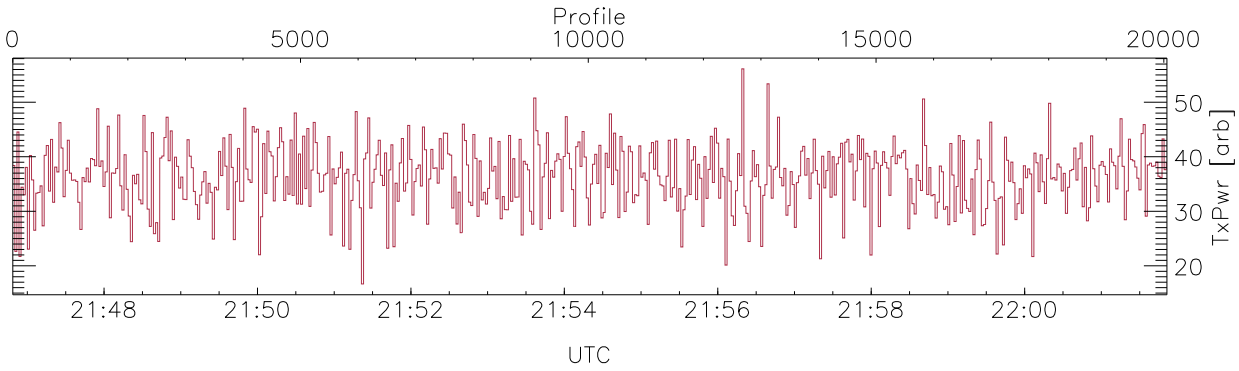
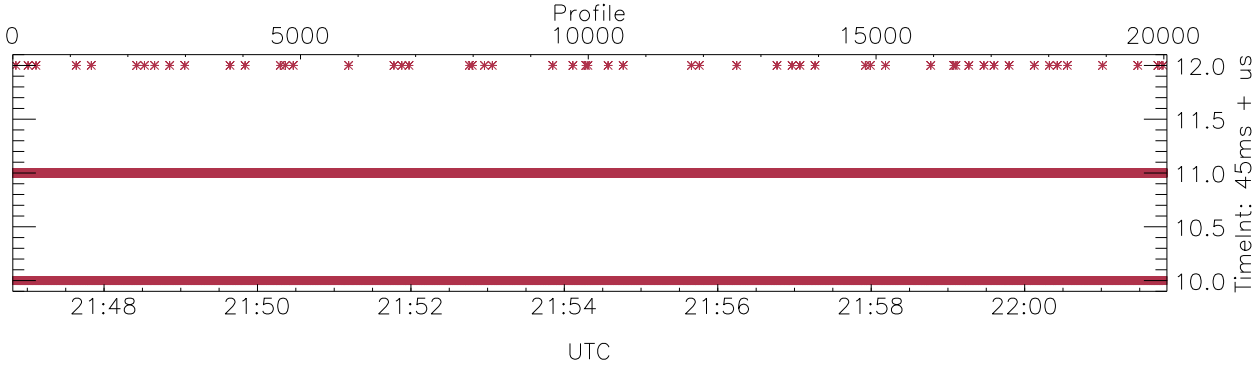
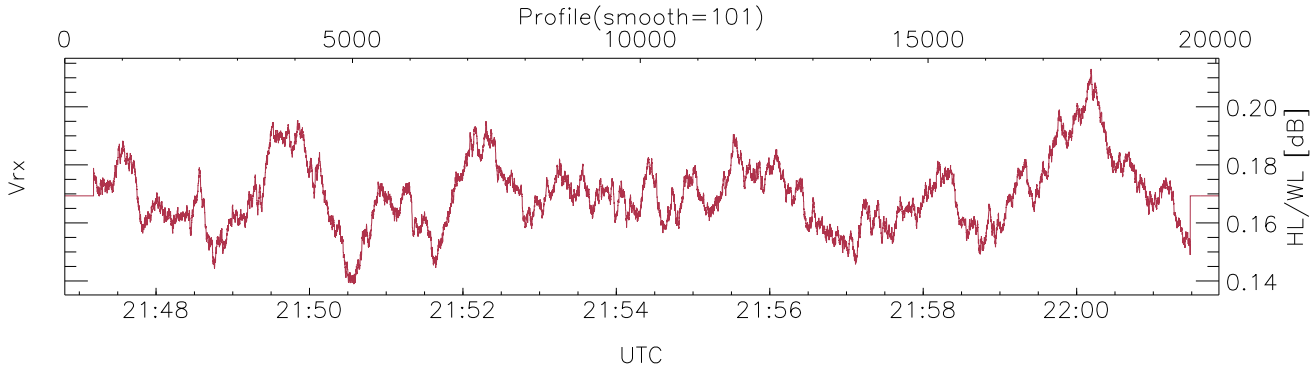
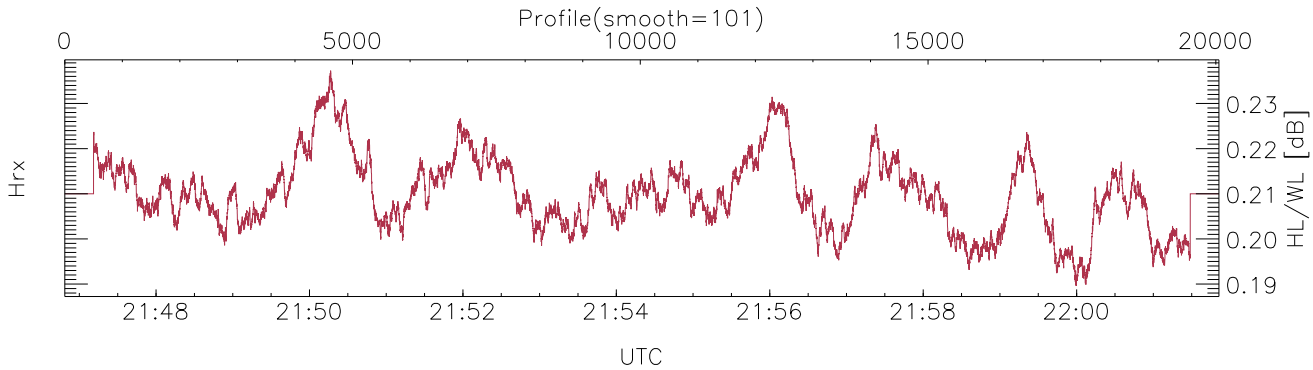


