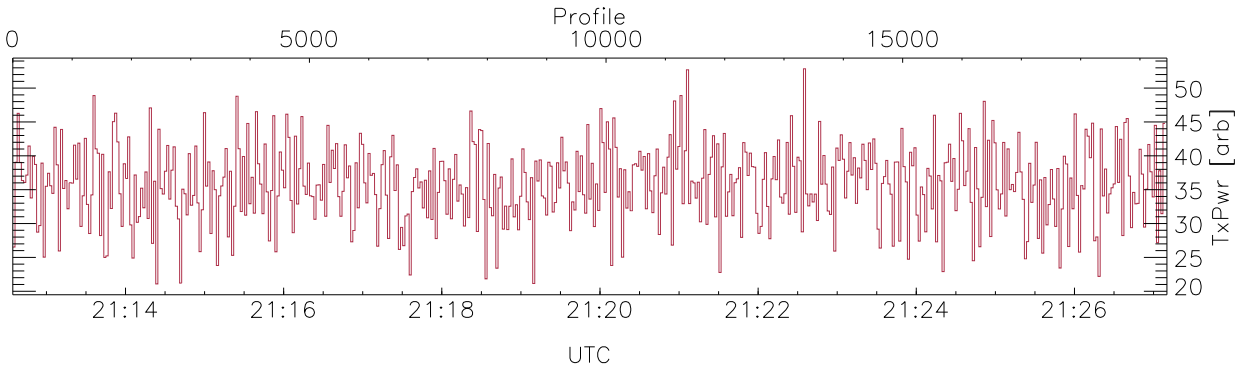
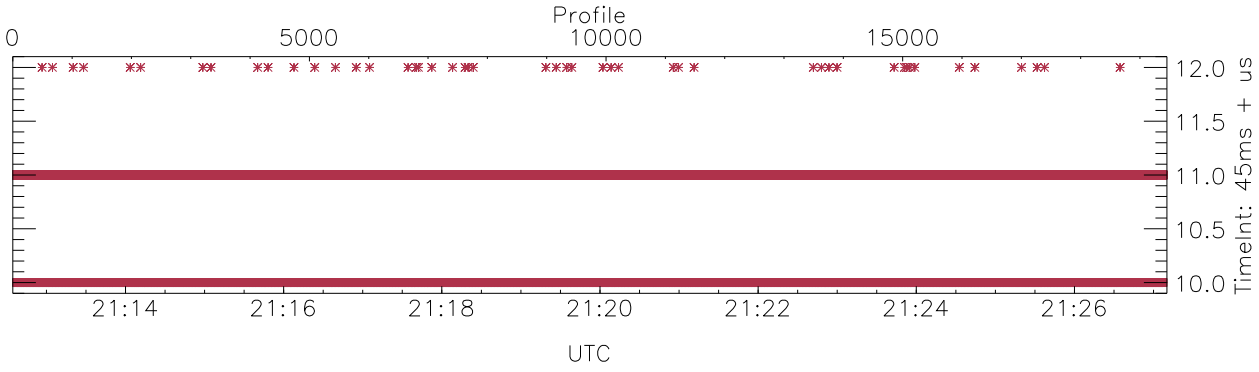
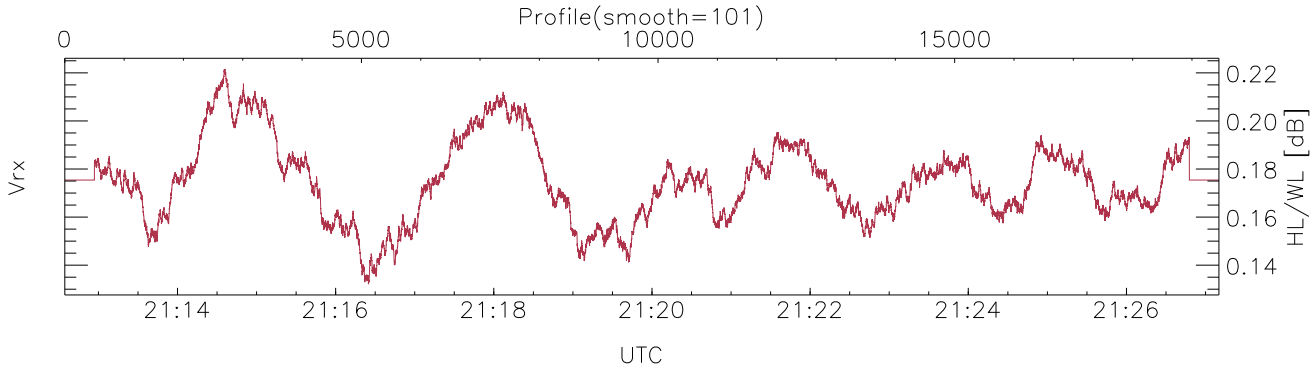
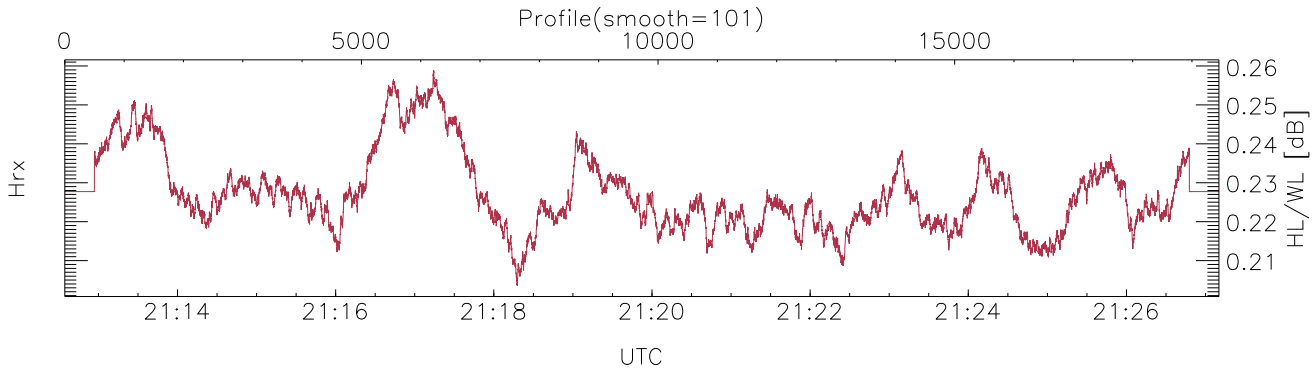


