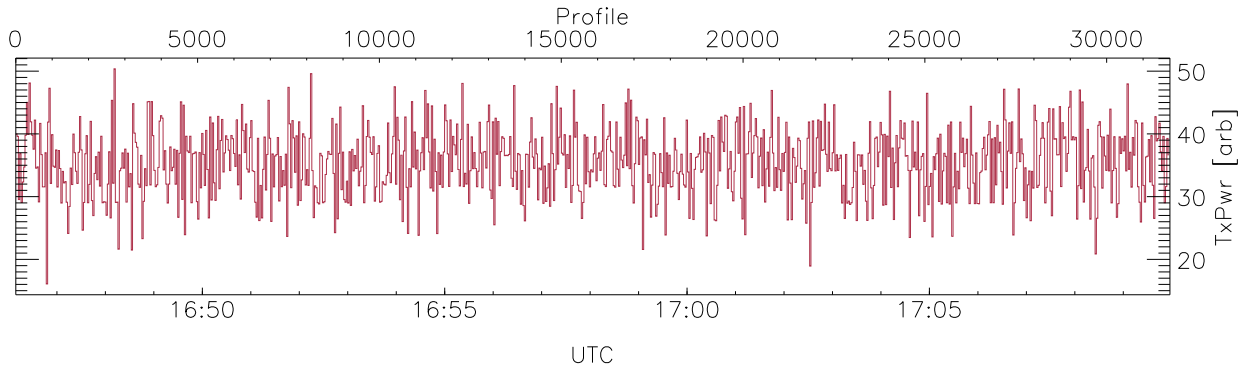
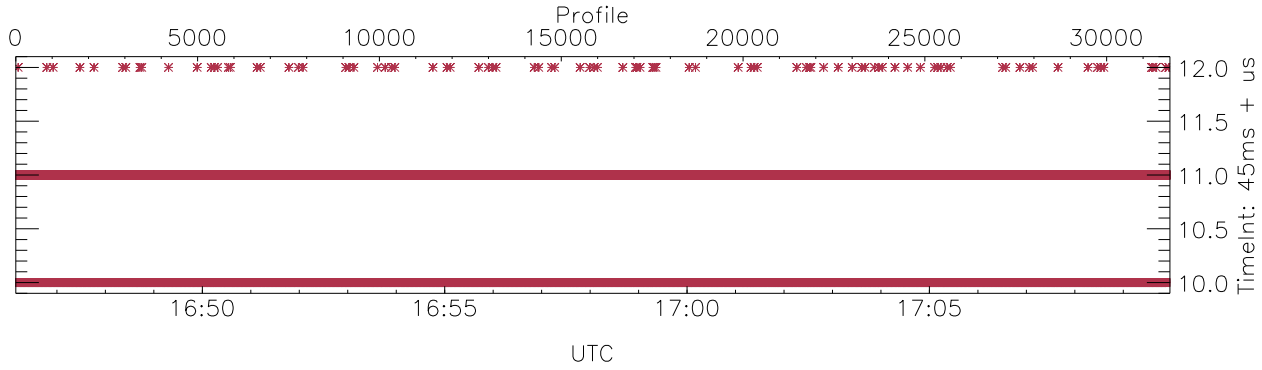
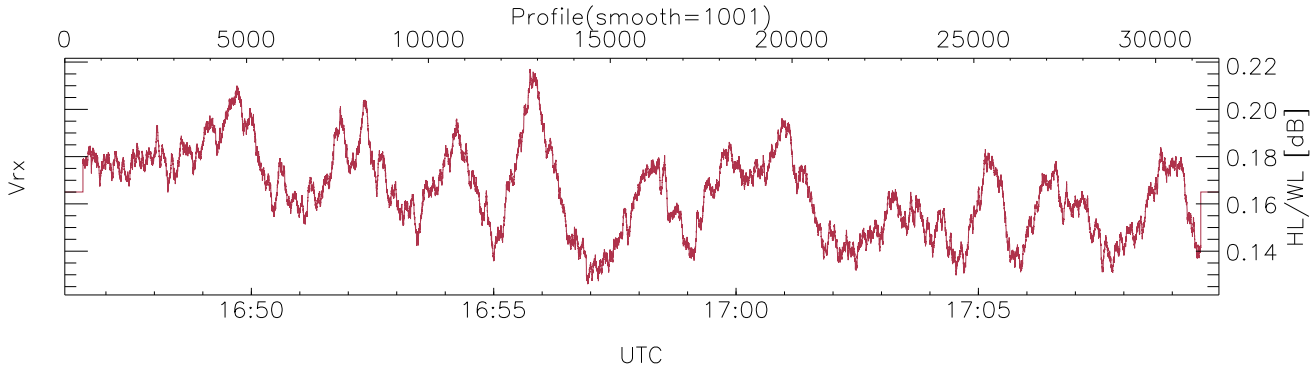