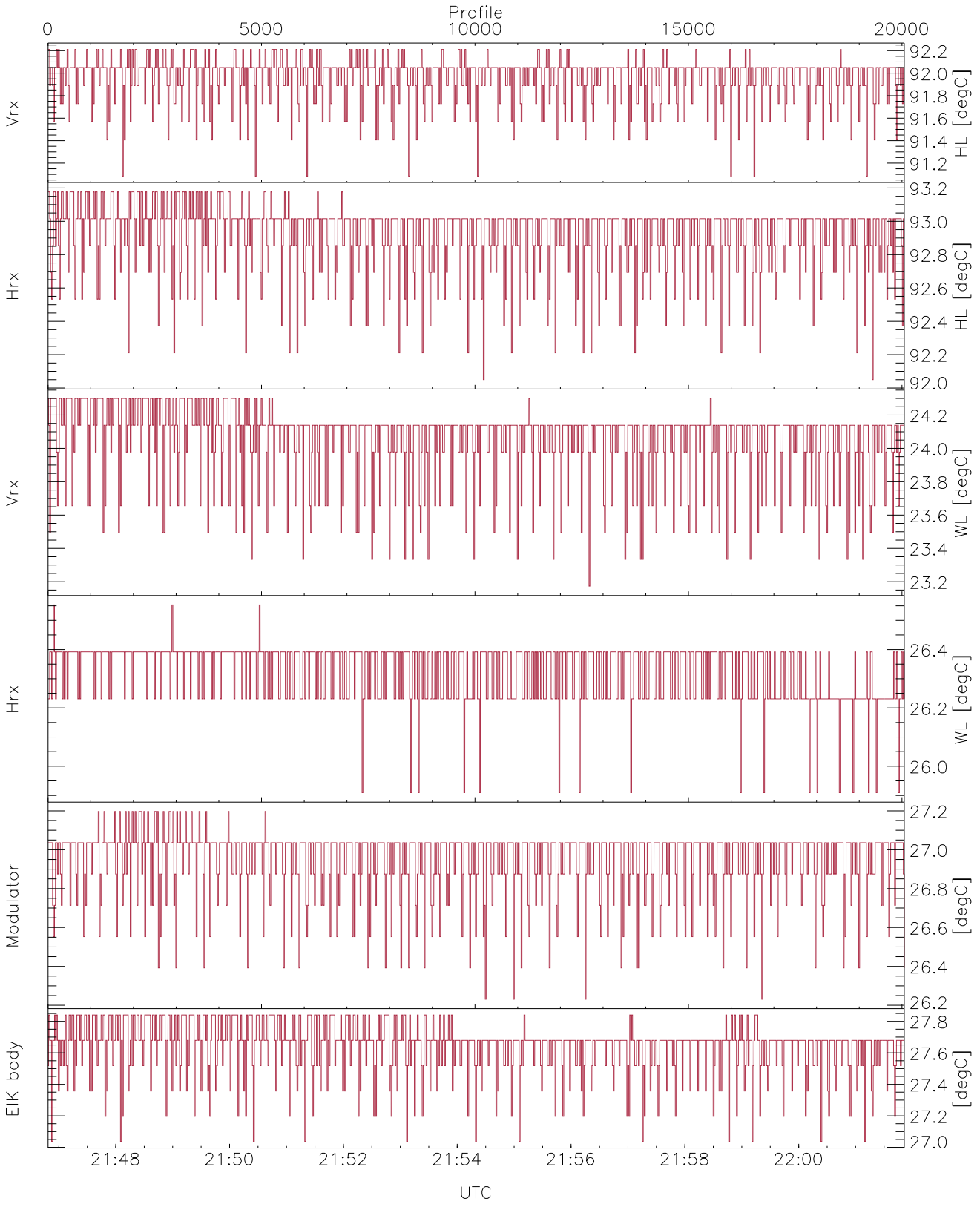






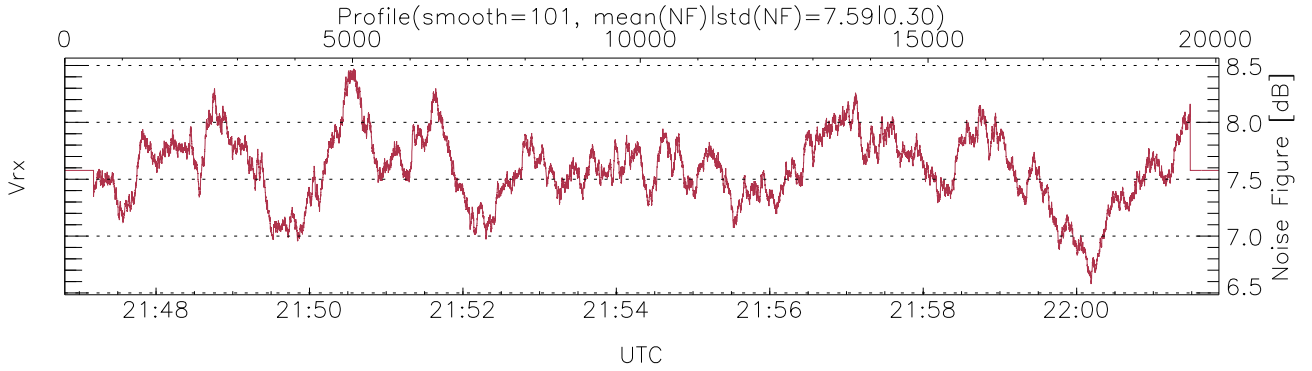
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

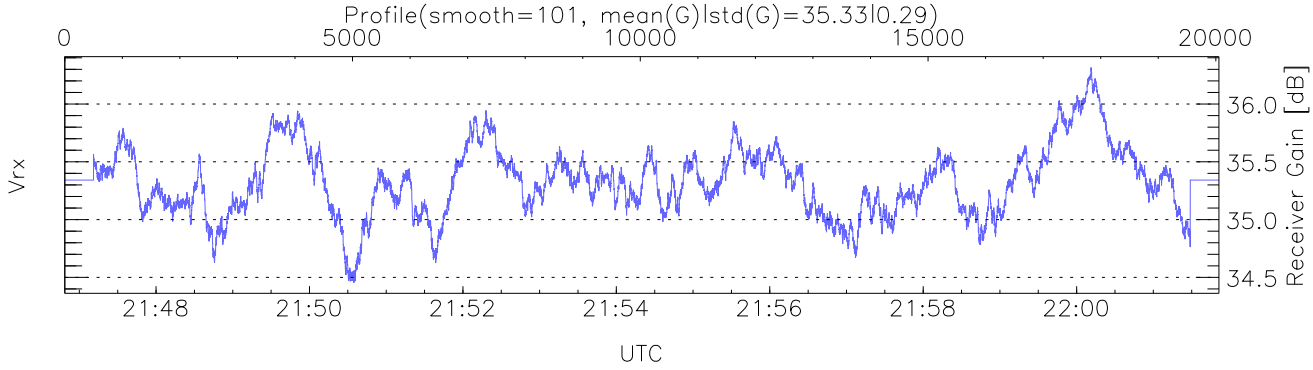
UTC: 21:46:49-22:01:51, TimeCor: 0.00s, Dur: 902.70s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 20056/20056, 0-20055/21:46:49-22:01:51
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

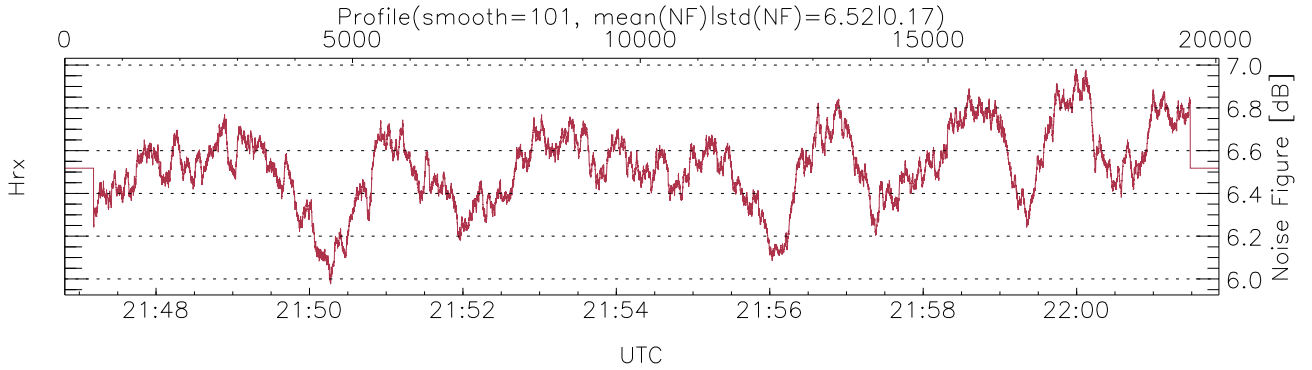


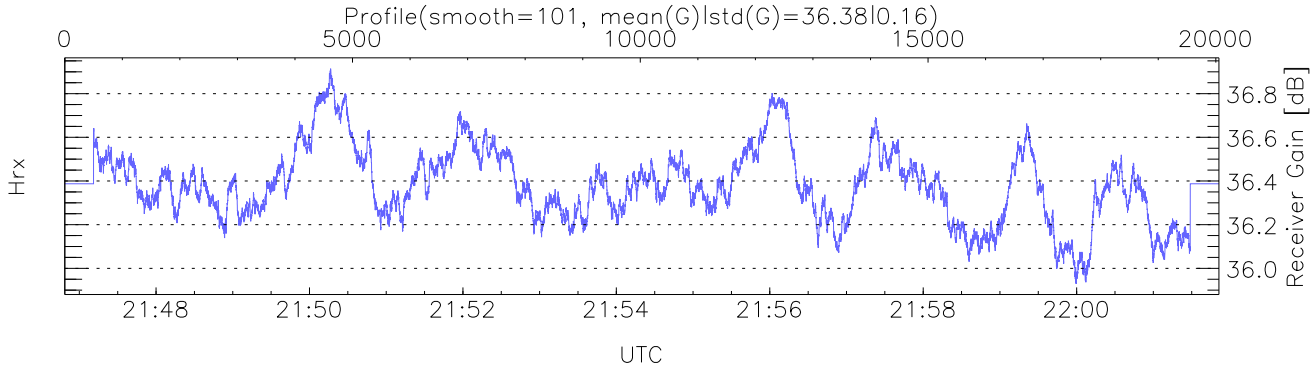
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