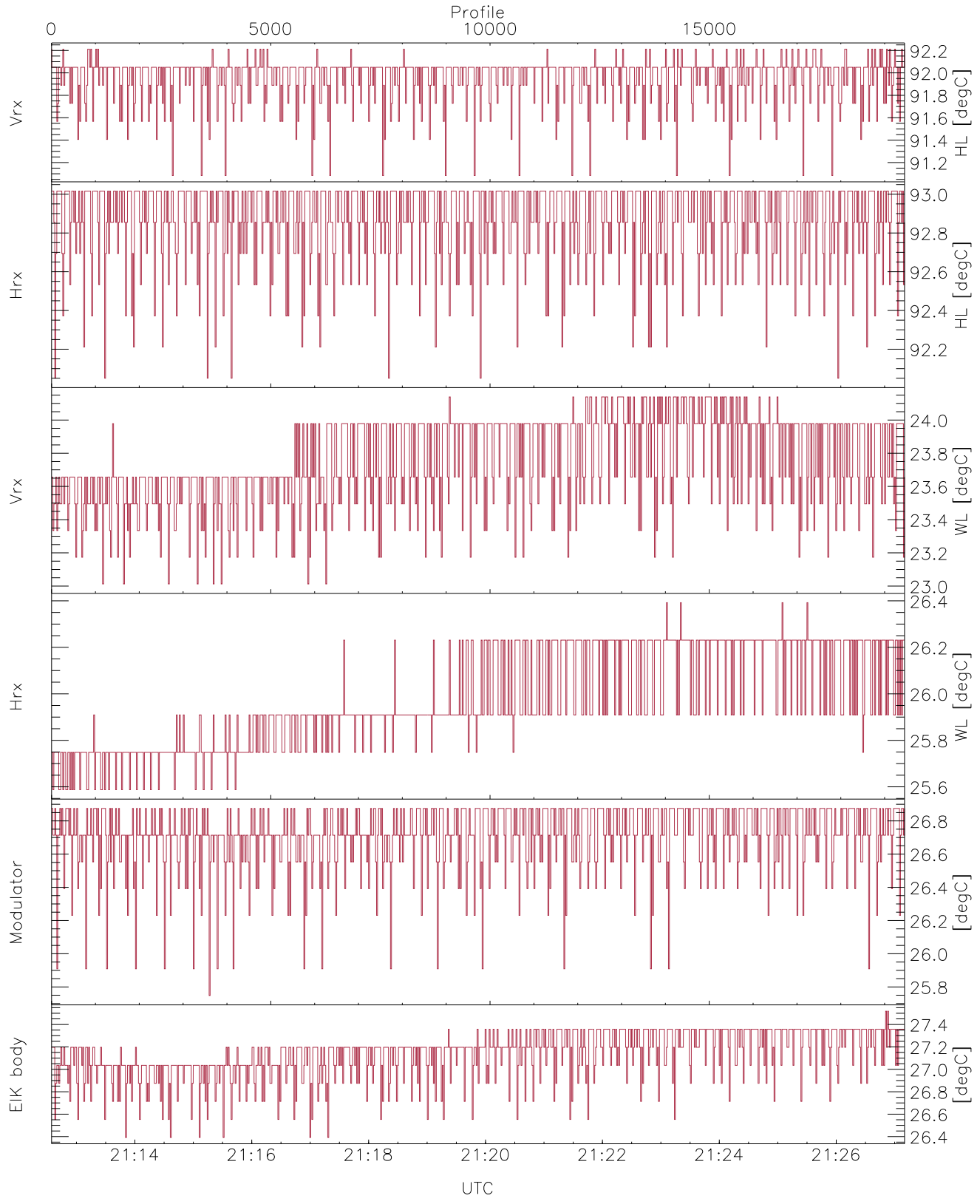






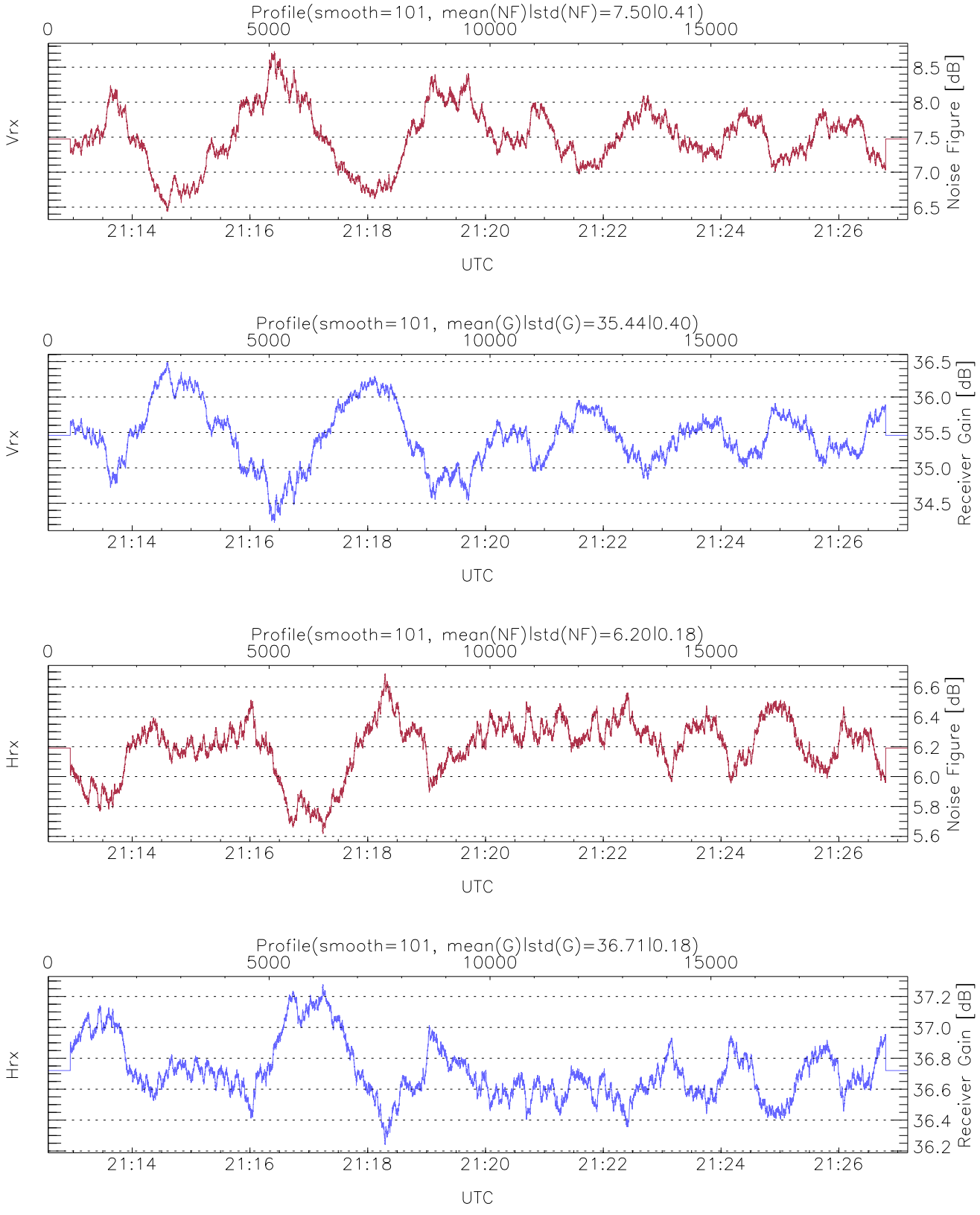
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:12:34-21:27:10, TimeCor: 0.00s, Dur: 875.69s
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): 19456/19456, 0-19455/21:12:34-21:27:10
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



