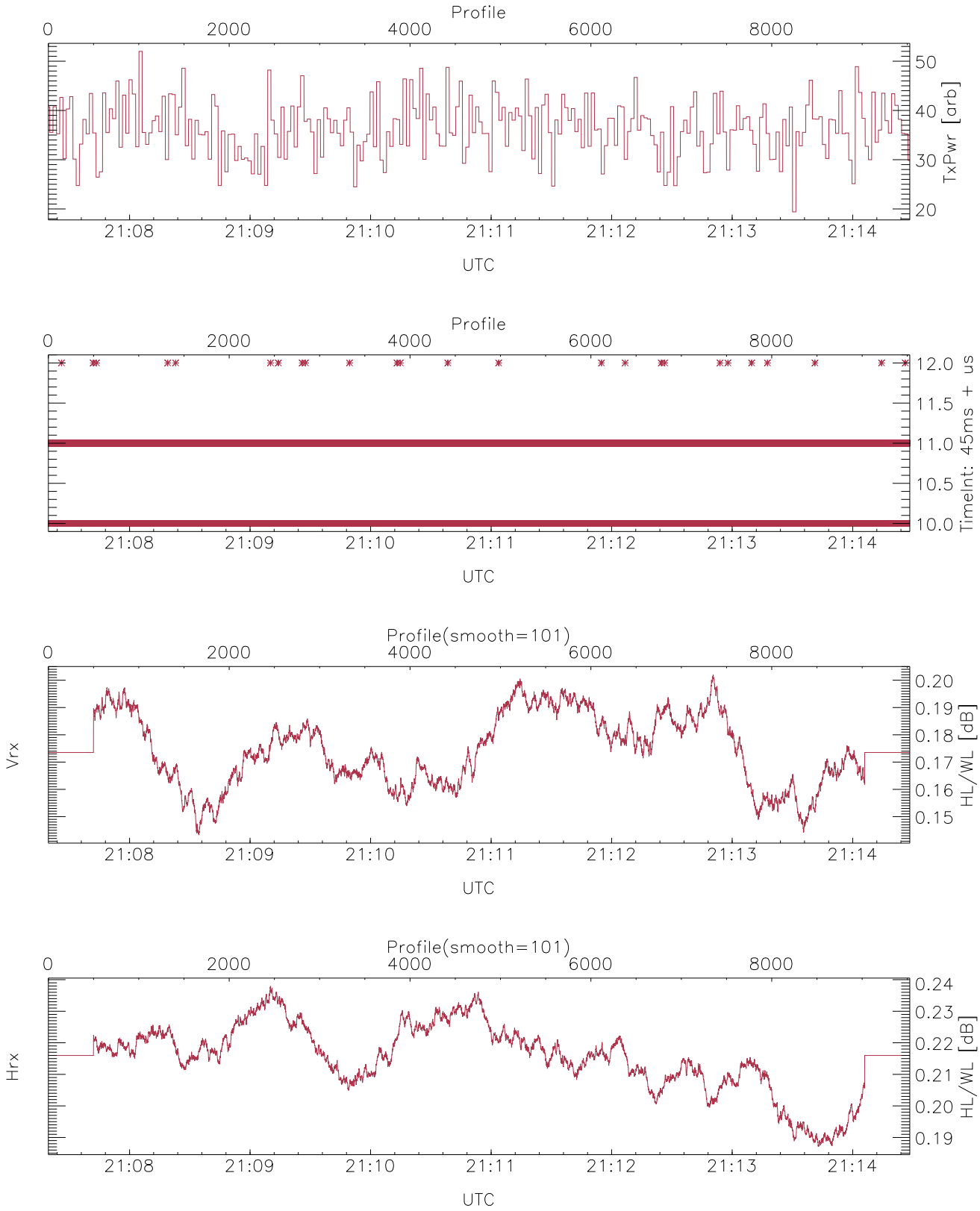
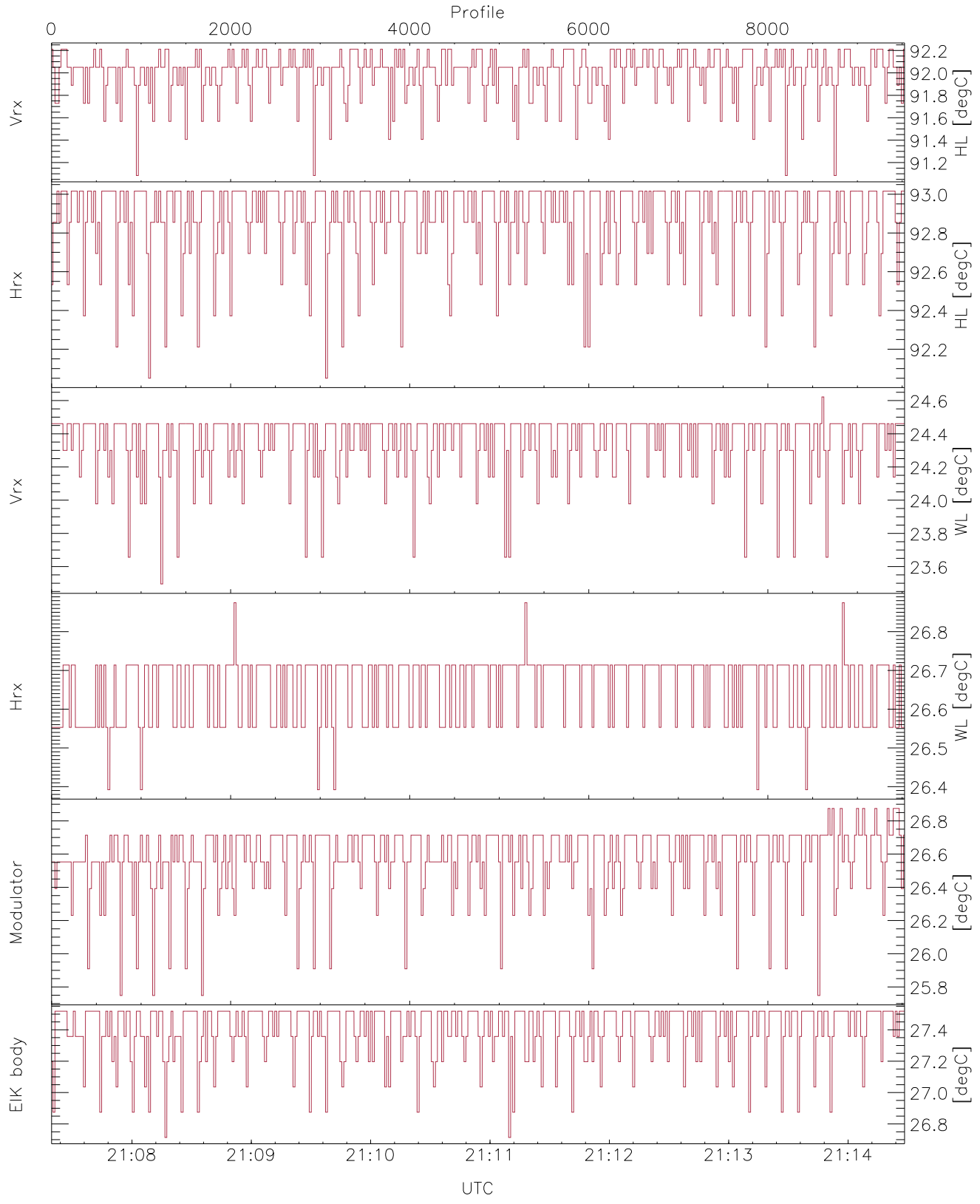