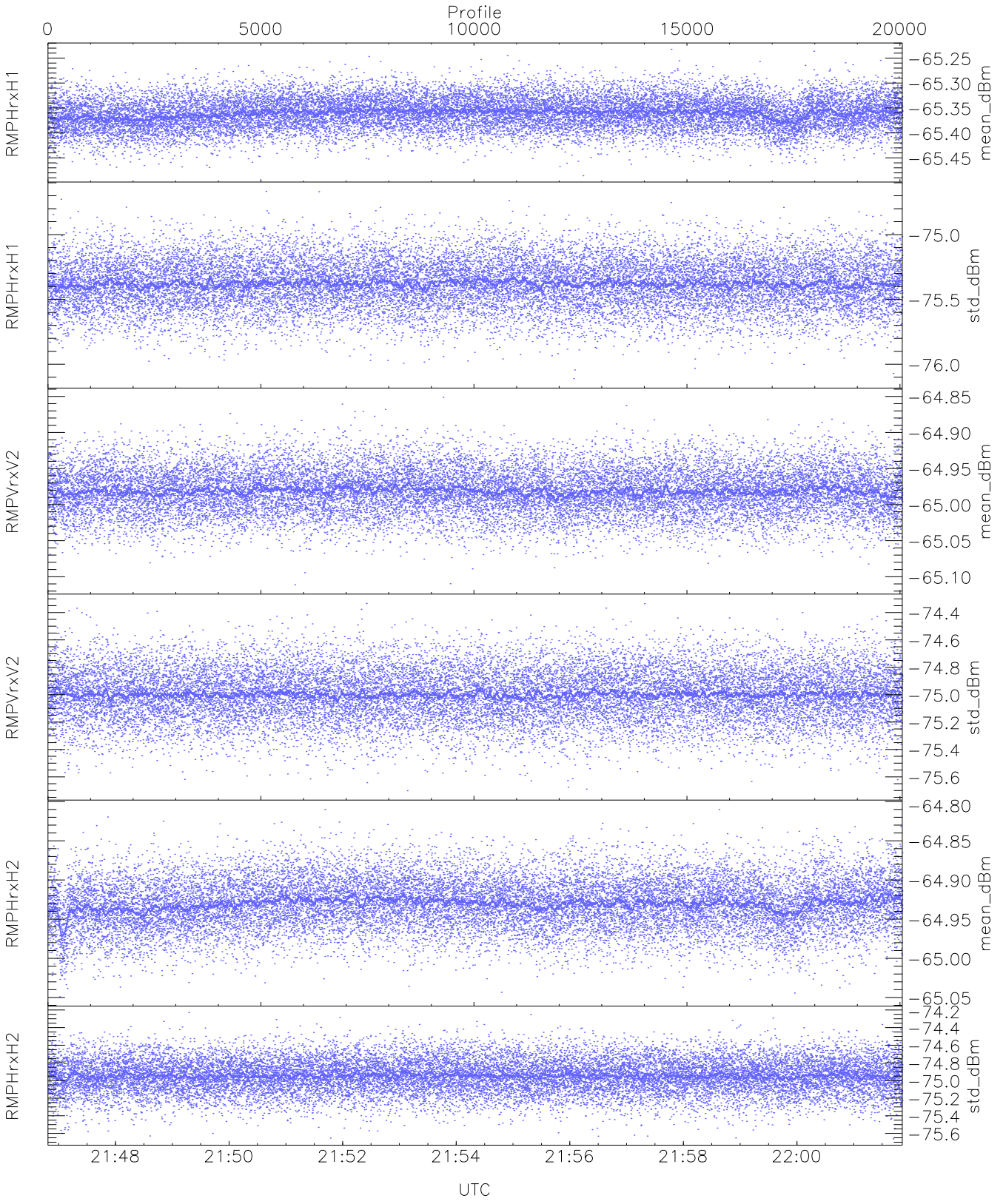






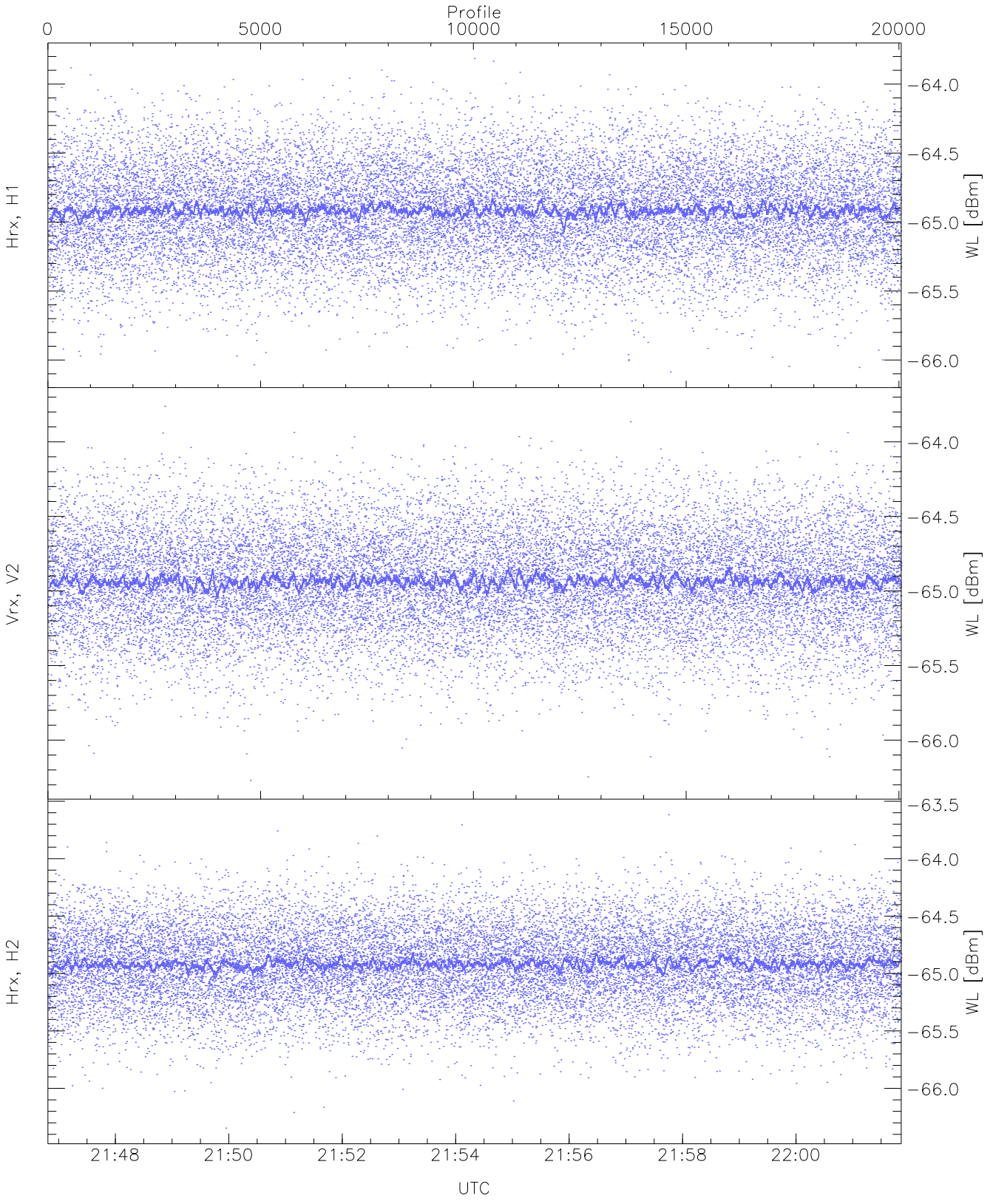
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 2 gates, 3 profs, 1 prod(s)



