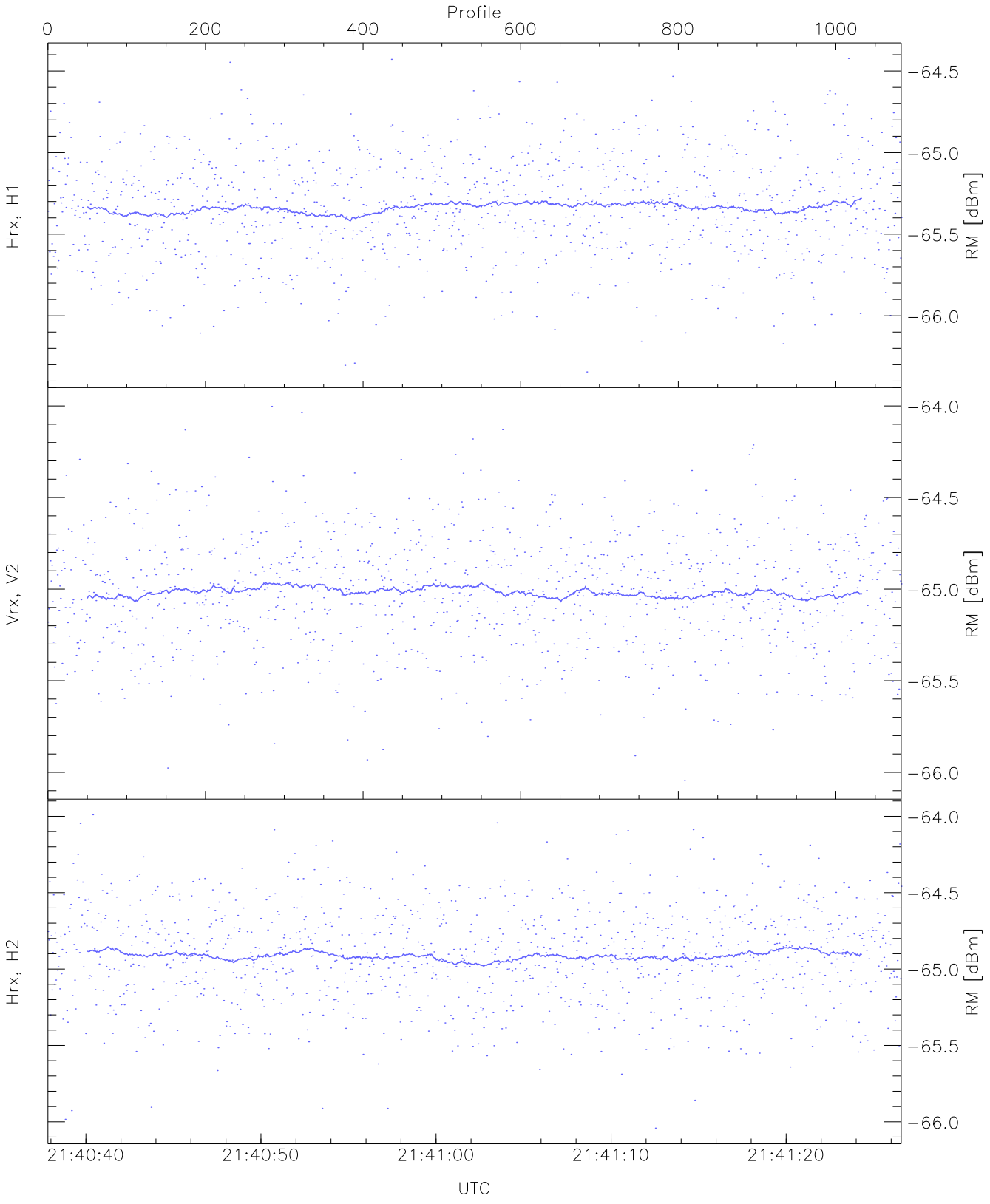
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.96	-63.99	-64.86	-64.87	-76.22
Vrx, V2(WL [dBm])	-65.83	-64.08	-64.92	-64.92	-76.30
Hrx, H2(WL [dBm])	-65.88	-64.04	-64.87	-64.89	-76.42