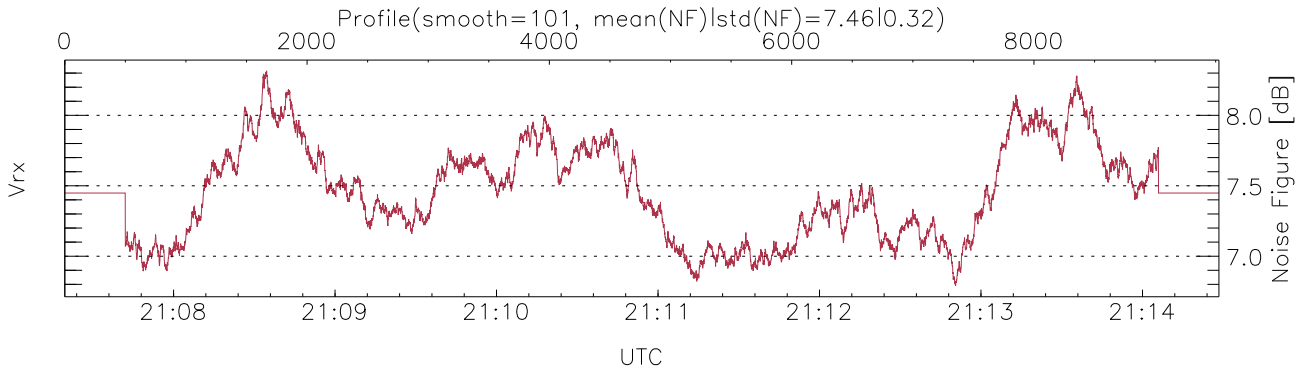
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

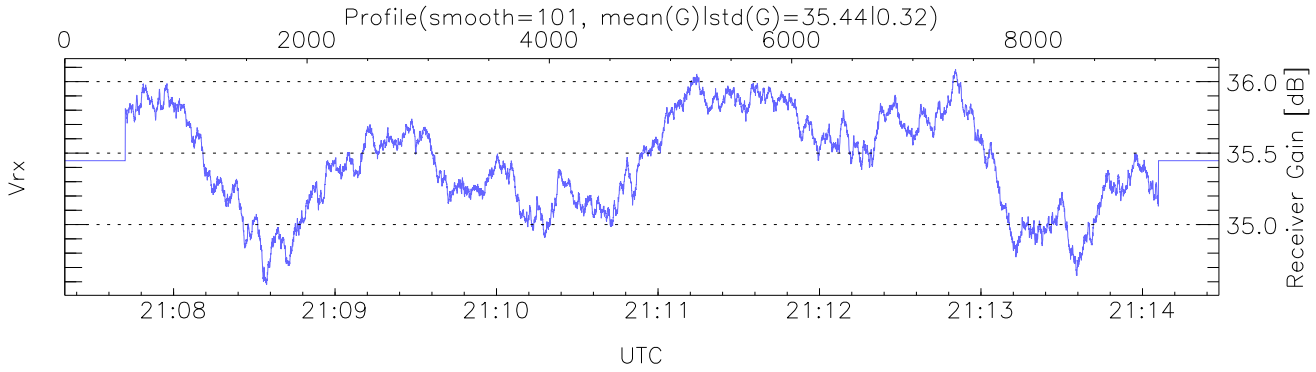
UTC: 21:07:20-21:14:28, TimeCor: 0.00s, Dur: 428.82s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 9528/9528, 0-9527/21:07:20-21:14:28
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

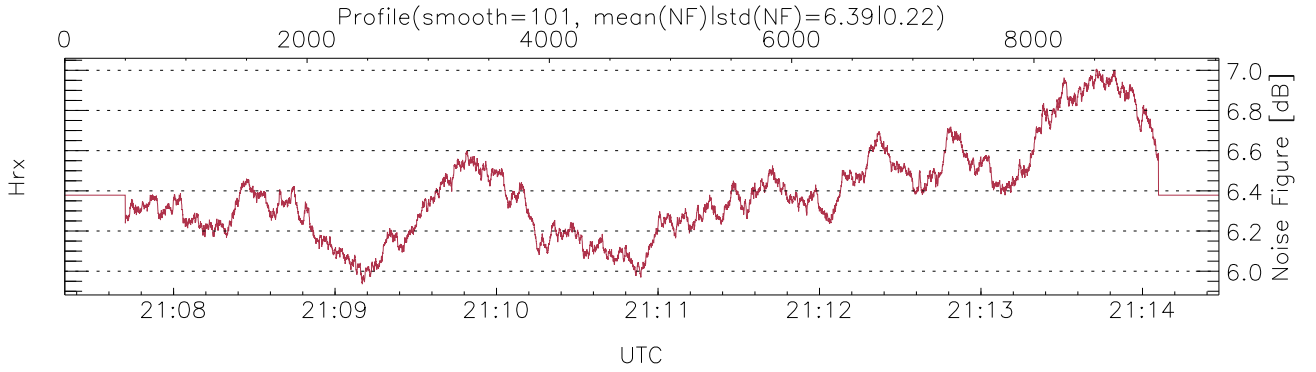


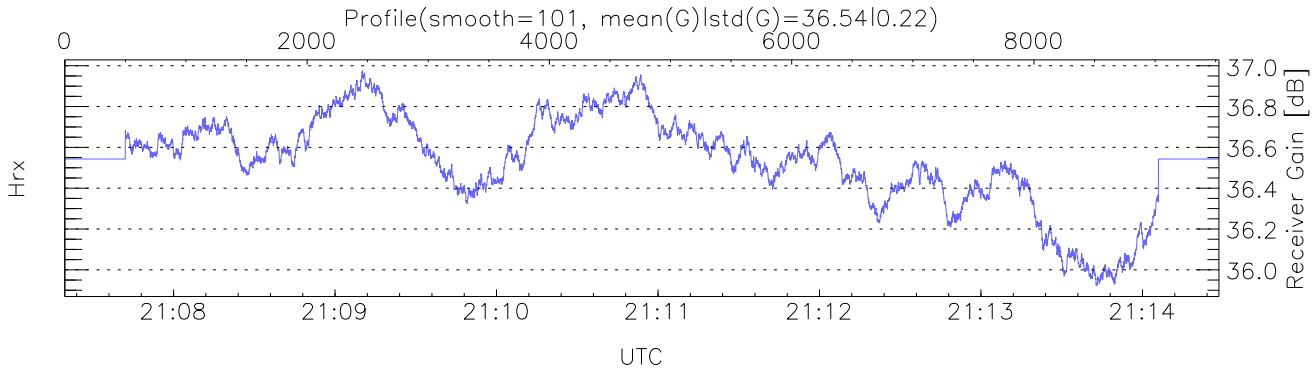
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
BodyCurr,DeckF,OverDuty (22,22,22)