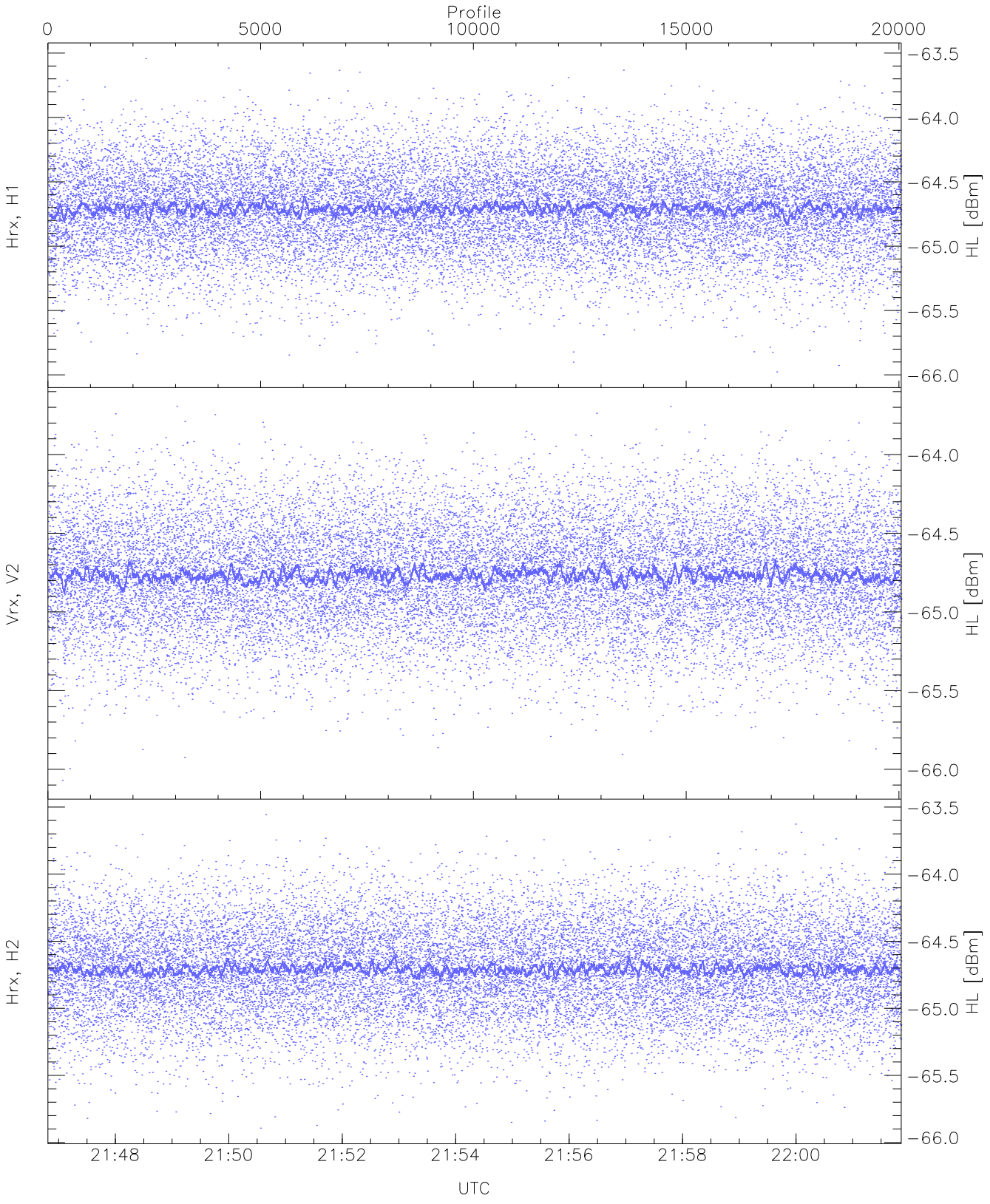
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.49	-65.23	-65.36	-65.36	-86.89
RMPHrxH1(std_dBm)	-76.11	-74.67	-75.38	-75.38	-89.20
RMPVrxV2(mean_dBm)	-65.11	-64.85	-64.98	-64.98	-86.57
RMPVrxV2(std_dBm)	-75.70	-74.33	-75.00	-75.00	-88.82
RMPHrxH2(mean_dBm)	-65.05	-64.81	-64.93	-64.93	-86.43
RMPHrxH2(std_dBm)	-75.66	-74.23	-74.95	-74.95	-88.69



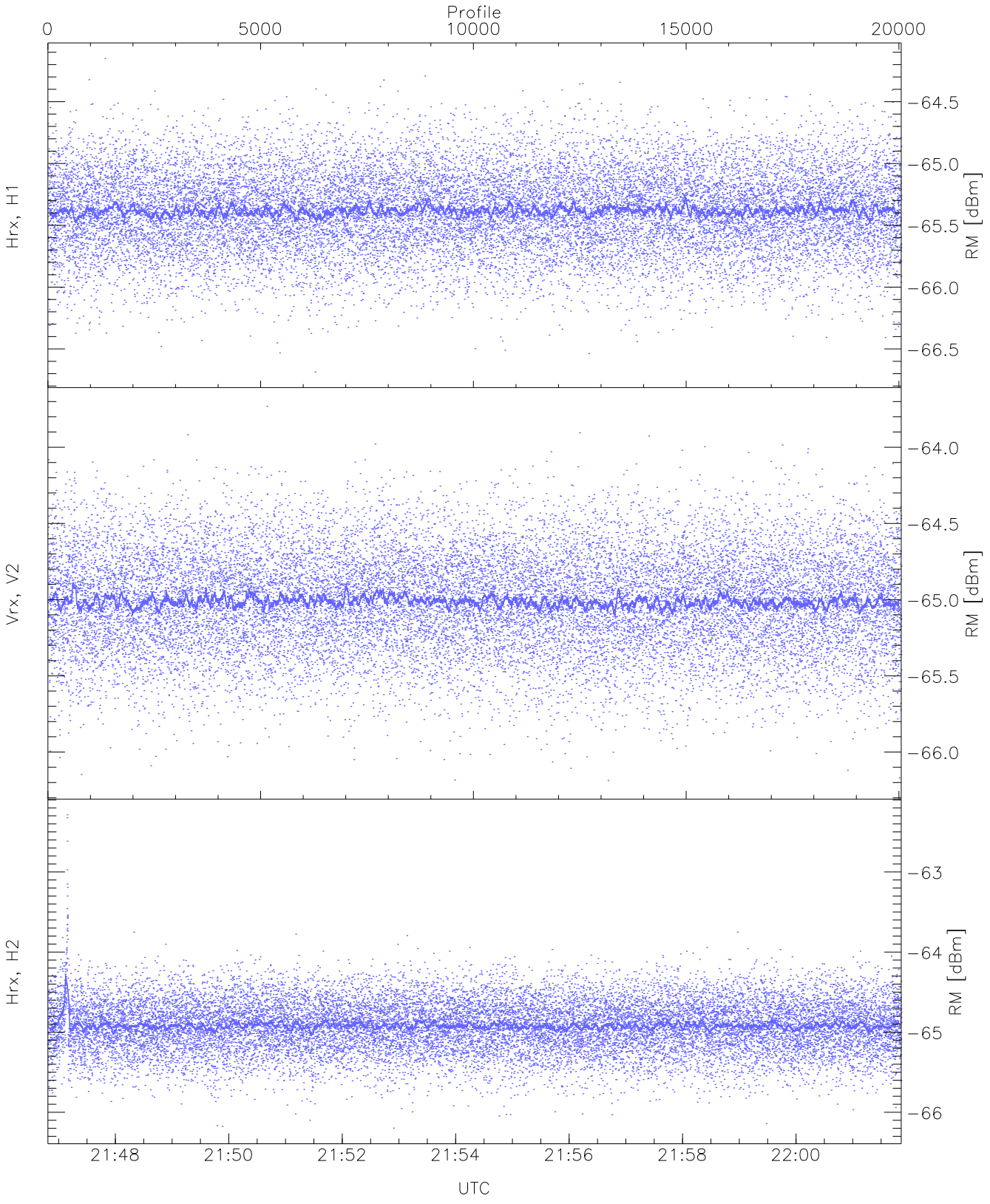
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.09	-63.81	-64.91	-64.92	-76.39
Vrx, V2(WL [dBm])	-66.27	-63.76	-64.93	-64.94	-76.44
Hrx, H2(WL [dBm])	-66.35	-63.62	-64.91	-64.92	-76.37