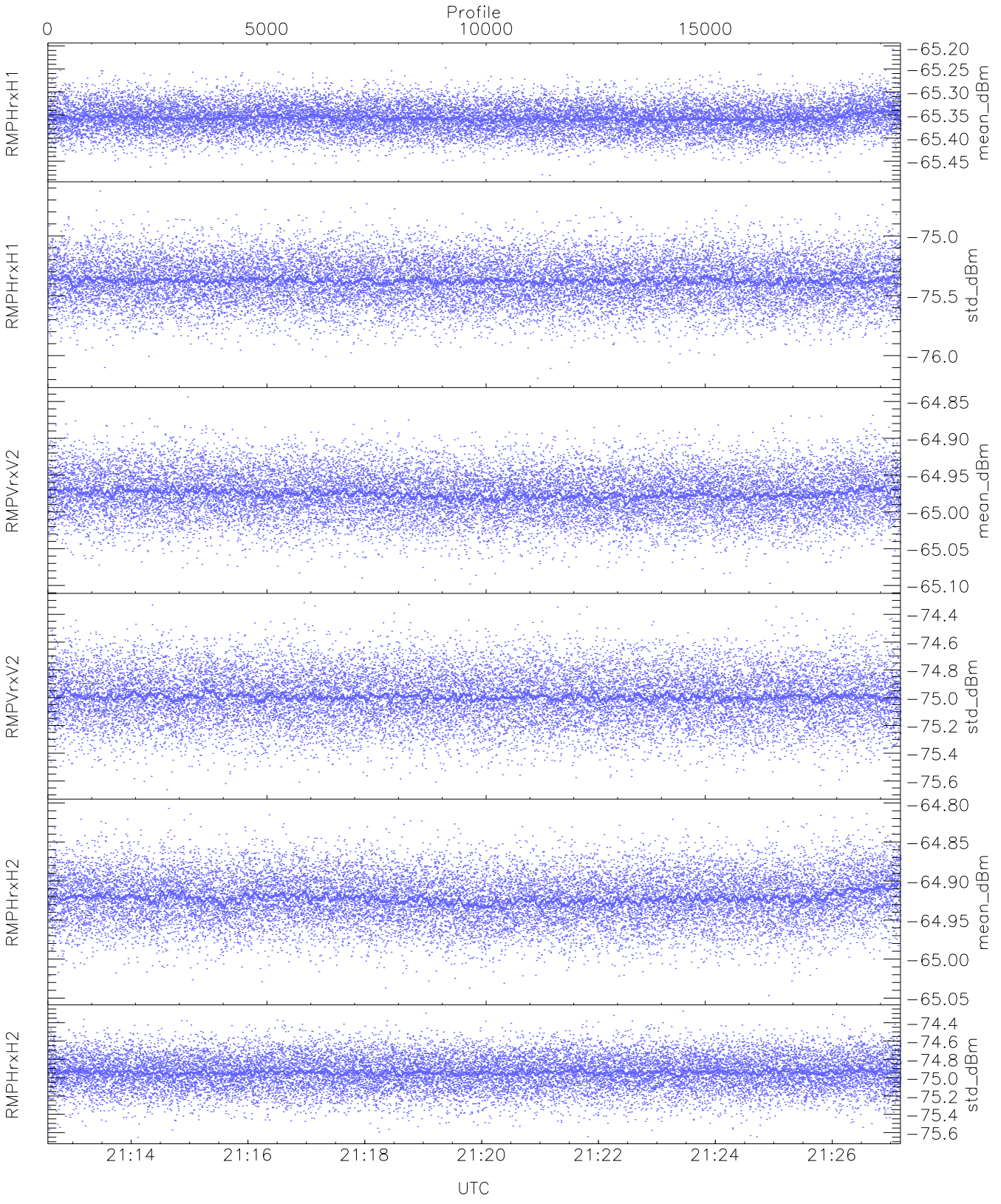
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): 0,0,70,0
EIK/Modulator Faults: None



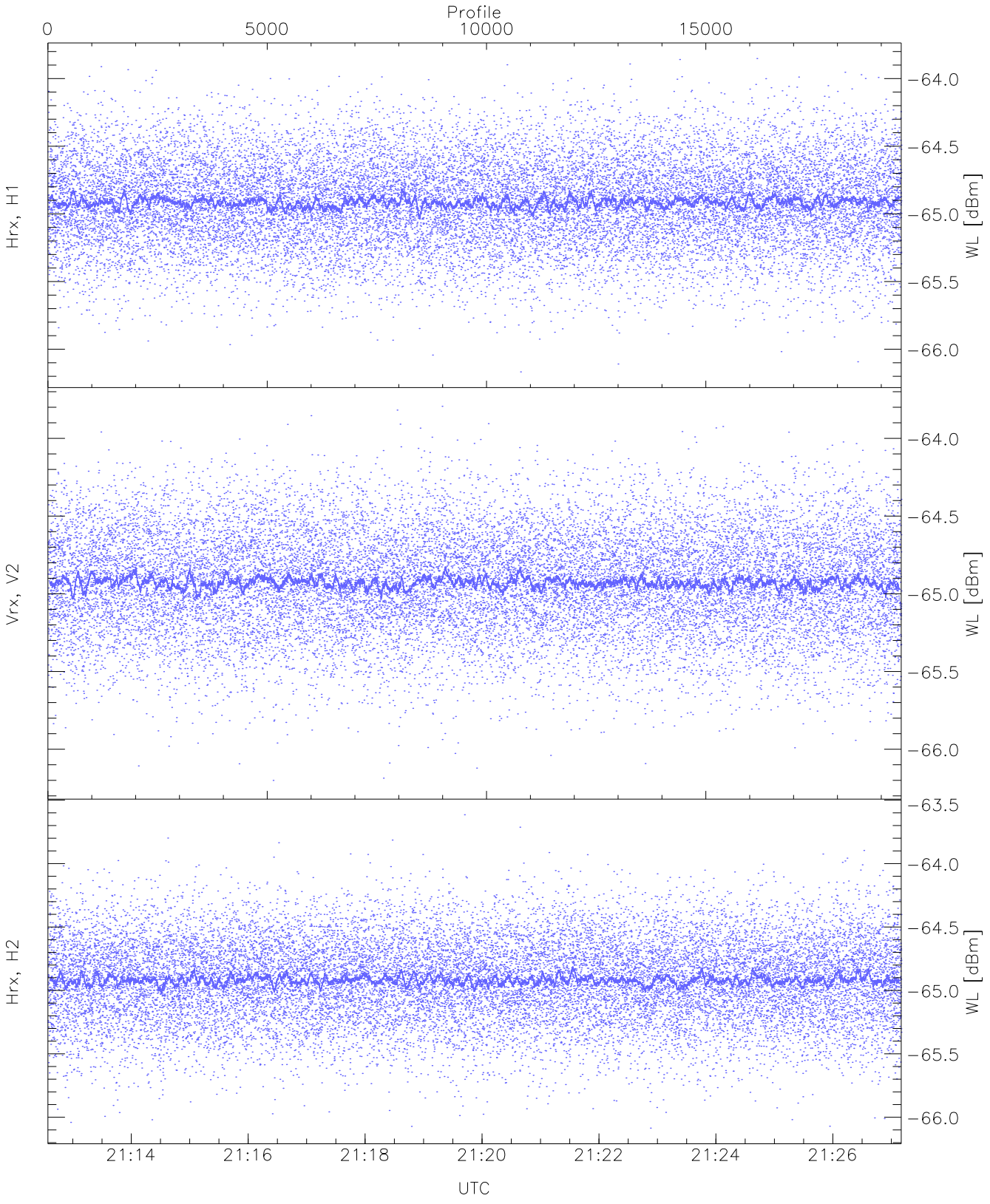
WCR3 CPP Receivers Gain and Noise Figure