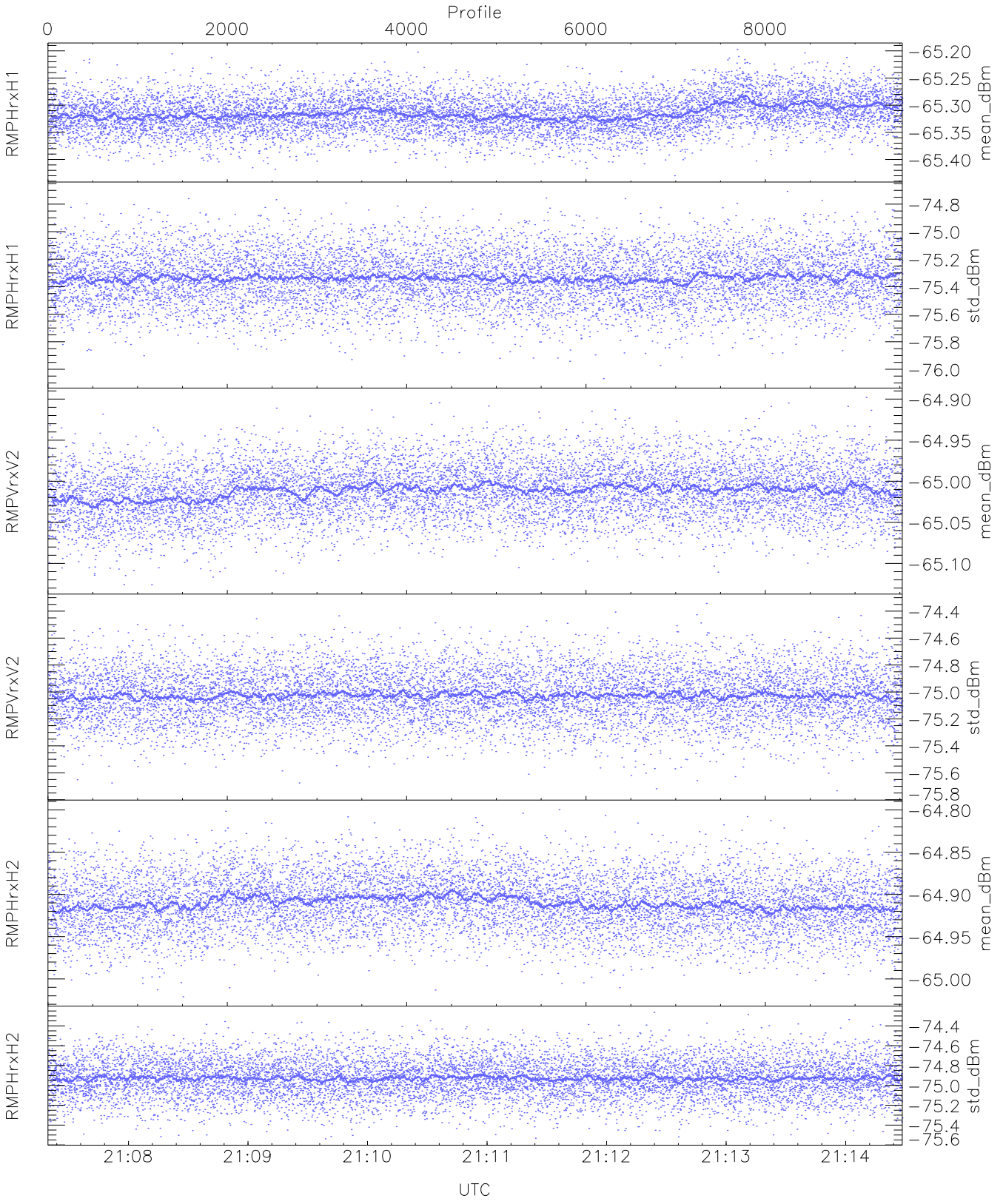






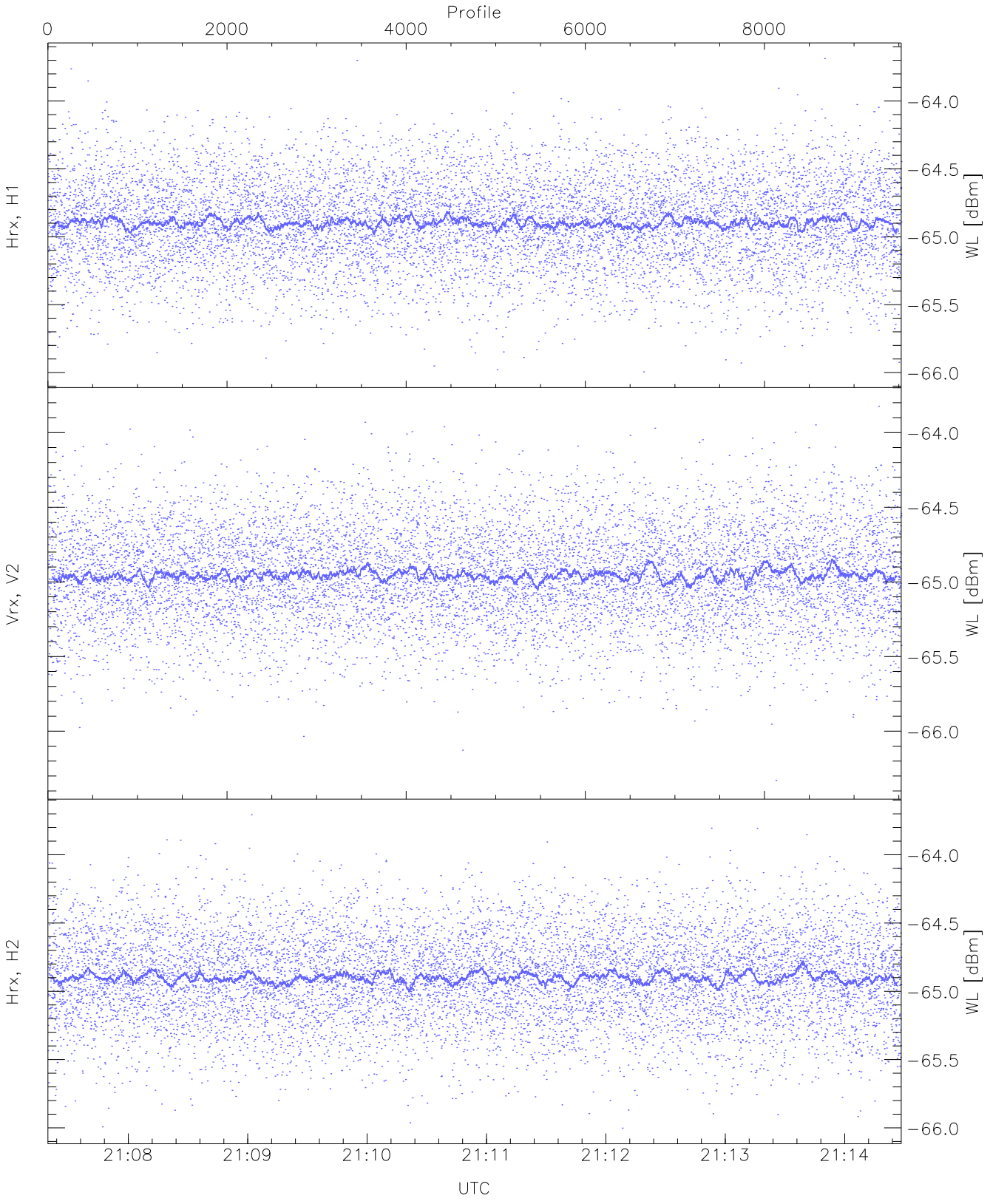
WCR3 CPP Receivers Gain and Noise Figure