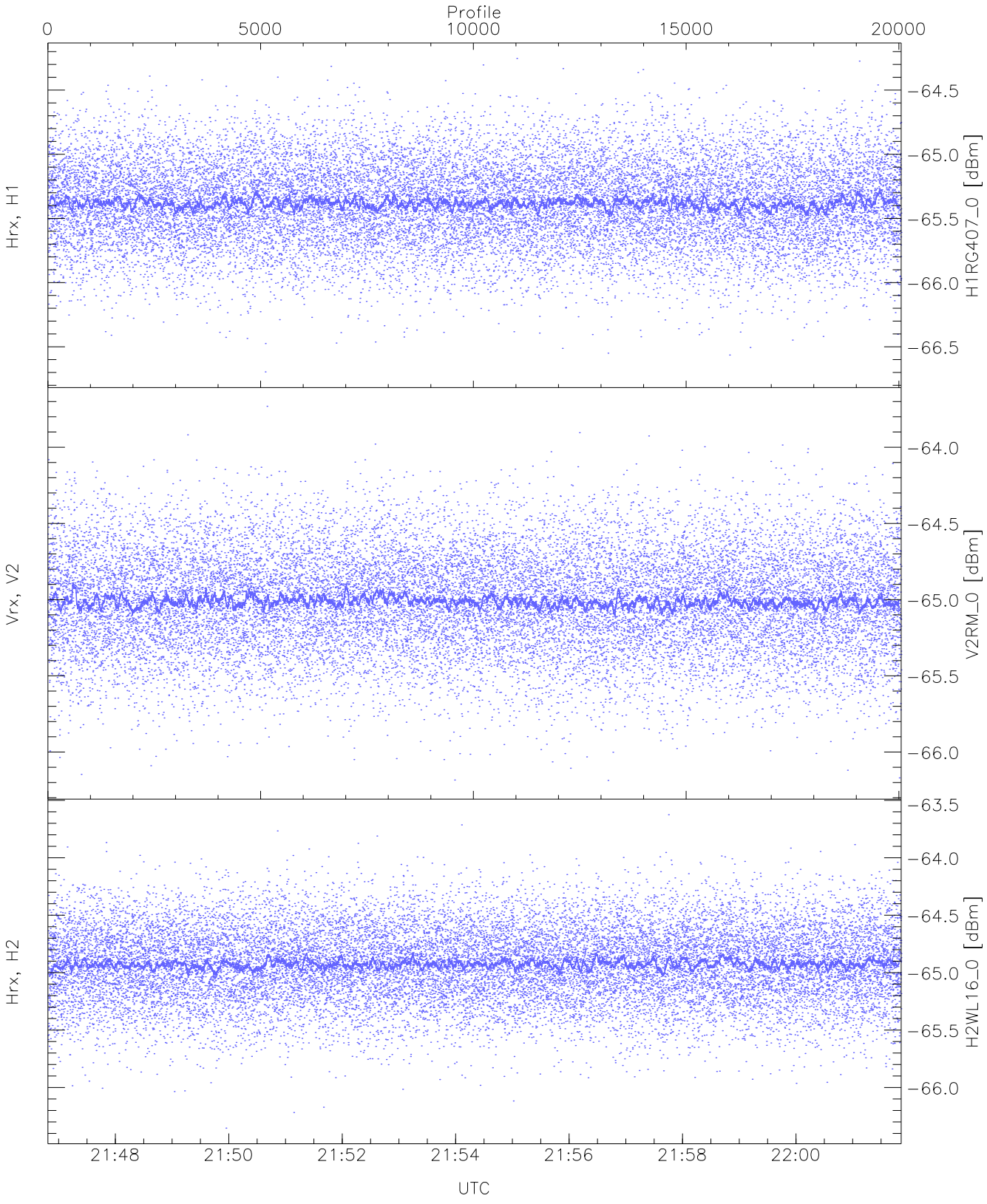
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.98	-63.54	-64.70	-64.71	-76.22
Vrx, V2(HL [dBm])	-66.07	-63.69	-64.76	-64.77	-76.27
Hrx, H2(HL [dBm])	-65.89	-63.56	-64.70	-64.71	-76.20



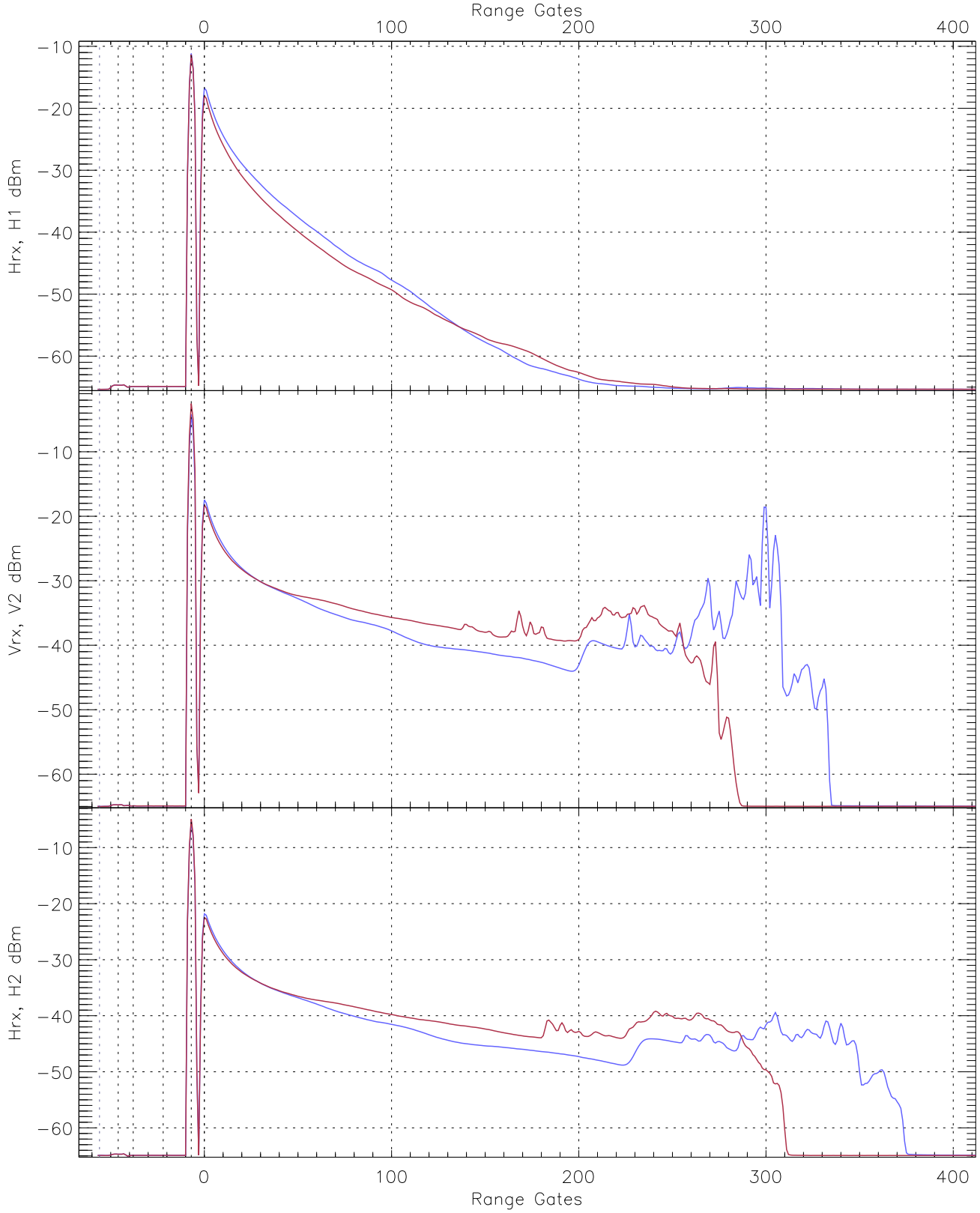
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.69	-64.15	-65.37	-65.38	-76.87
Vrx, V2(RM [dBm])	-66.19	-63.73	-65.00	-65.01	-76.51
Hrx, H2(RM [dBm])	-66.20	-62.29	-64.91	-64.92	-76.32