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



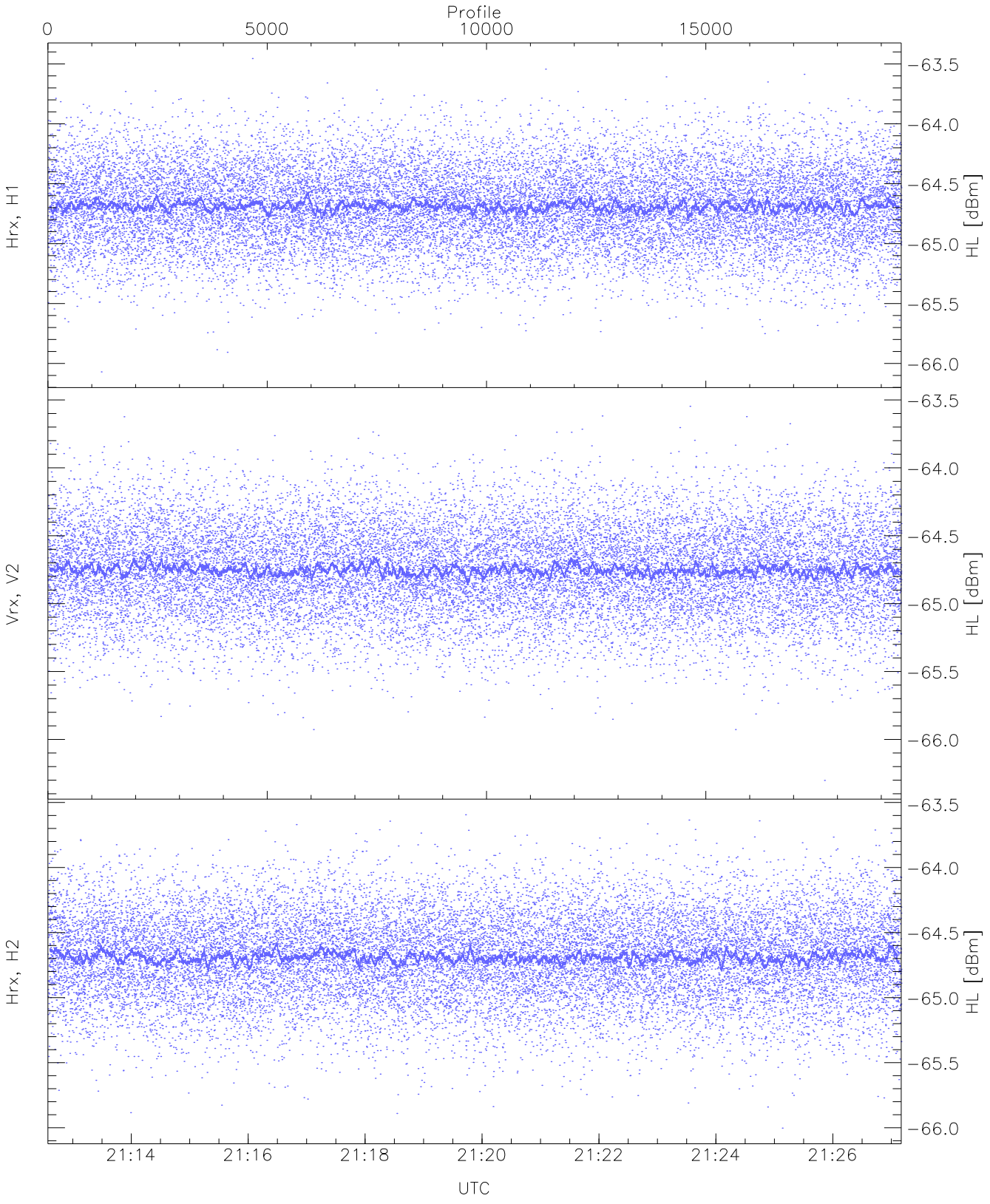
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.48	-65.21	-65.36	-65.36	-86.93
RMPHrxH1(std_dBm)	-76.19	-74.63	-75.37	-75.38	-89.18
RMPVrxV2(mean_dBm)	-65.10	-64.84	-64.98	-64.98	-86.53
RMPVrxV2(std_dBm)	-75.66	-74.32	-74.99	-75.00	-88.81
RMPHrxH2(mean_dBm)	-65.05	-64.81	-64.92	-64.92	-86.49
RMPHrxH2(std_dBm)	-75.65	-74.27	-74.94	-74.94	-88.74



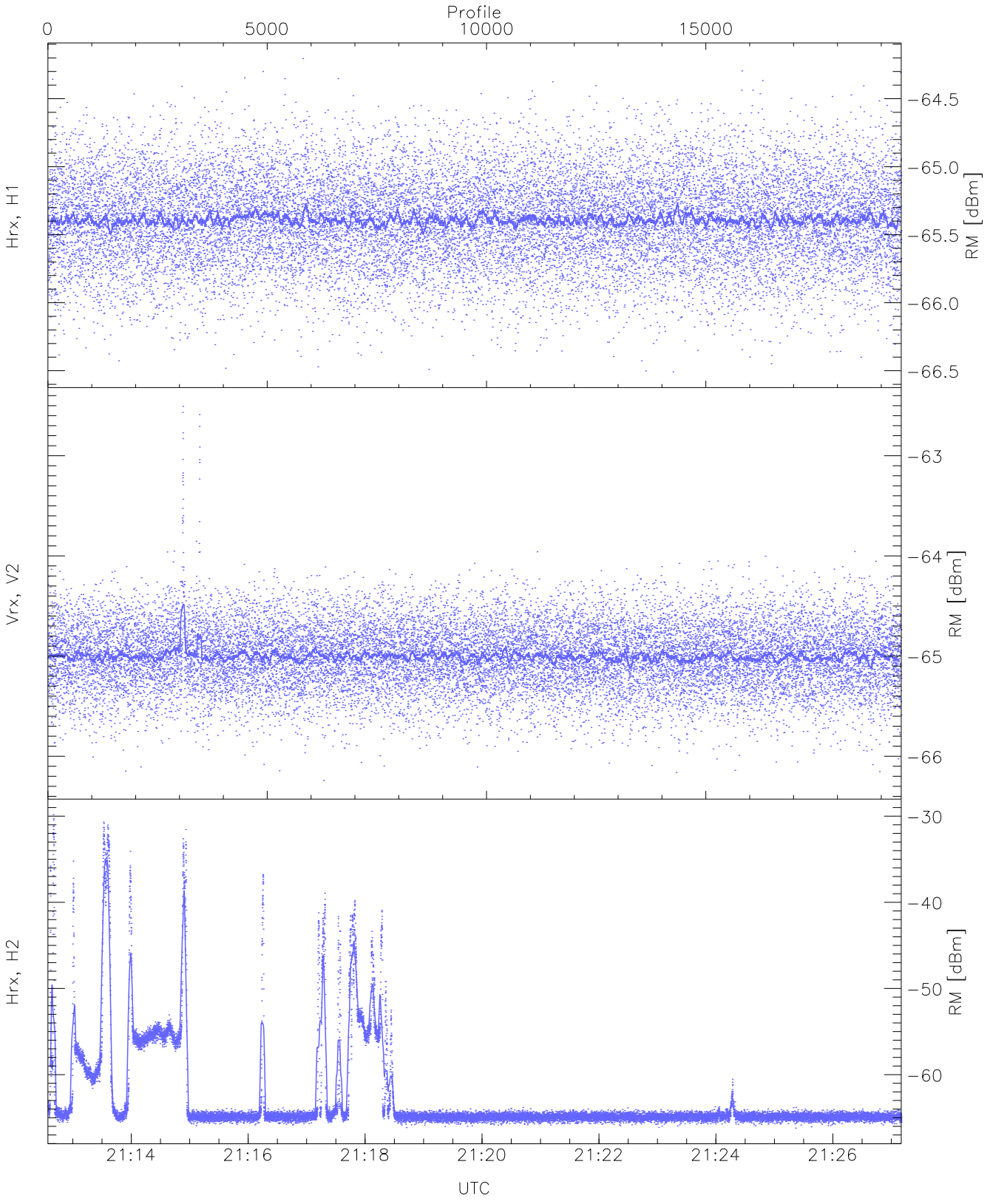
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.17	-63.85	-64.91	-64.91	-76.43
Vrx, V2(WL [dBm])	-66.20	-63.79	-64.92	-64.93	-76.41
Hrx, H2(WL [dBm])	-66.09	-63.62	-64.91	-64.92	-76.40