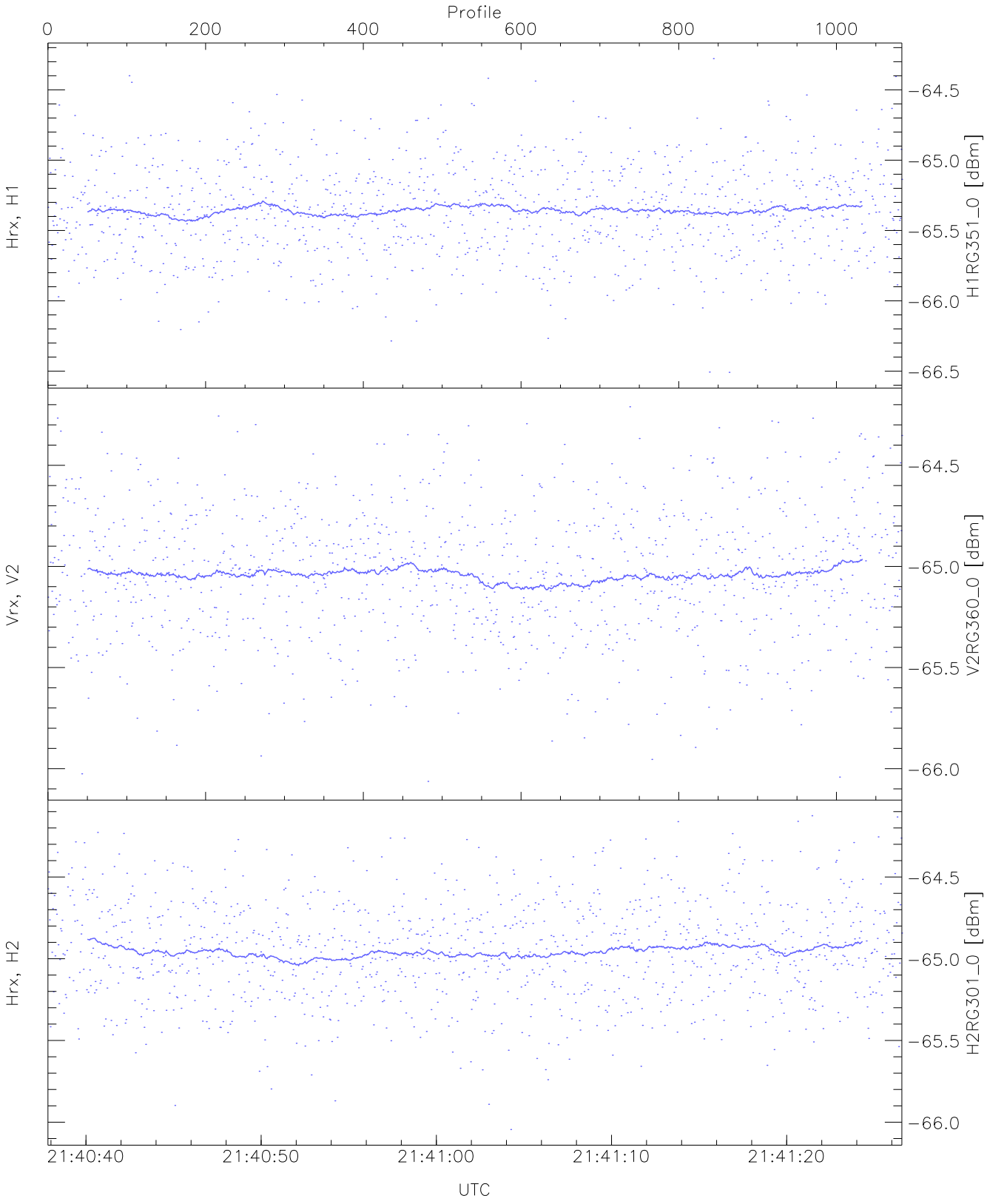
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.83	-63.72	-64.65	-64.66	-75.95
Vrx, V2(HL [dBm])	-65.88	-63.62	-64.70	-64.71	-76.16
Hrx, H2(HL [dBm])	-65.68	-63.53	-64.67	-64.68	-76.21