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



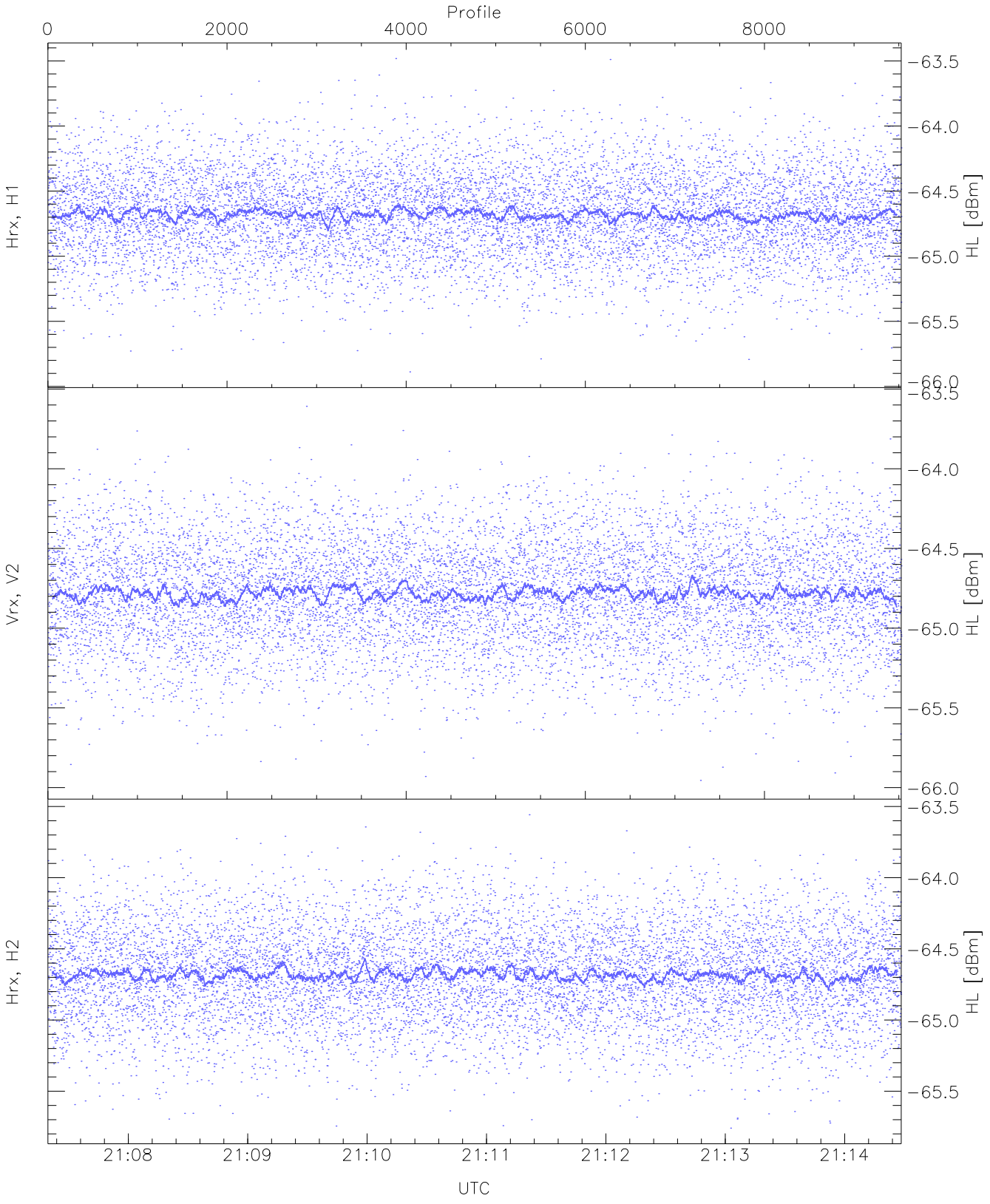
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.20	-65.32	-65.32	-86.70
RMPHrxH1(std_dBm)	-76.07	-74.71	-75.34	-75.34	-89.10
RMPVrxV2(mean_dBm)	-65.13	-64.90	-65.01	-65.01	-86.52
RMPVrxV2(std_dBm)	-75.73	-74.34	-75.03	-75.03	-88.82
RMPHrxH2(mean_dBm)	-65.02	-64.80	-64.91	-64.91	-86.42
RMPHrxH2(std_dBm)	-75.54	-74.26	-74.93	-74.93	-88.72



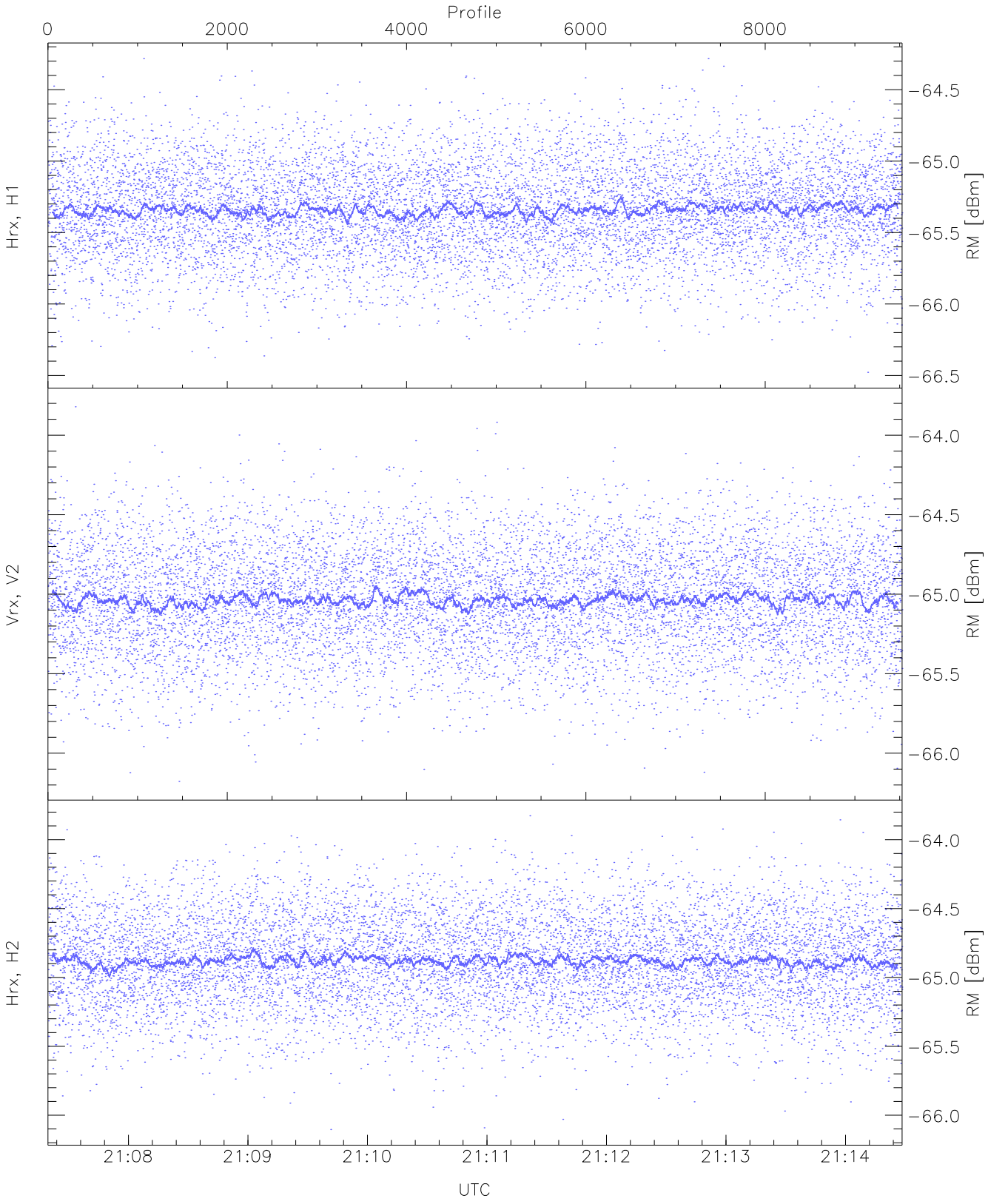
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.00	-63.69	-64.89	-64.90	-76.43
Vrx, V2(WL [dBm])	-66.33	-63.82	-64.95	-64.96	-76.51
Hrx, H2(WL [dBm])	-66.00	-63.71	-64.89	-64.90	-76.37