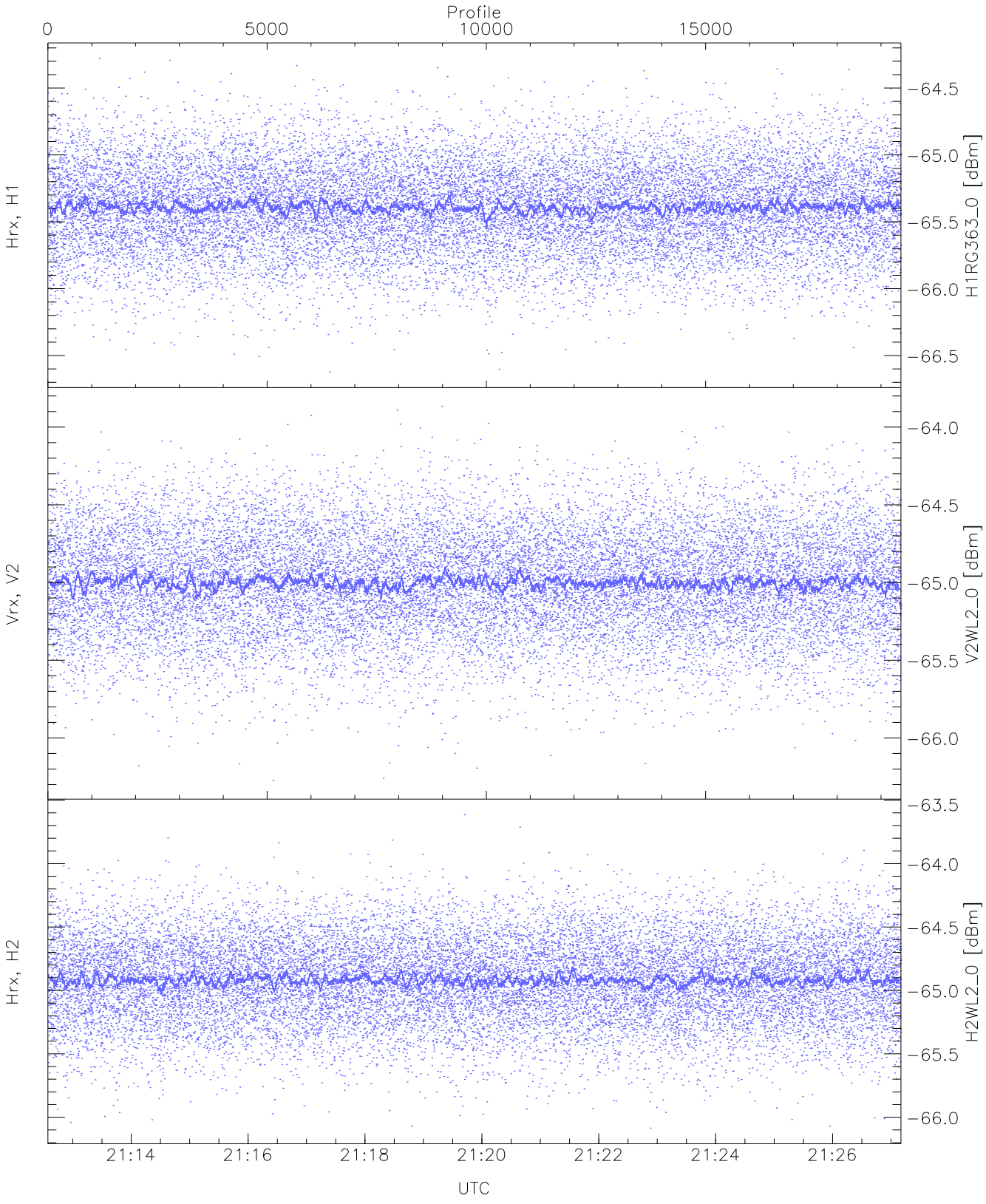
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.07	-63.46	-64.68	-64.69	-76.15
Vrx, V2(HL [dBm])	-66.30	-63.55	-64.74	-64.75	-76.30
Hrx, H2(HL [dBm])	-66.00	-63.59	-64.68	-64.68	-76.16



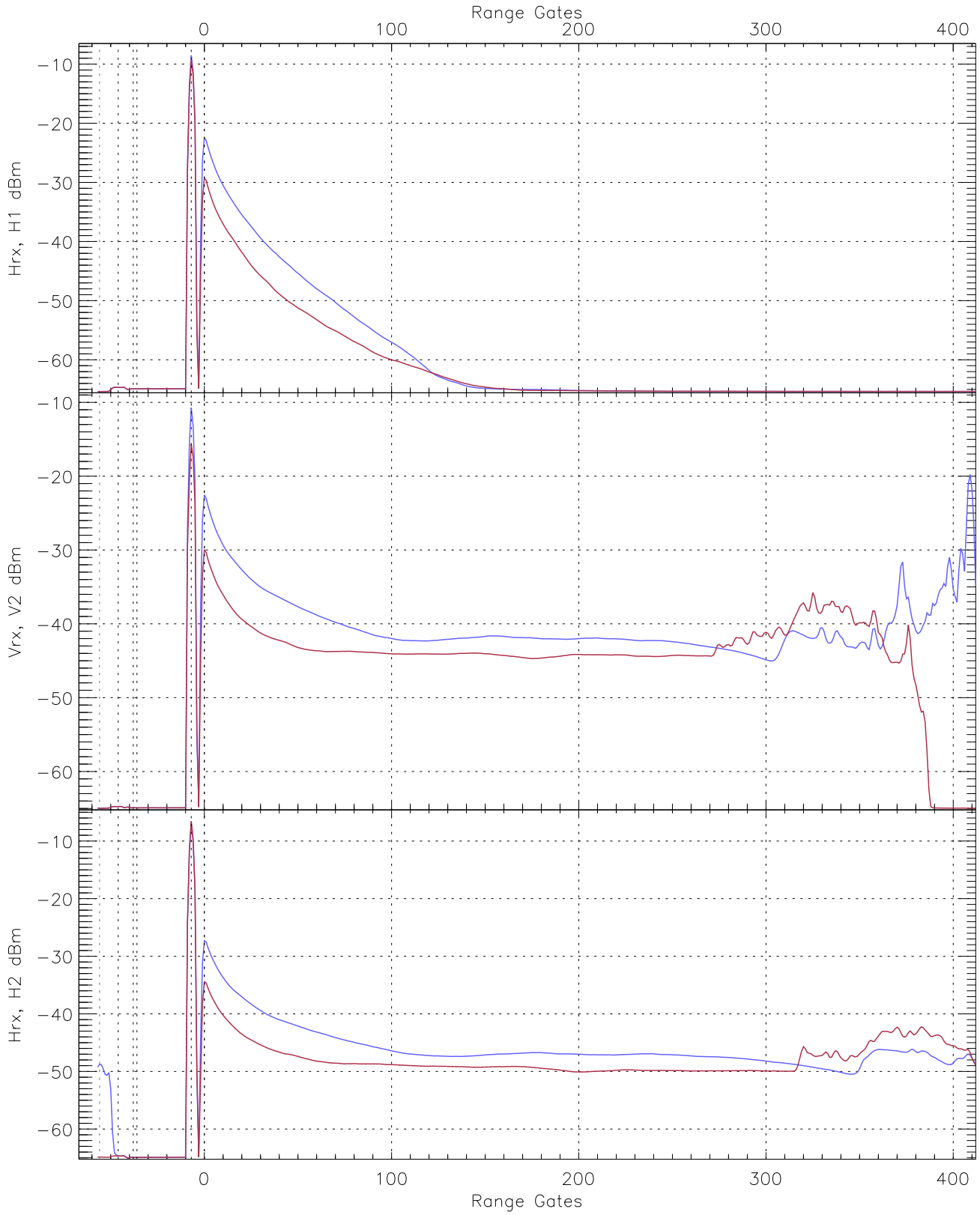
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.51	-64.21	-65.38	-65.39	-76.84
Vrx, V2(RM [dBm])	-66.24	-62.51	-64.99	-65.00	-76.34
Hrx, H2(RM [dBm])	-66.21	-29.84	-51.68	-64.77	-43.35