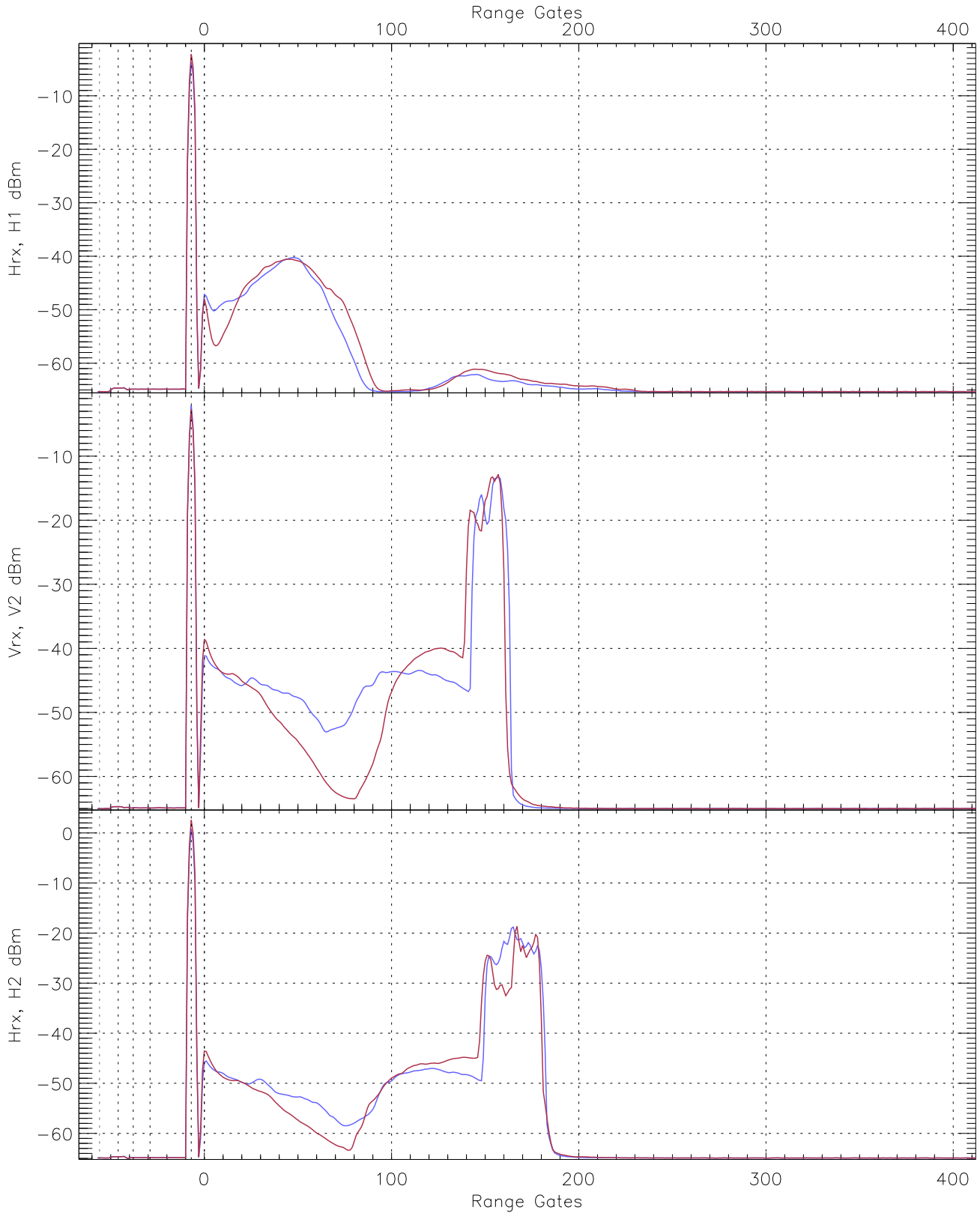
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.34	-64.42	-65.33	-65.33	-76.89
Vrx, V2(RM [dBm])	-66.04	-64.00	-65.01	-65.01	-76.56
Hrx, H2(RM [dBm])	-66.04	-63.99	-64.90	-64.90	-76.40