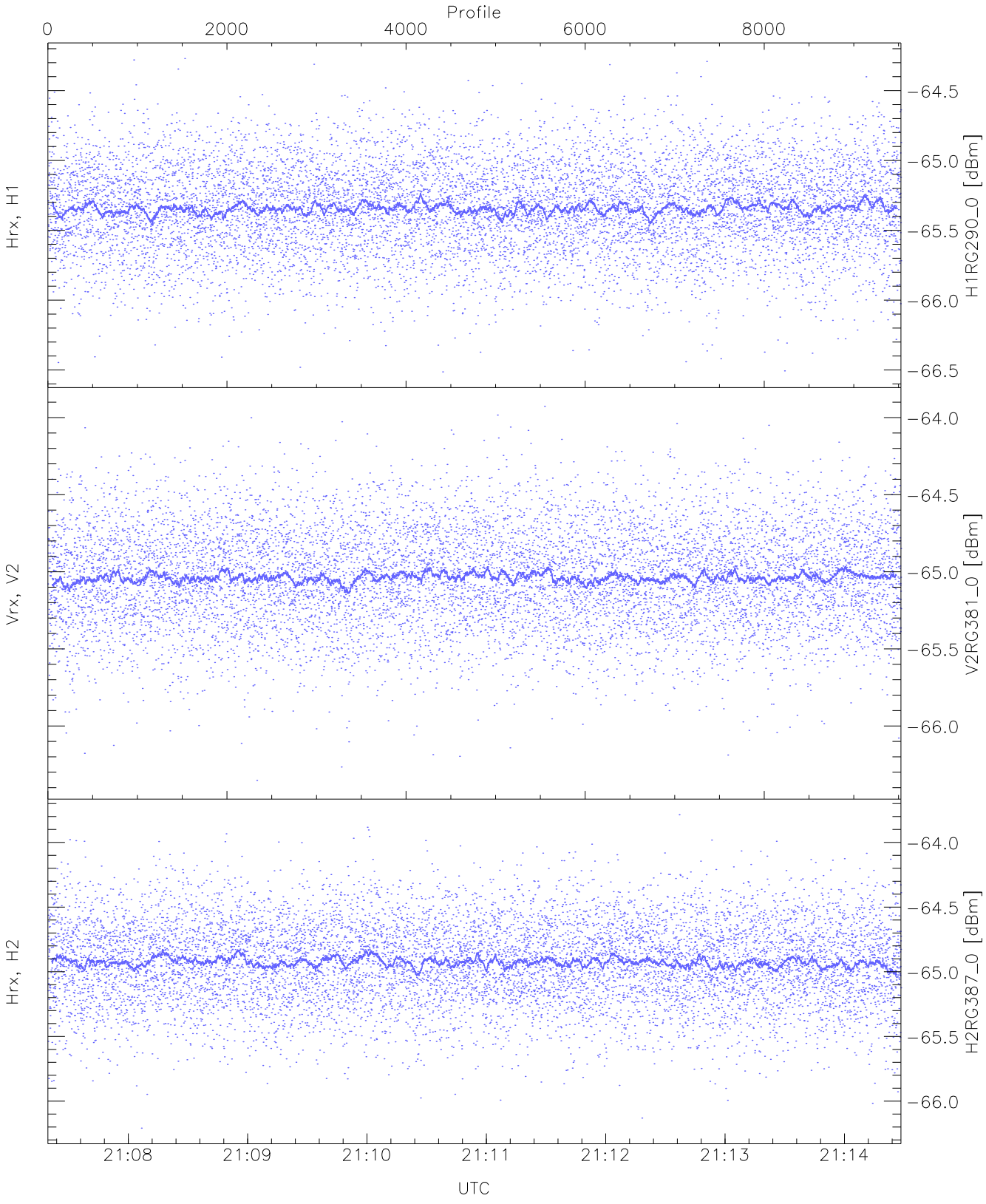
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.89	-63.48	-64.67	-64.68	-76.19
Vrx, V2(HL [dBm])	-65.95	-63.61	-64.77	-64.78	-76.32
Hrx, H2(HL [dBm])	-65.76	-63.56	-64.67	-64.68	-76.17



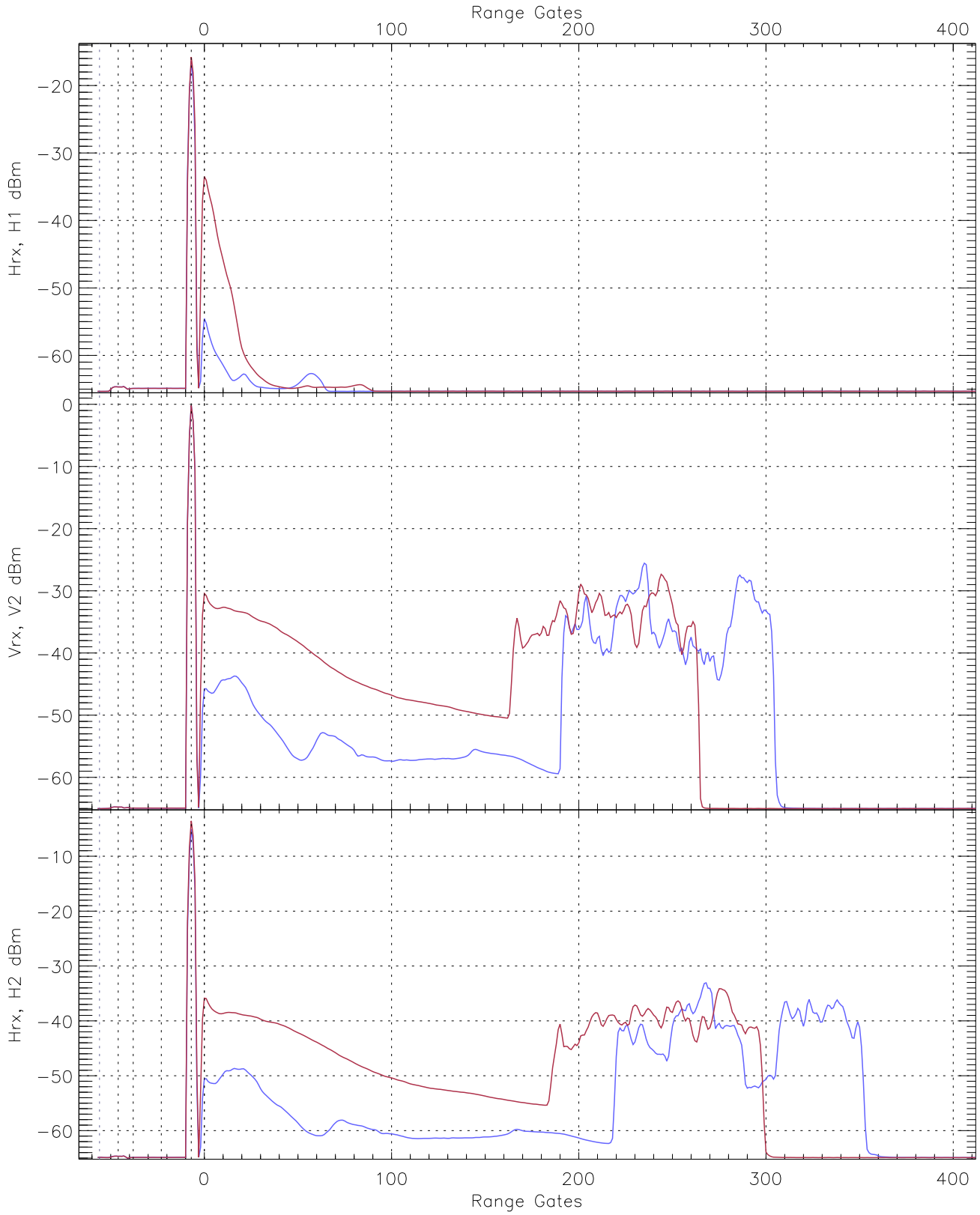
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.48	-64.28	-65.34	-65.34	-76.89
Vrx, V2(RM [dBm])	-66.18	-63.82	-65.03	-65.03	-76.52
Hrx, H2(RM [dBm])	-66.10	-63.83	-64.87	-64.88	-76.39