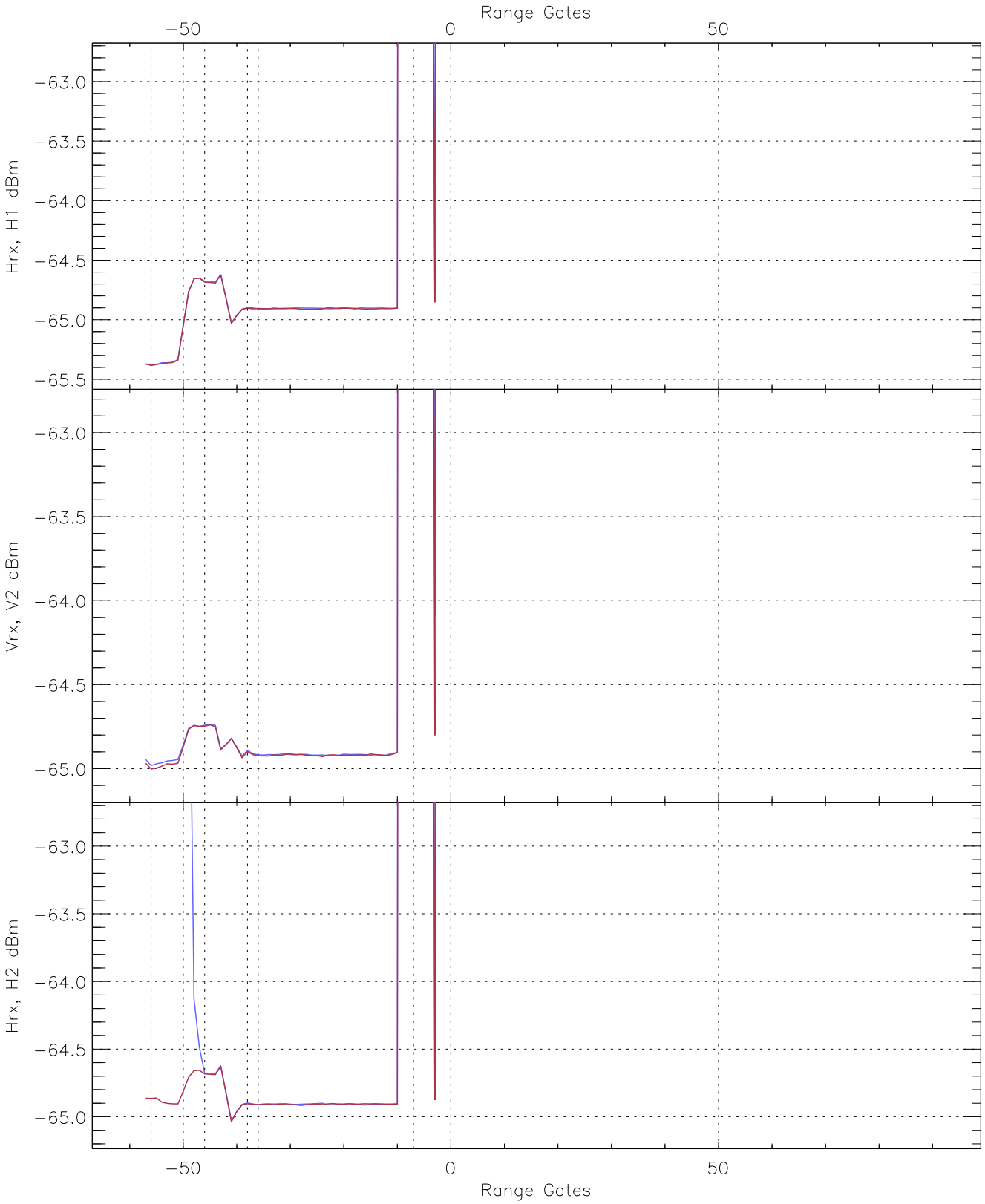


WCR3 CPP "Best" estimate Receivers Noise Power

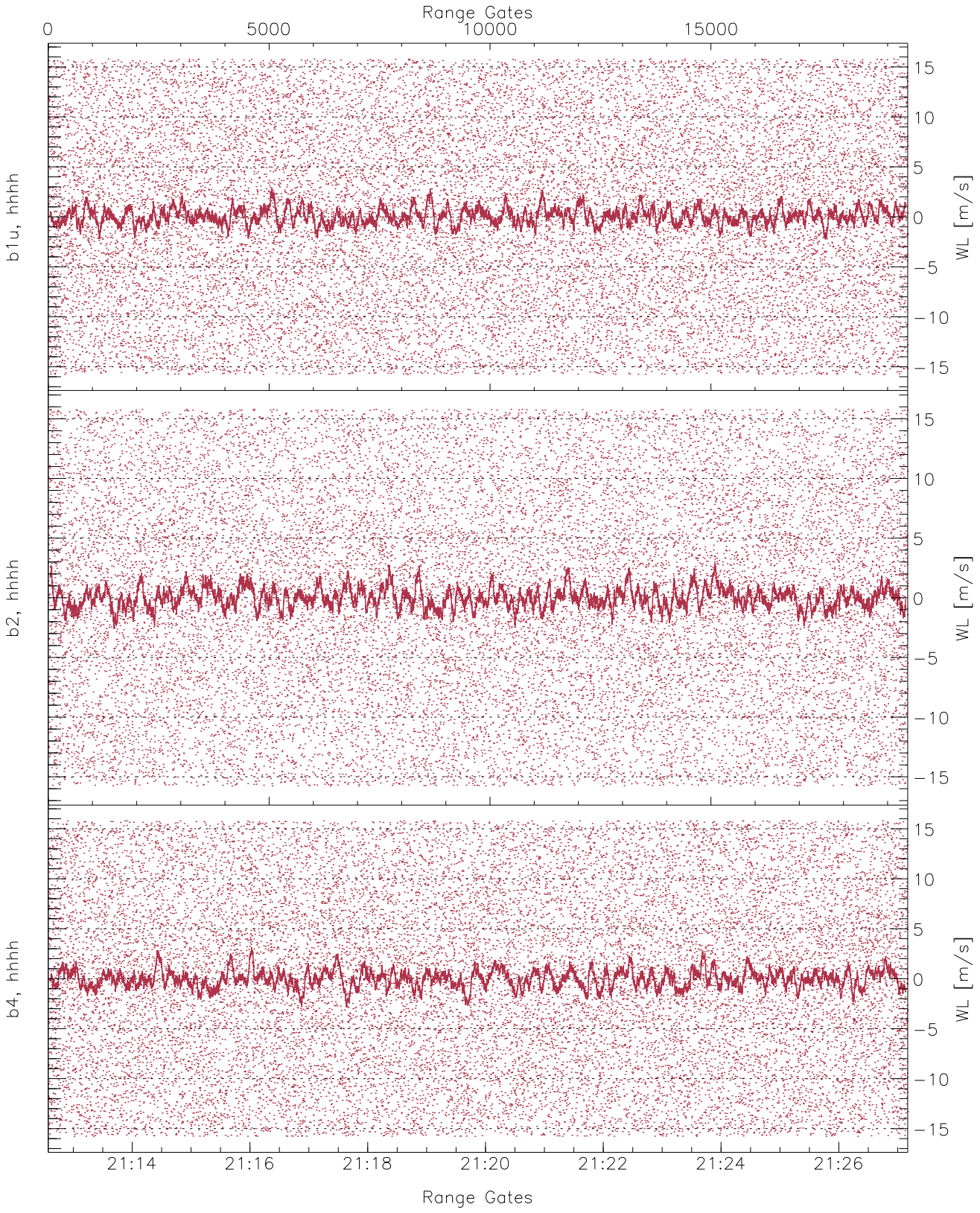
	Min	Max	Mean	Median	StDev
H1RG363_0 [dBm]	-66.62	-64.28	-65.38	-65.39	-76.87
V2WL2_0 [dBm]	-66.27	-63.87	-64.99	-65.00	-76.49
H2WL2_0 [dBm]	-66.09	-63.62	-64.91	-64.92	-76.40