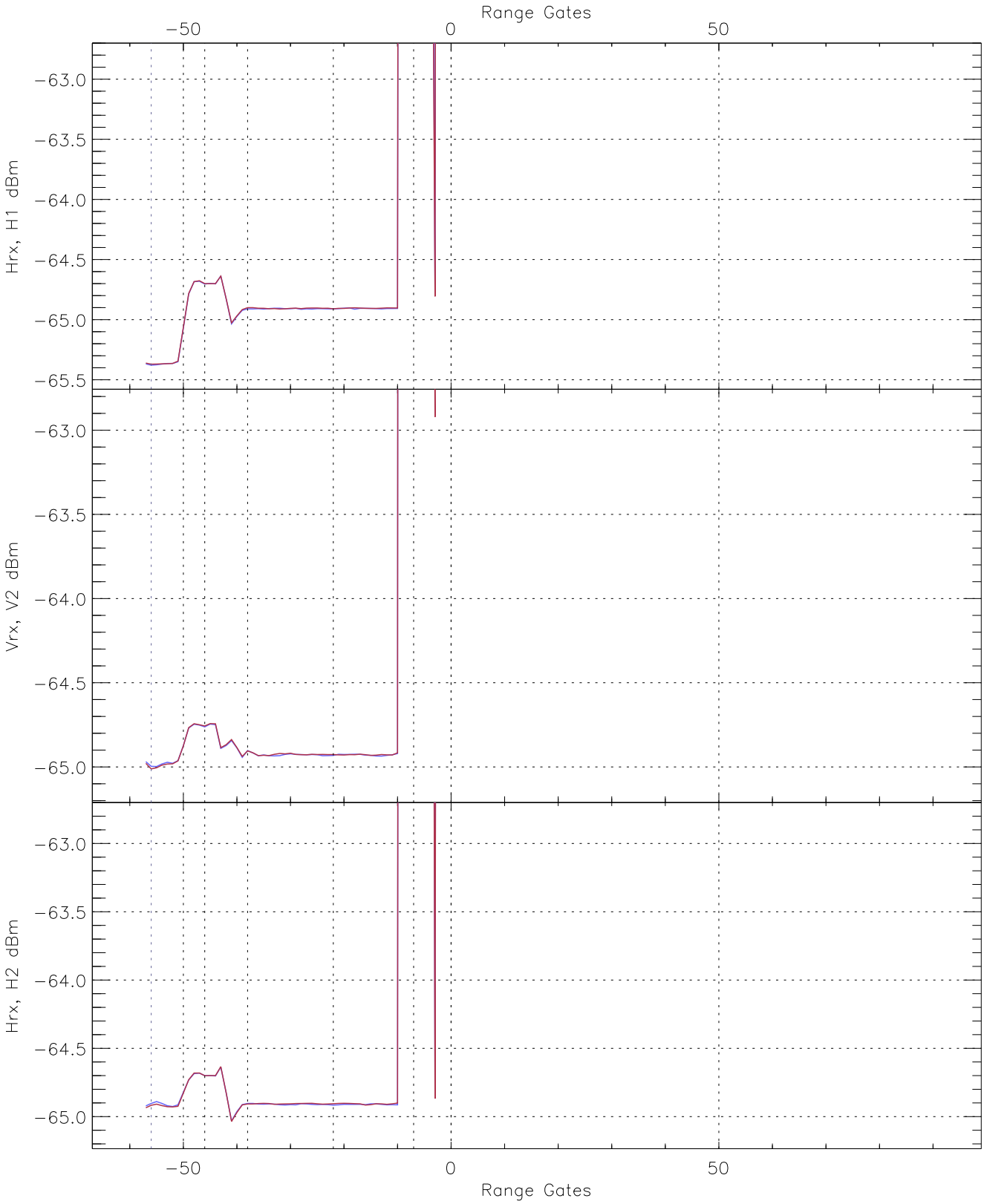


WCR3 CPP "Best" estimate Receivers Noise Power

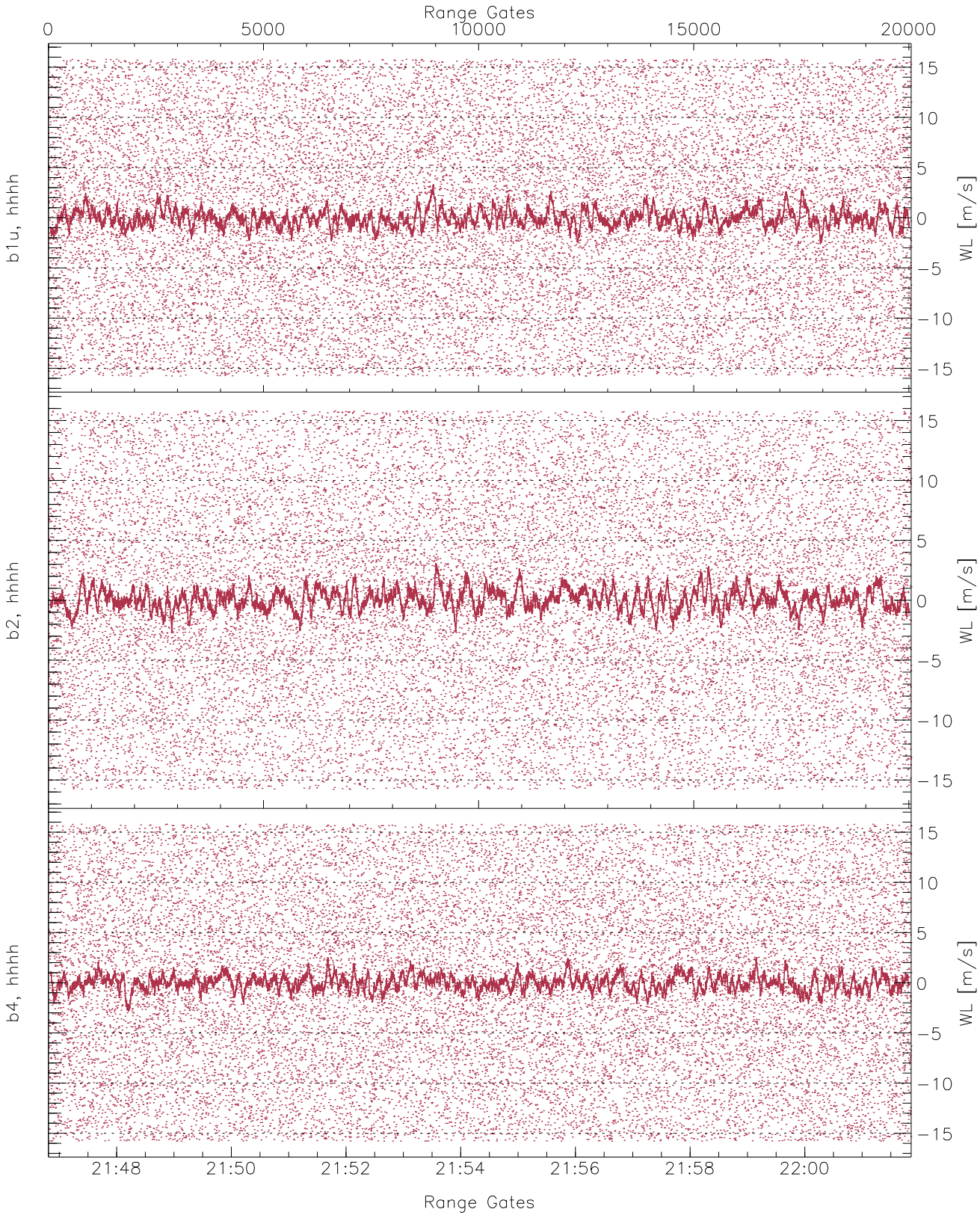
	Min	Max	Mean	Median	StDev
H1RG407_0 [dBm]	-66.70	-64.25	-65.37	-65.38	-76.89
V2RM_0 [dBm]	-66.19	-63.73	-65.00	-65.01	-76.51
H2WL16_0 [dBm]	-66.35	-63.63	-64.92	-64.93	-76.38