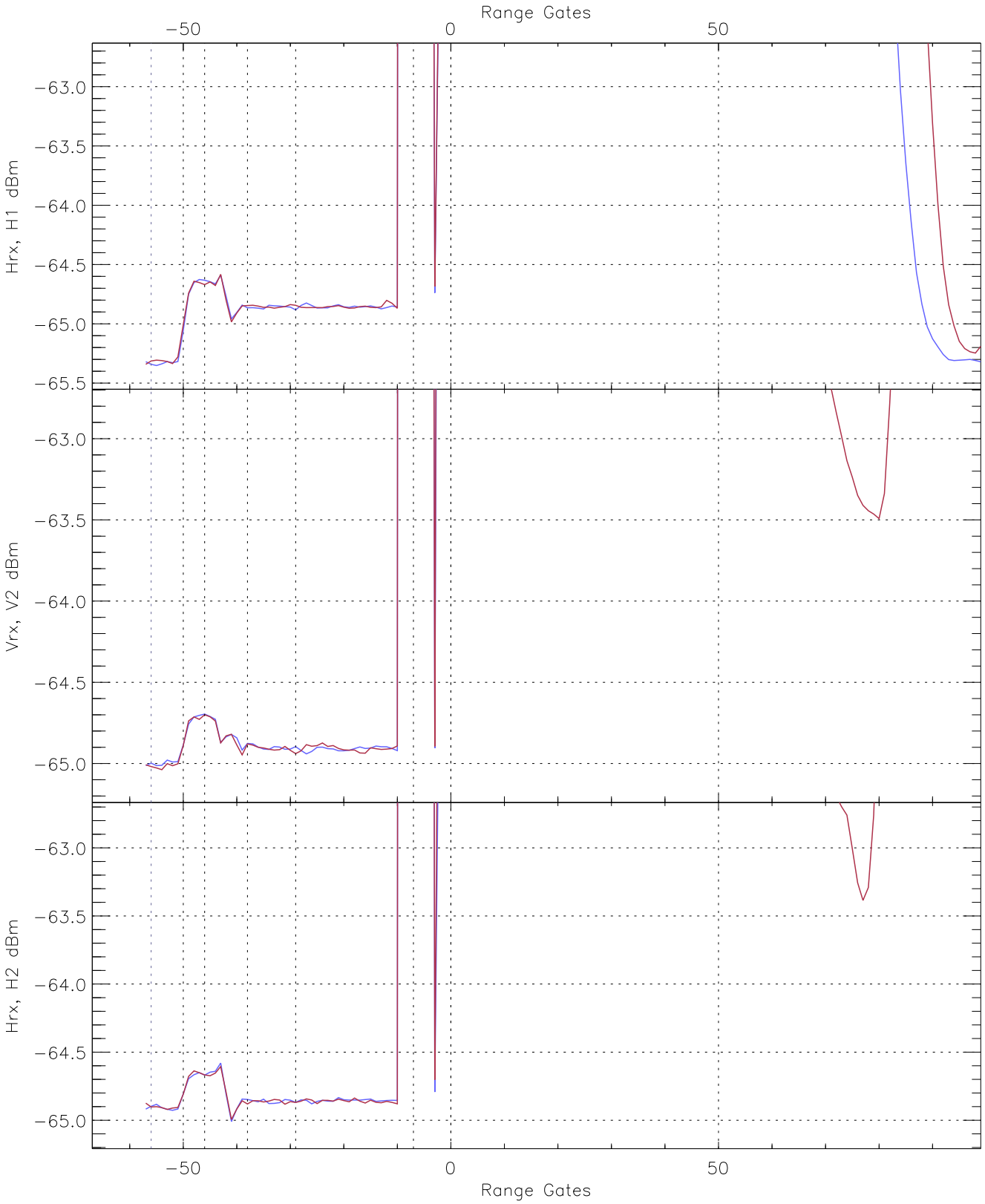


WCR3 CPP "Best" estimate Receivers Noise Power

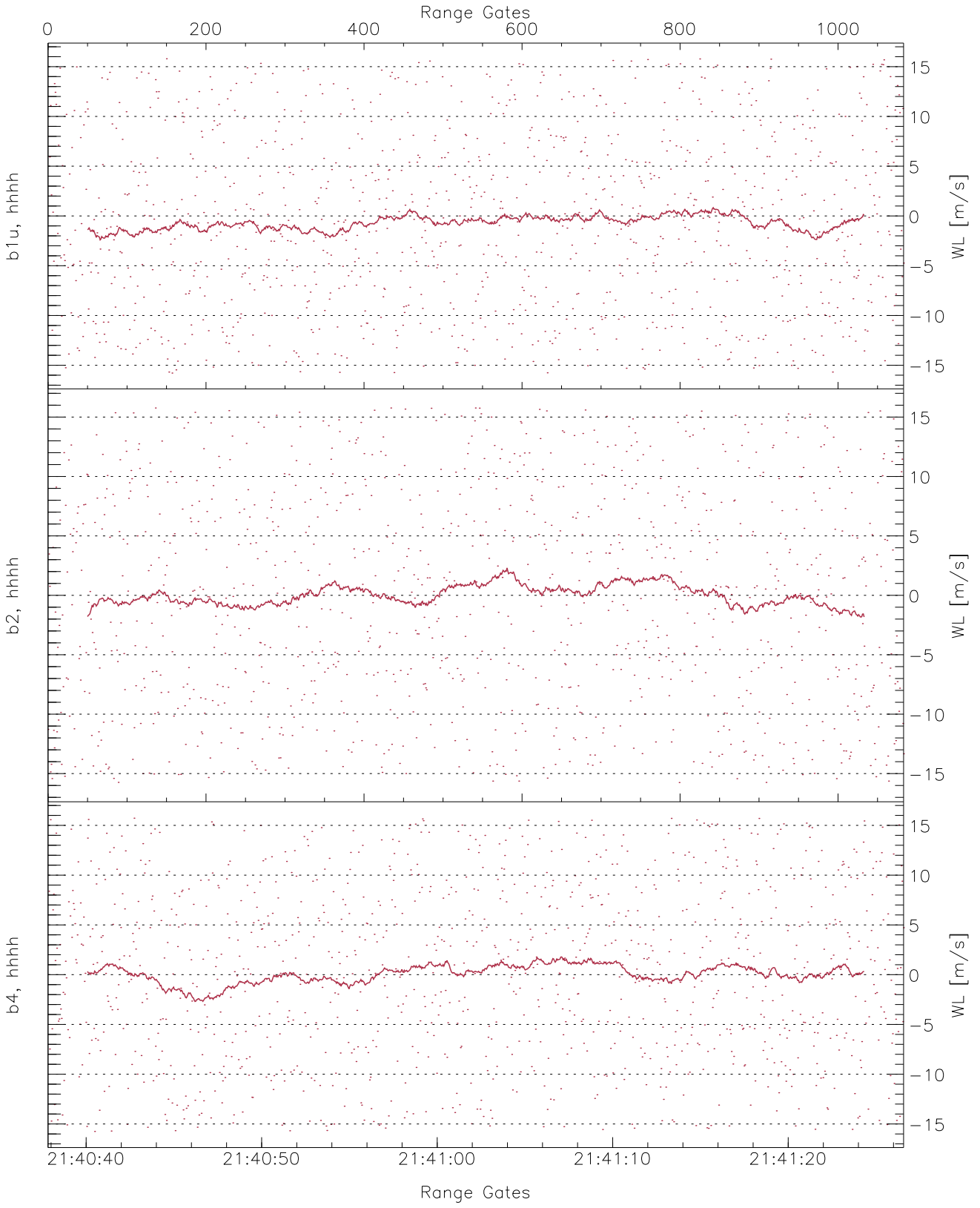
	Min	Max	Mean	Median	StDev
H1RG351_0 [dBm]	-66.51	-64.28	-65.34	-65.35	-76.63
V2RG360_0 [dBm]	-66.06	-64.21	-65.02	-65.03	-76.44