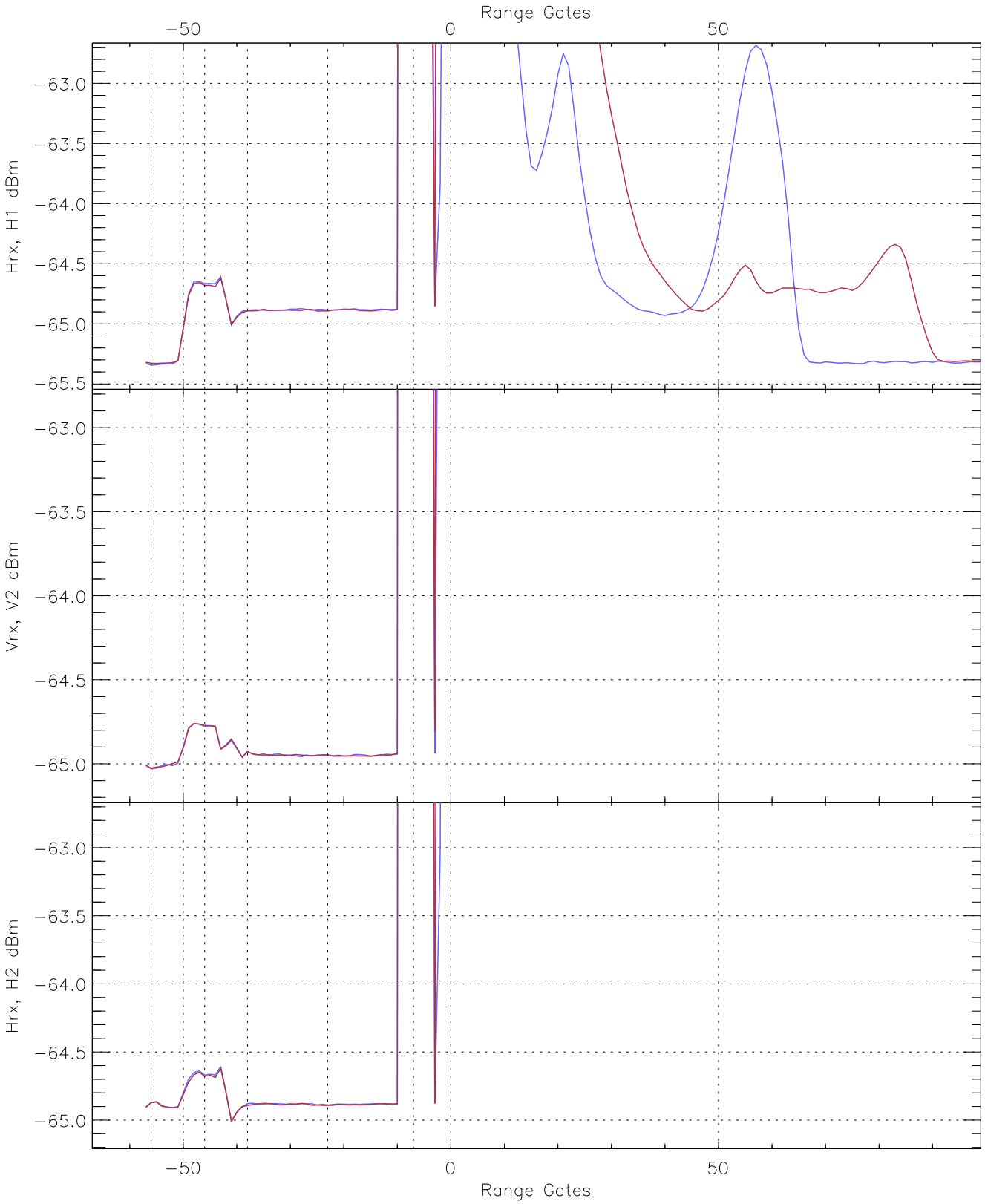


WCR3 CPP "Best" estimate Receivers Noise Power

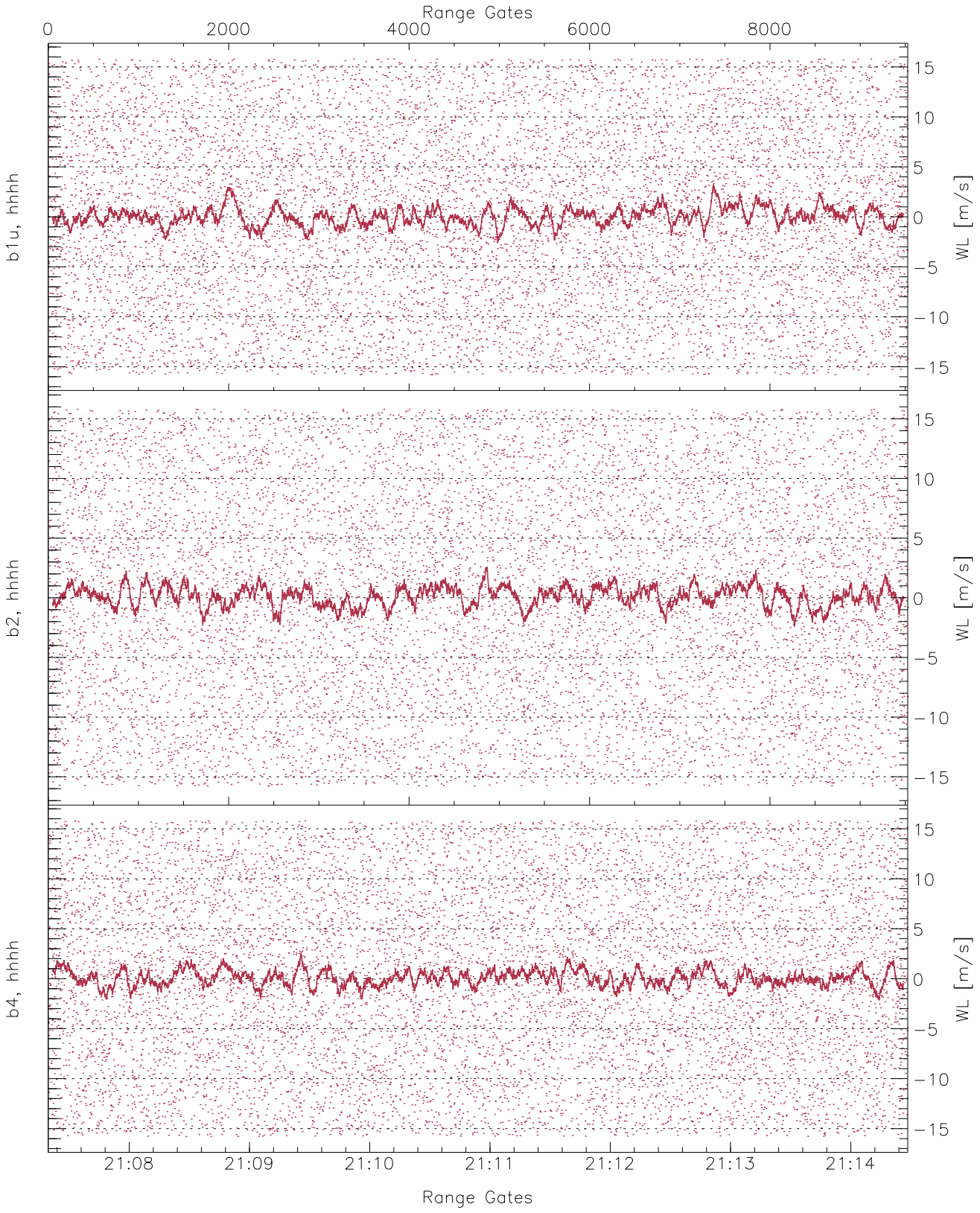
	Min	Max	Mean	Median	StDev
H1RG290_0 [dBm]	-66.51	-64.27	-65.34	-65.34	-76.90
V2RG381_0 [dBm]	-66.35	-63.93	-65.03	-65.04	-76.54
H2RG387_0 [dBm]	-66.21	-63.79	-64.92	-64.92	-76.44