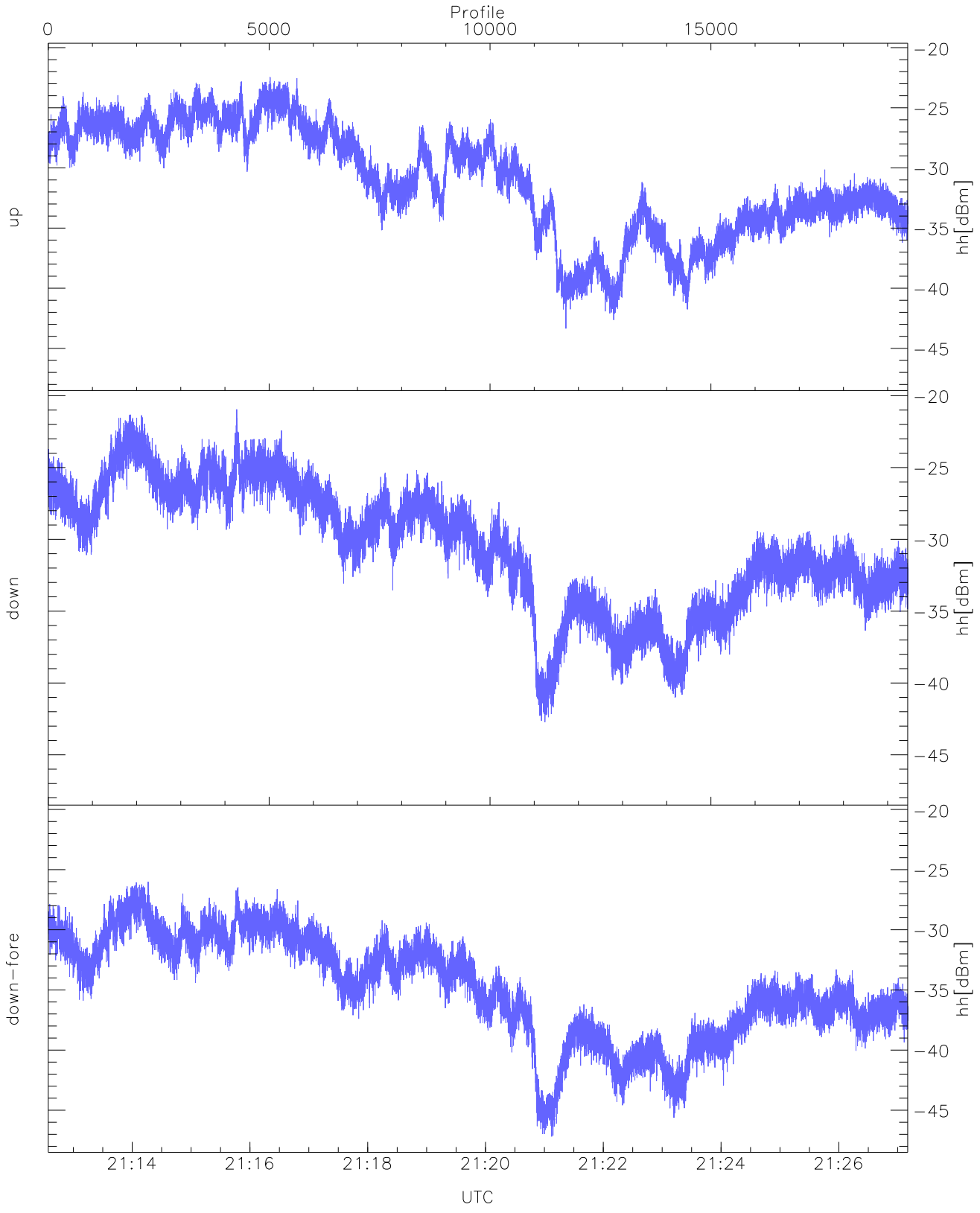
WCR3 CPP Averaged Received power for all recorded gates
blue: 211234-211952, 9729 profiles averaged
red: 211952-212710, 9728 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 211234-211952, 9729 profiles averaged
red: 211952-212710, 9728 profiles averaged