H2RG301_0 [dBm]	-66.04	-64.13	-64.94	-64.96	-76.53



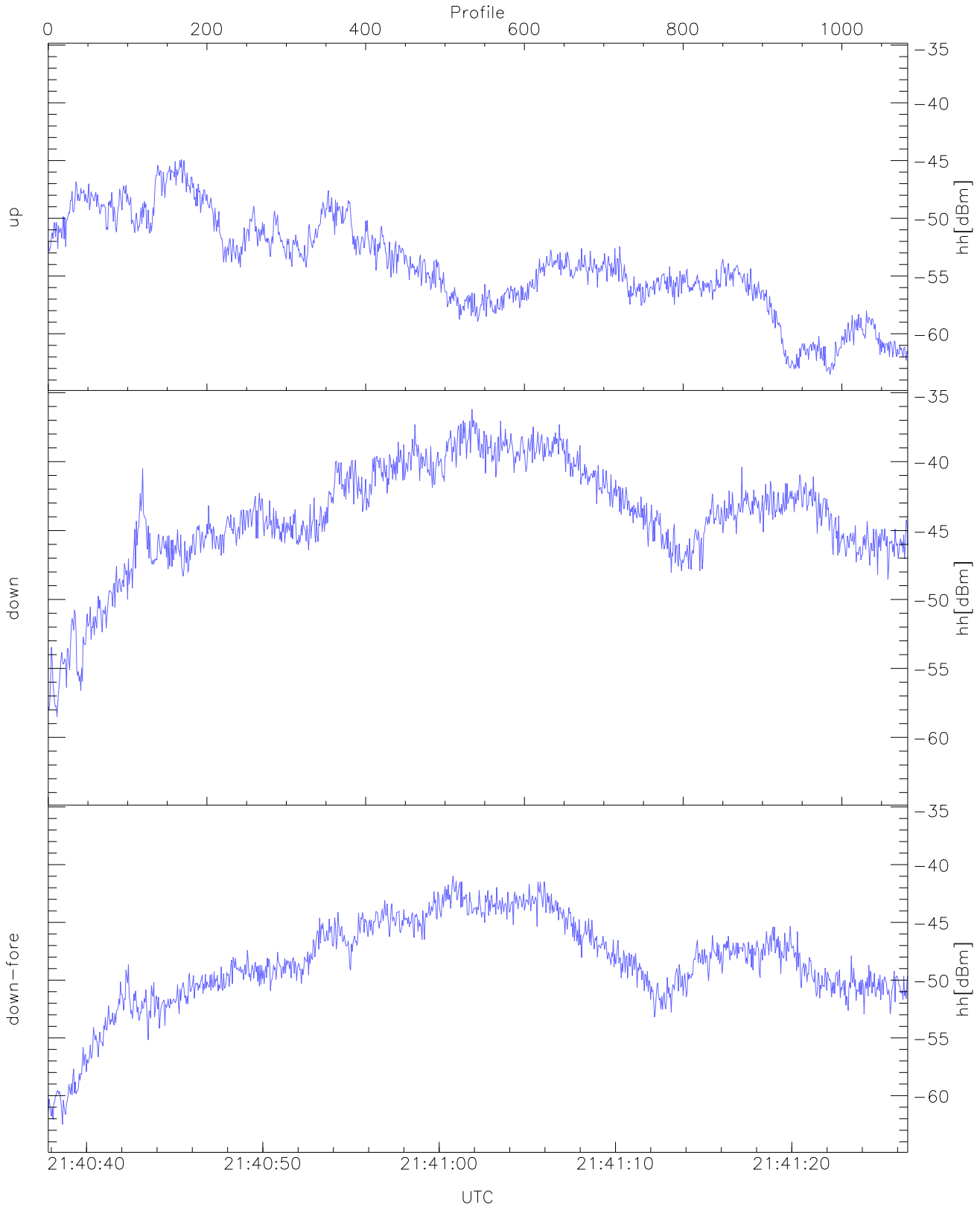
WCR3 CPP Averaged Received power for all recorded gates
blue: 214038-214102, 543 profiles averaged
red: 214102-214127, 542 