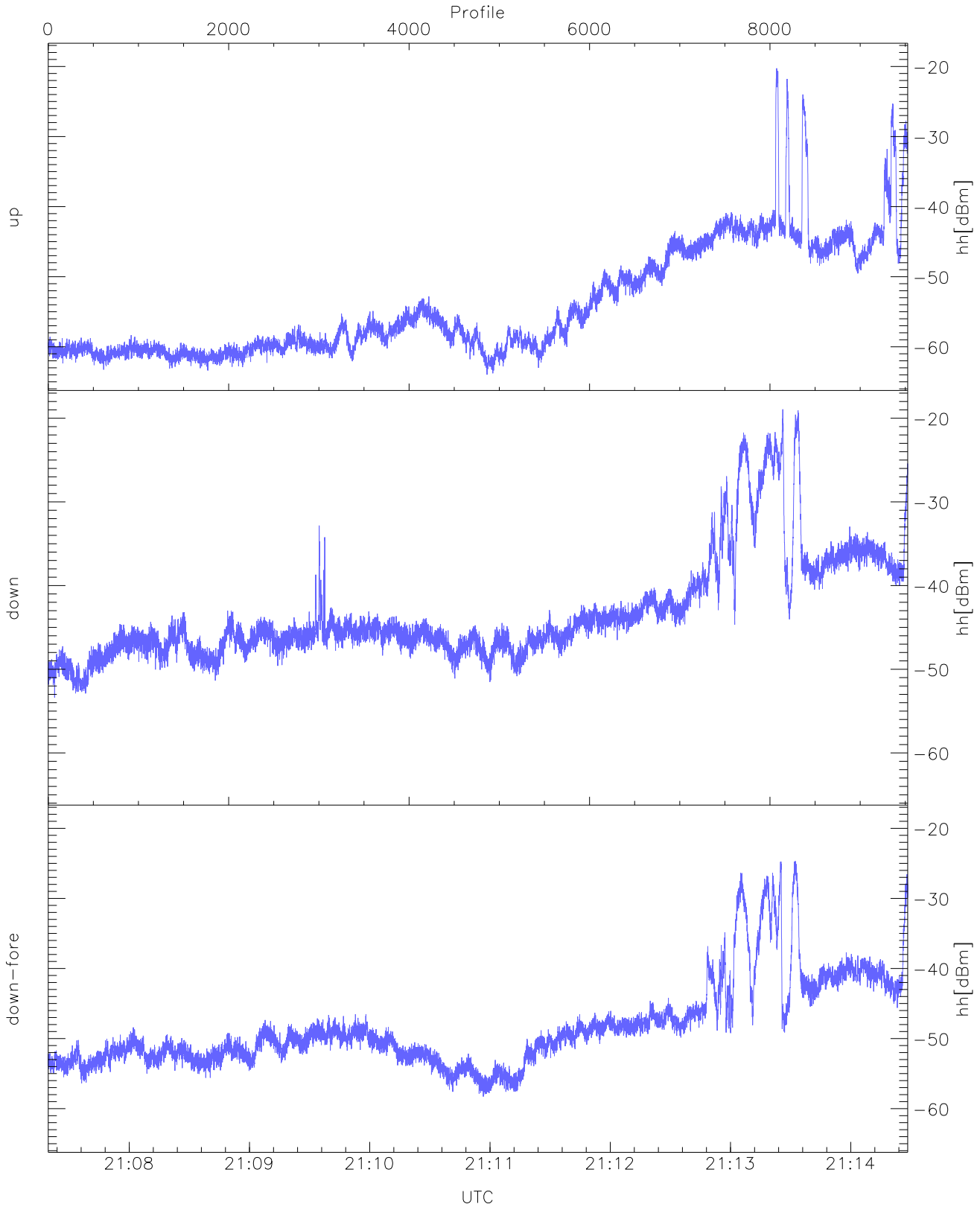
WCR3 CPP Averaged Received power for all recorded gates
blue: 210720-211054, 4765 profiles averaged
red: 211054-211428, 4764 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 210720-211054, 4765 profiles averaged
red: 211054-211428, 4764 profiles averaged