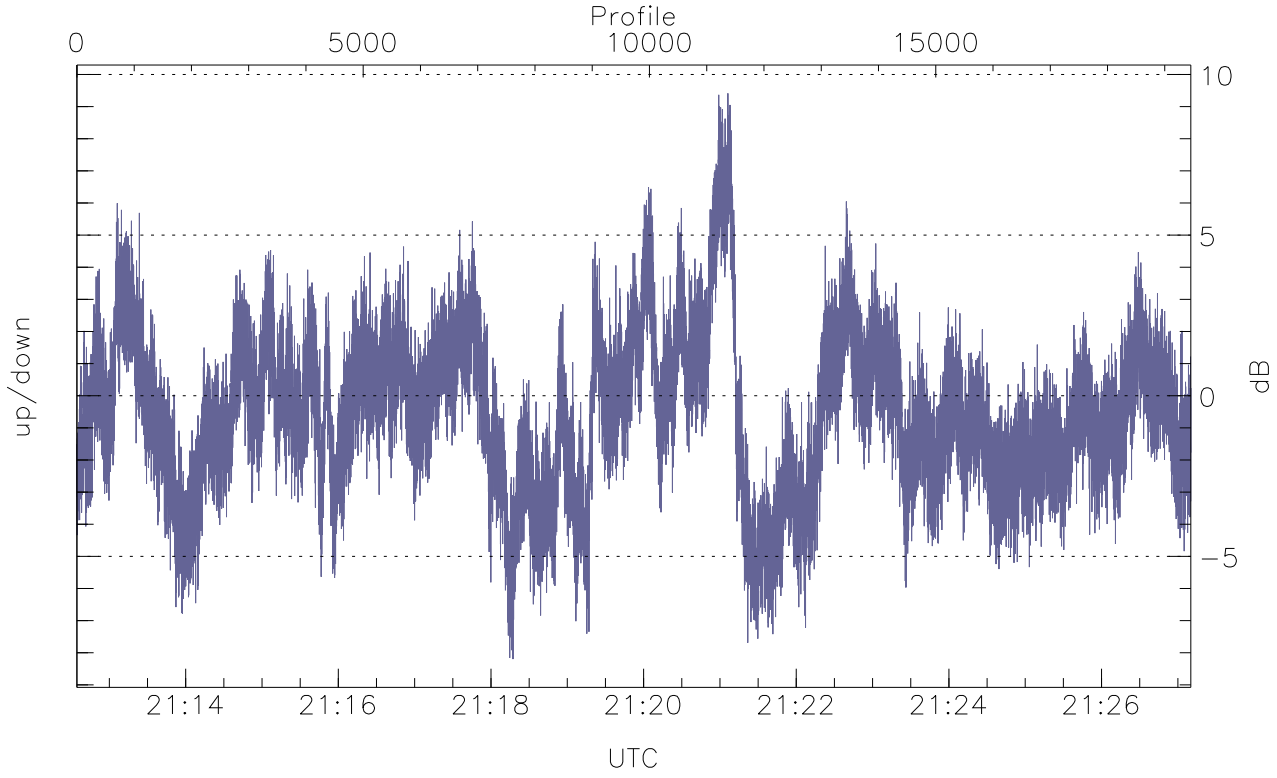


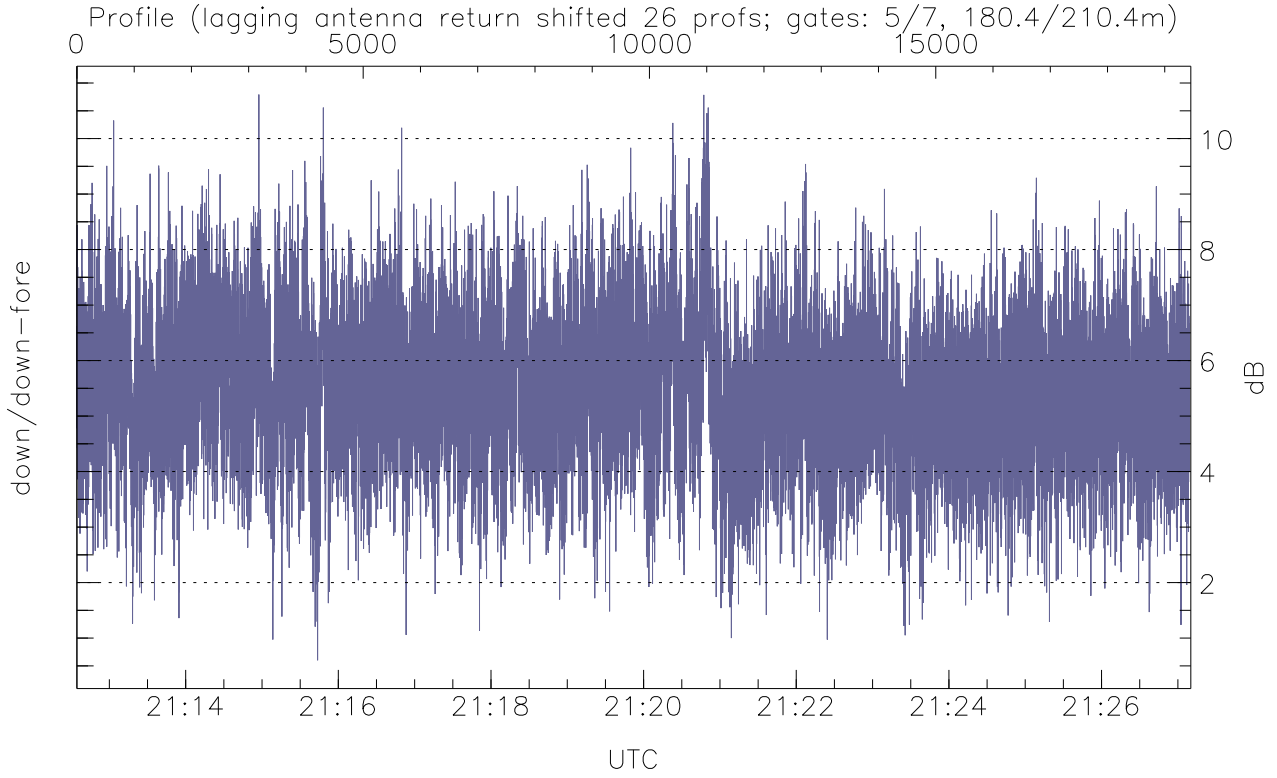
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

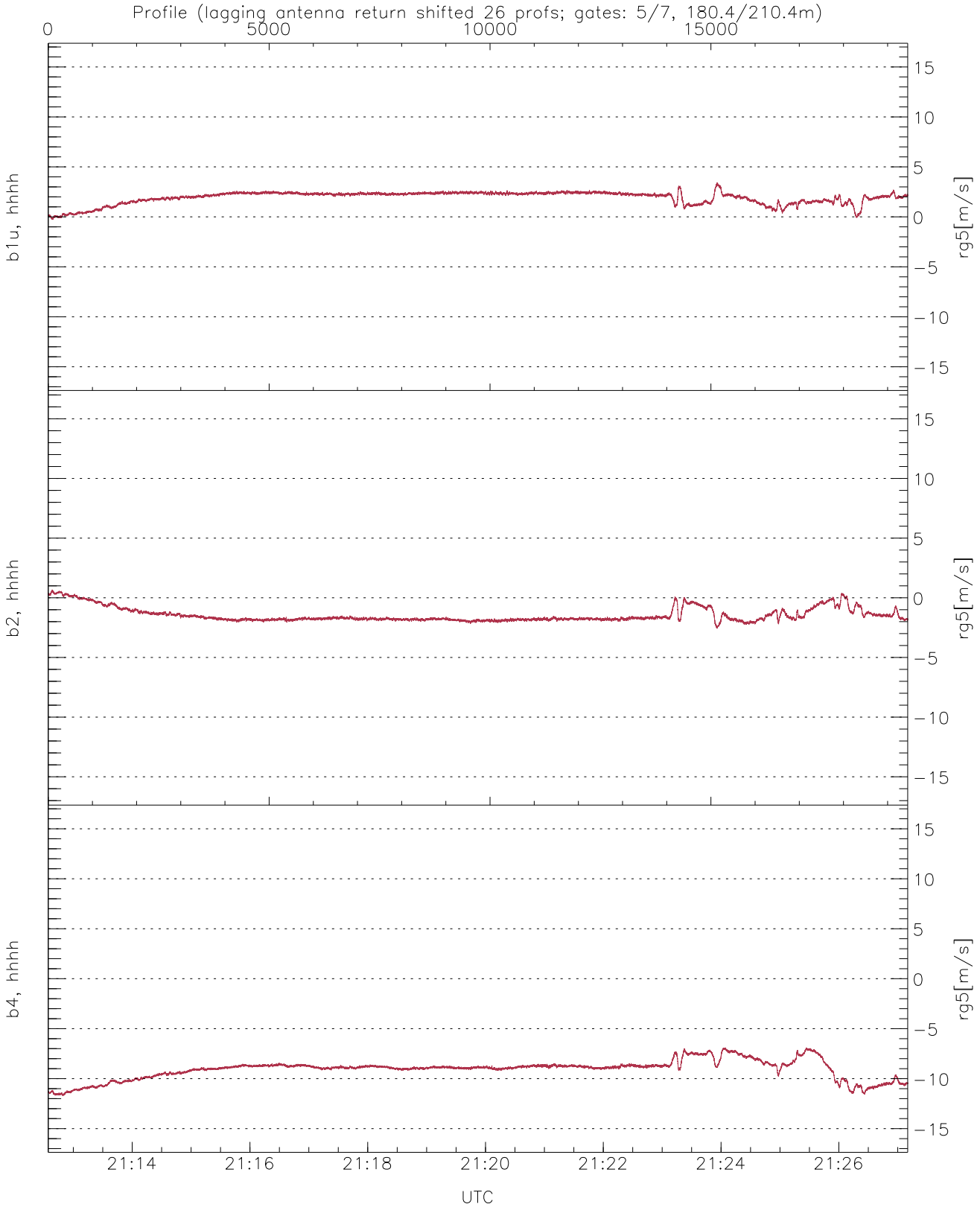
	Min	Max	Mean
up(hh[dBm])	-43.35	-22.46	-29.12
down(hh[dBm])	-42.73	-20.95	-28.71
down-fore(hh[dBm])	-47.19	-26.01	-33.06





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

	Min	Max	Mean
up/down(dB)	-8.20	9.41	-0.54
down/down-fore(dB)	0.60	10.79	5.46



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.29	3.40	1.92	0.63
b2, hhhh(rg5[m/s])	-2.57	0.68	-1.44	0.60
b4, hhhh(rg5[m/s])	-11.72	-6.90	-9.07	0.98