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 214038-214102, 543 profiles averaged
red: 214102-214127, 542 profiles averaged

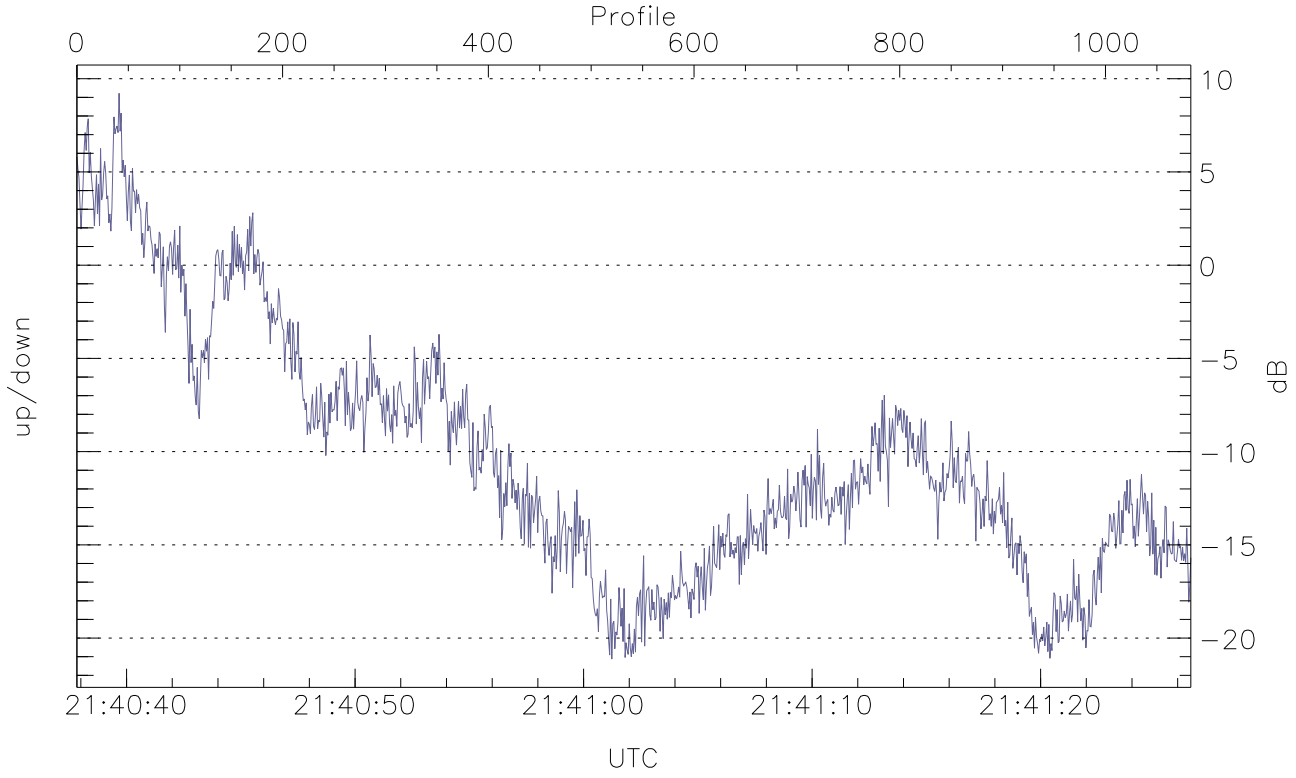


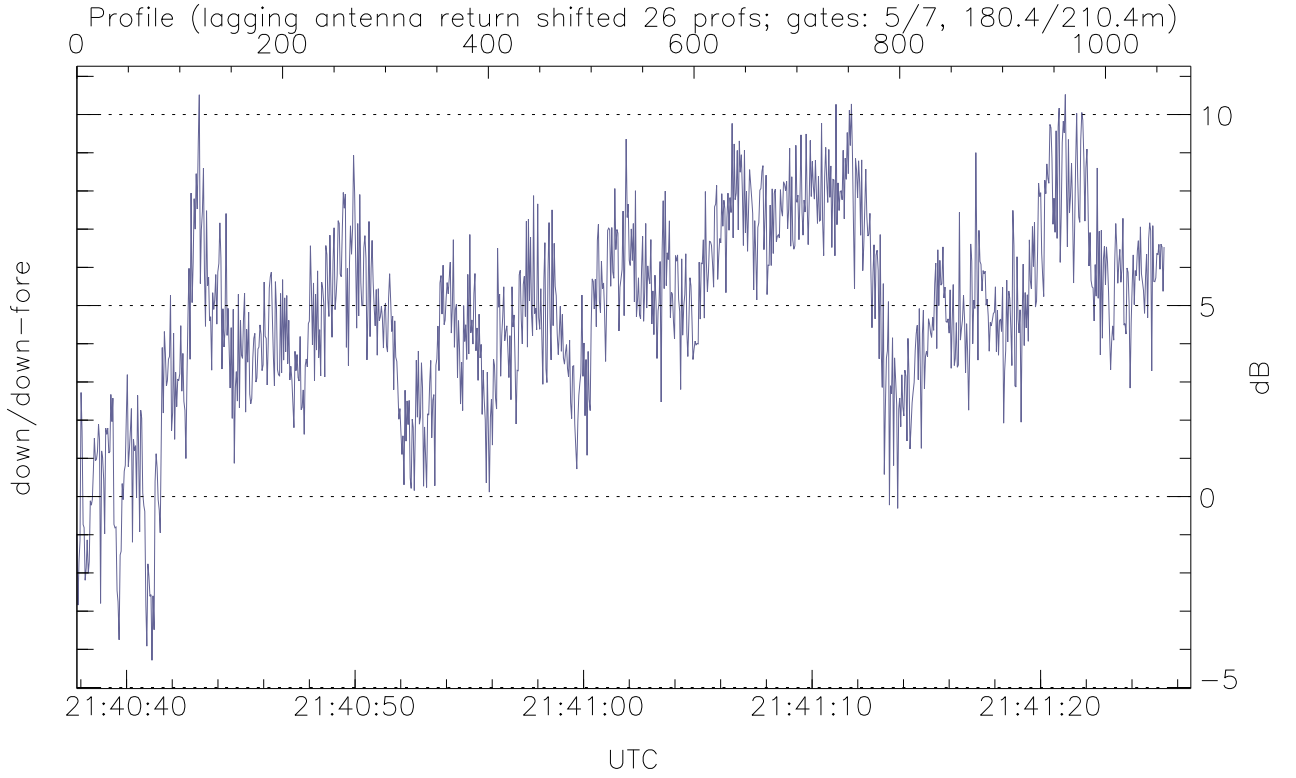
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