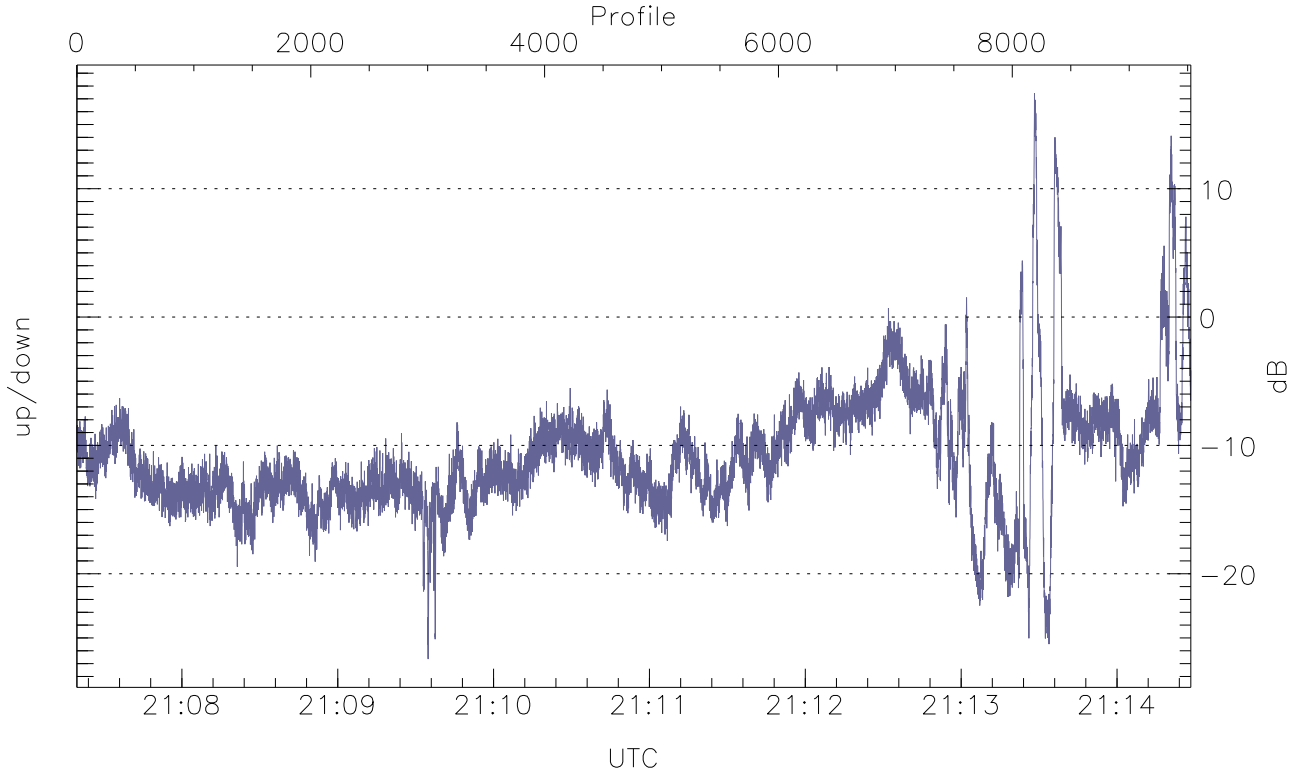


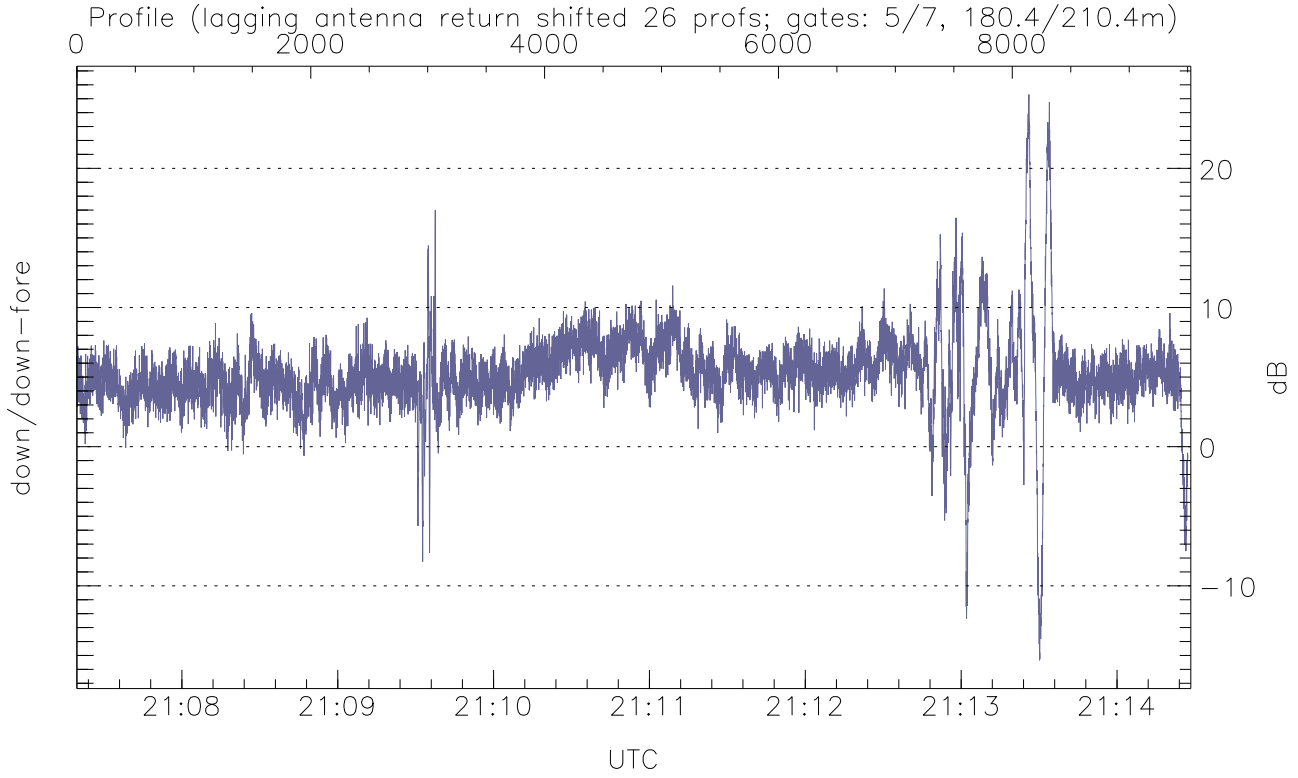
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

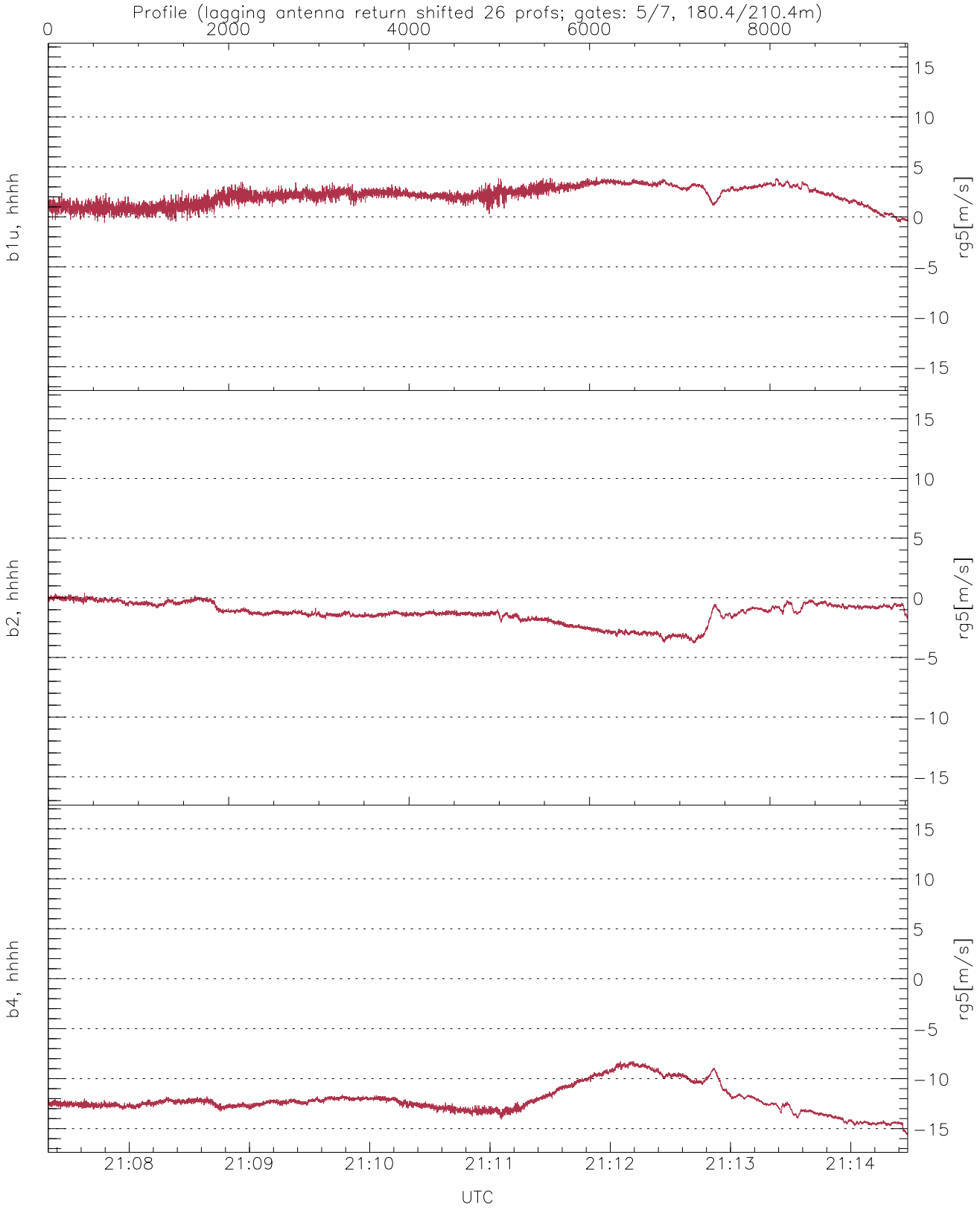
	Min	Max	Mean
up(hh[dBm])	-63.98	-20.26	-42.00
down(hh[dBm])	-53.38	-18.94	-35.47
down-fore(hh[dBm])	-58.28	-24.68	-40.93





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

	Min	Max	Mean
up/down(dB)	-26.65	17.43	-10.77
down/down-fore(dB)	-15.35	25.30	5.27



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.60	3.99	2.13	0.95
b2, hhhh(rg5[m/s])	-3.82	0.41	-1.31	0.88
b4, hhhh(rg5[m/s])	-15.58	-8.26	-12.14	1.43