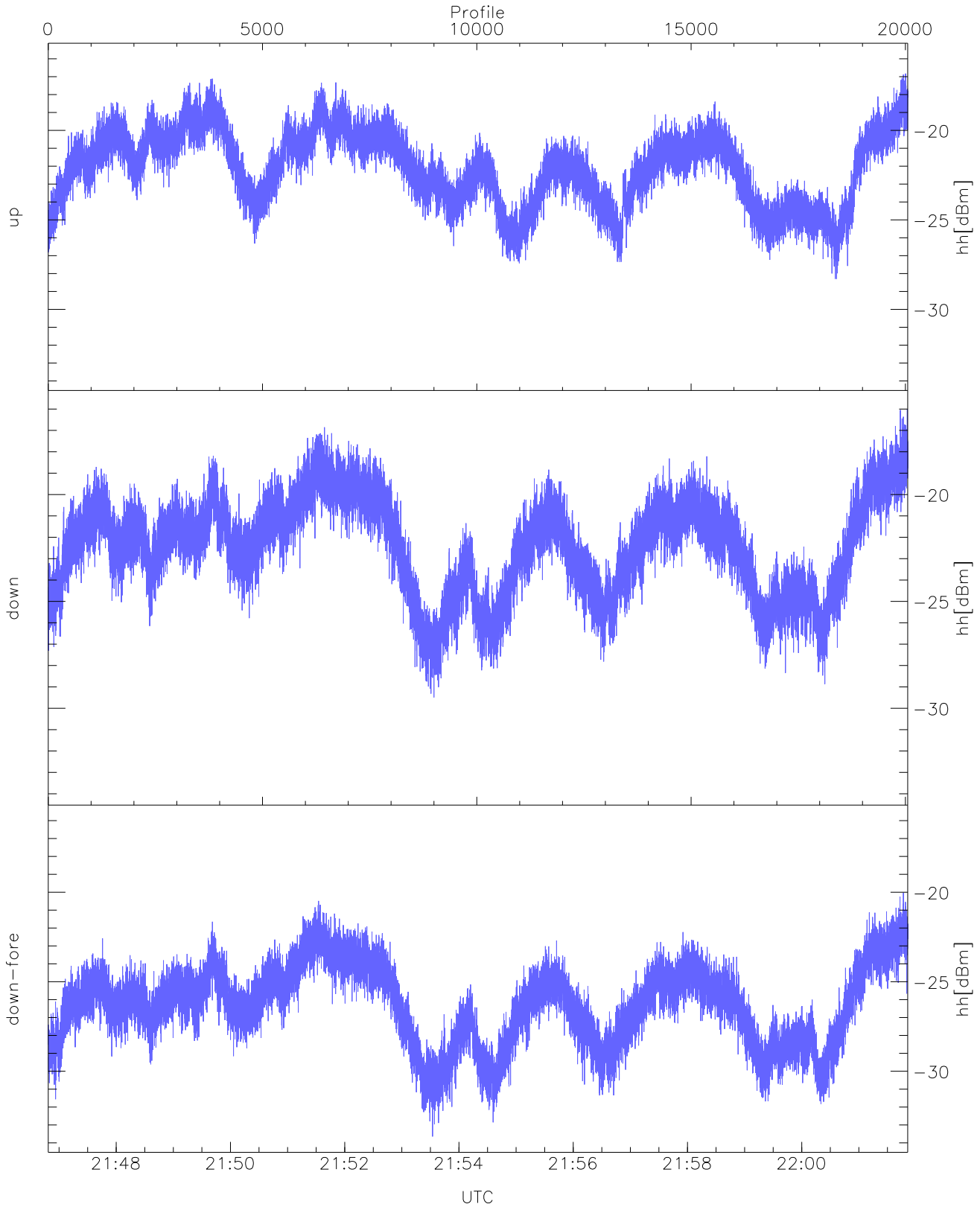
WCR3 CPP Averaged Received power for all recorded gates
blue: 214649-215420, 10029 profiles averaged
red: 215420-220151, 10028 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 214649-215420, 10029 profiles averaged
red: 215420-220151, 10028 profiles averaged