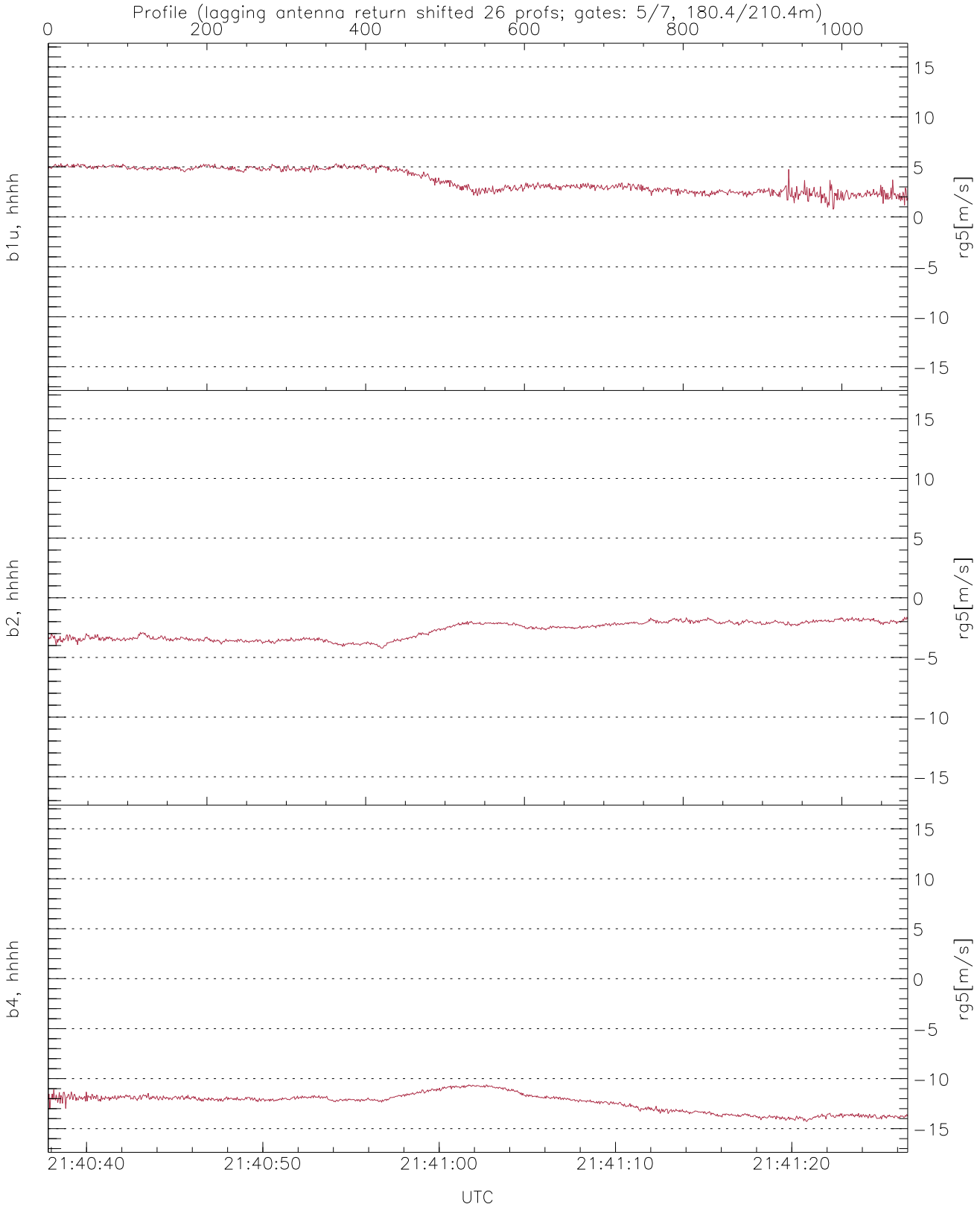
	Min	Max	Mean
up(hh[dBm])	-63.54	-44.92	-52.31
down(hh[dBm])	-58.52	-36.21	-42.48
down-fore(hh[dBm])	-62.49	-40.98	-47.03





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

	Min	Max	Mean
up/down(dB)	-21.13	9.22	-10.32
down/down-fore(dB)	-4.29	10.52	4.87



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.75	5.34	3.64	1.17
b2, hhhh(rg5[m/s])	-4.22	-1.62	-2.76	0.73
b4, hhhh(rg5[m/s])	-14.28	-10.62	-12.39	0.94