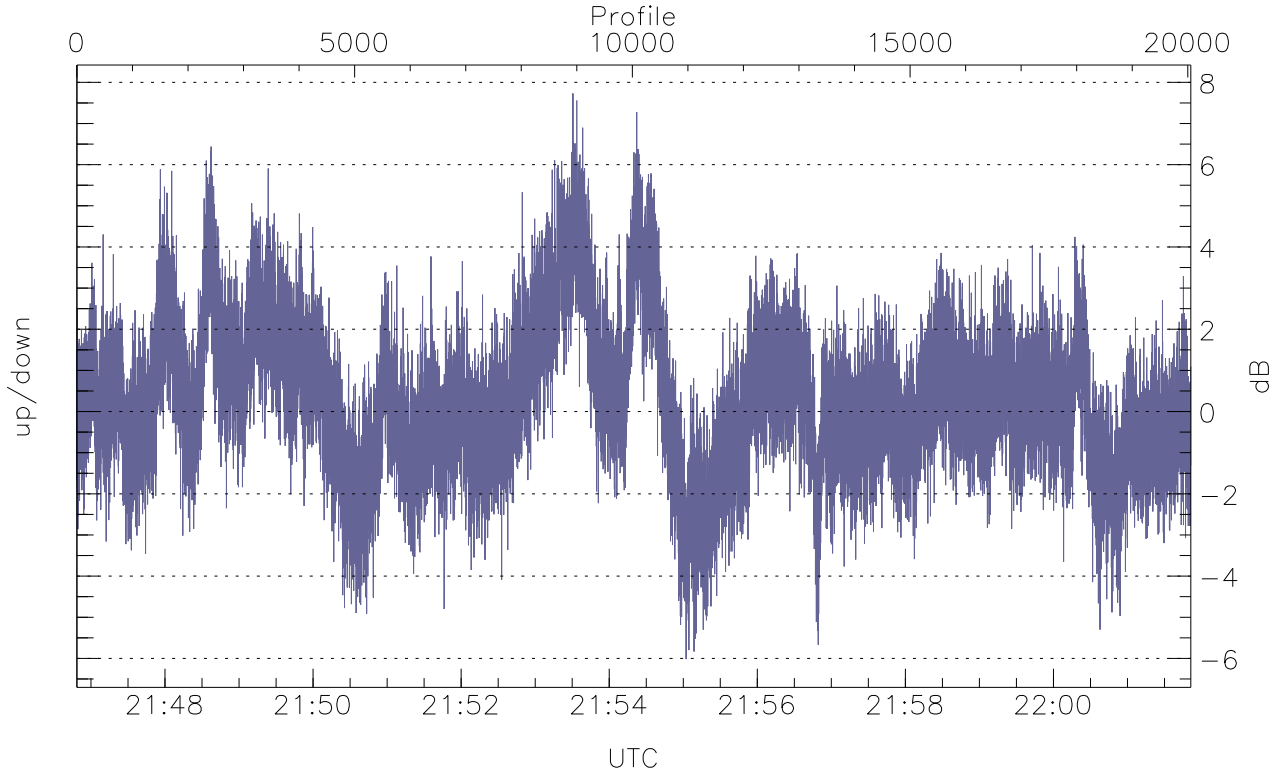


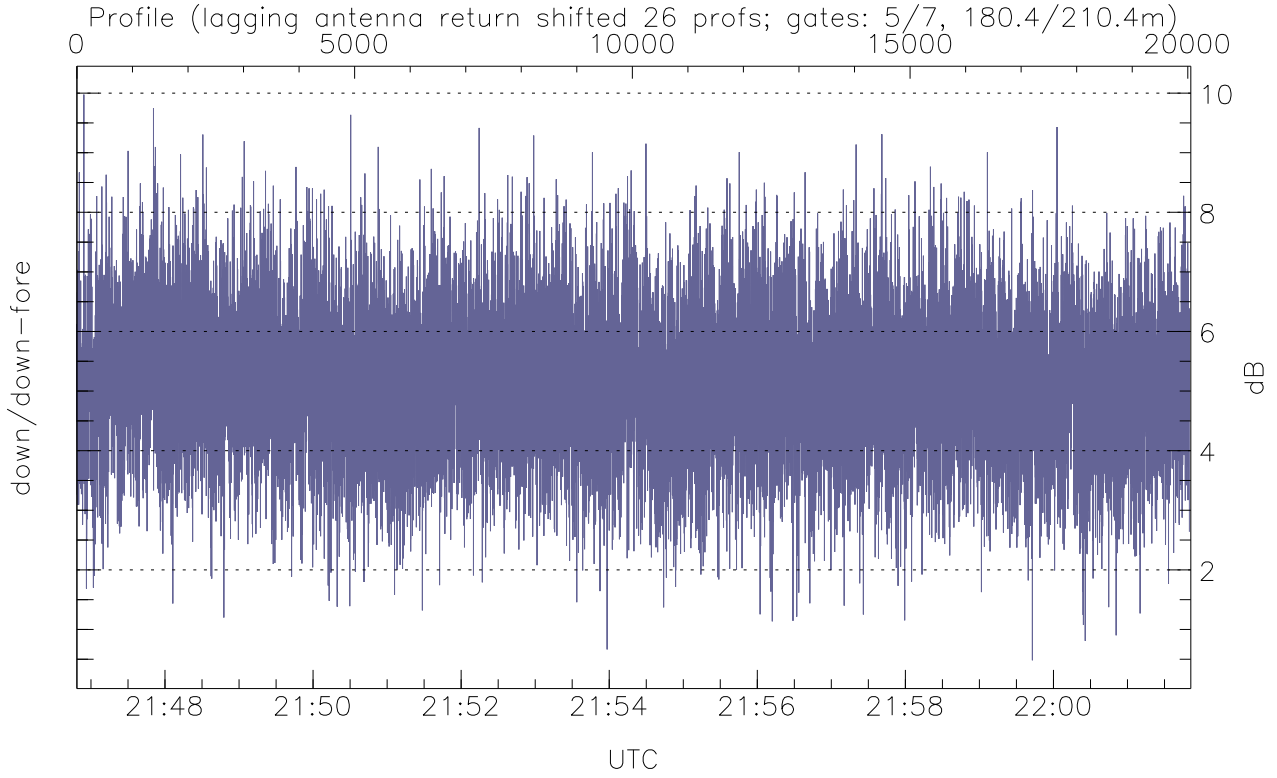
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

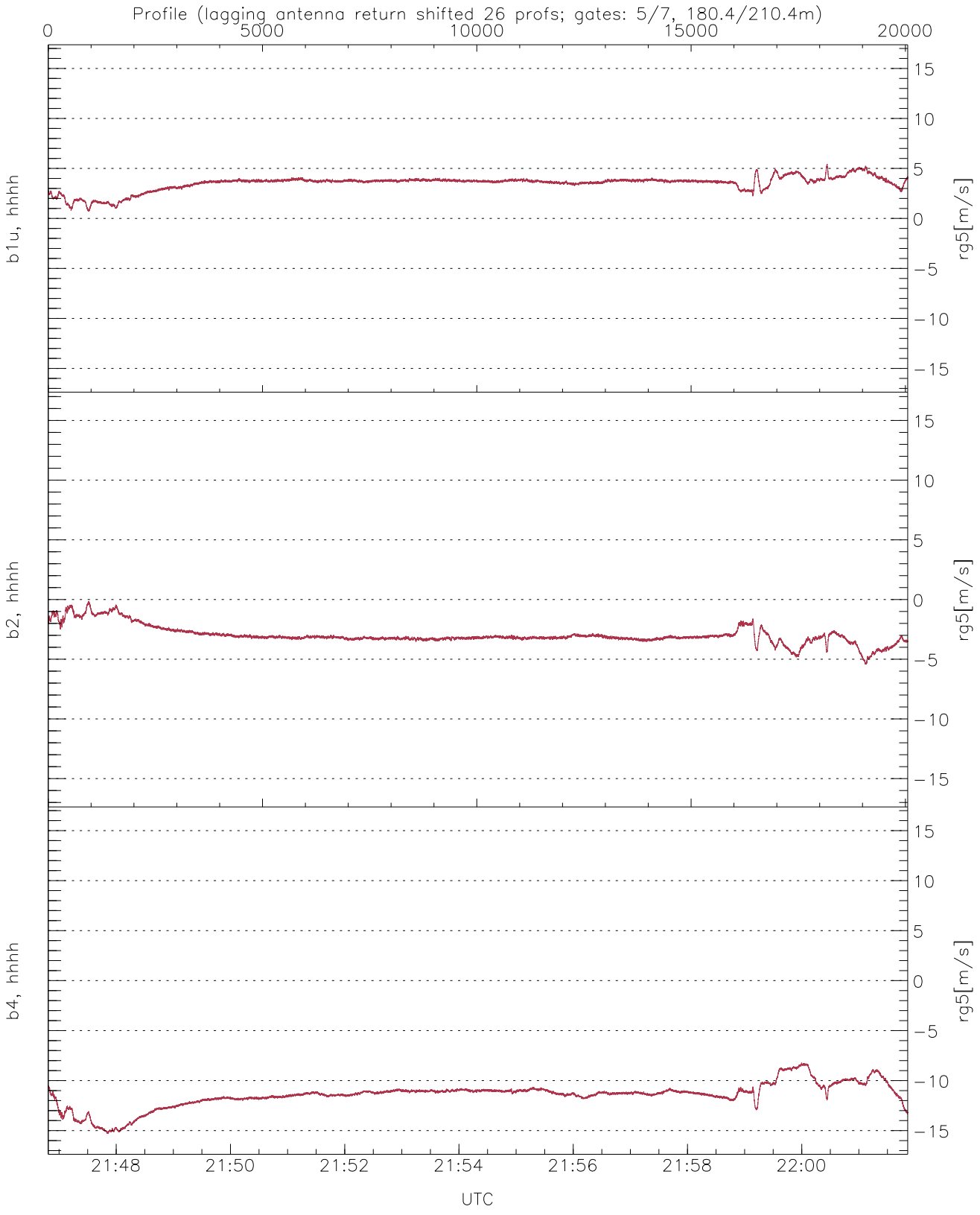
	Min	Max	Mean
up(hh[dBm])	-28.30	-16.82	-21.66
down(hh[dBm])	-29.49	-16.01	-21.87
down-fore(hh[dBm])	-33.65	-20.03	-25.78





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

	Min	Max	Mean
up/down(dB)	-6.02	7.73	0.31
down/down-fore(dB)	0.48	9.98	5.15



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.70	5.43	3.52	0.73
b2, hhhh(rg5[m/s])	-5.43	-0.13	-2.99	0.77
b4, hhhh(rg5[m/s])	-15.32	-8.21	-11.46	1.23