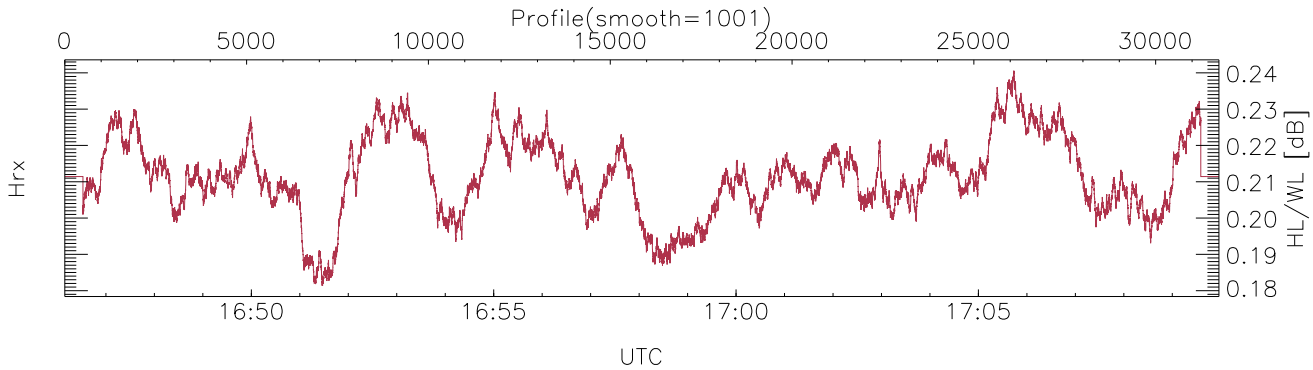


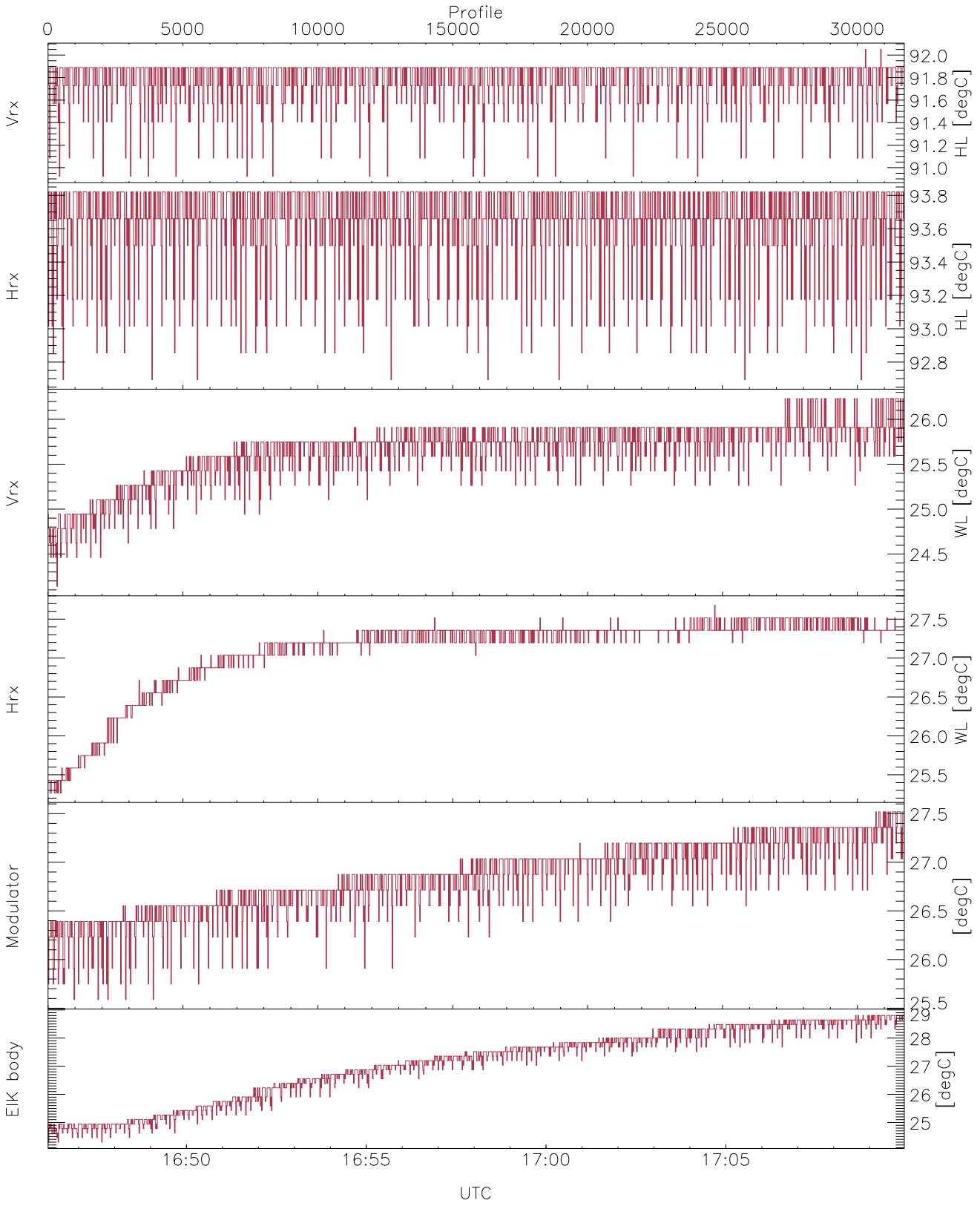






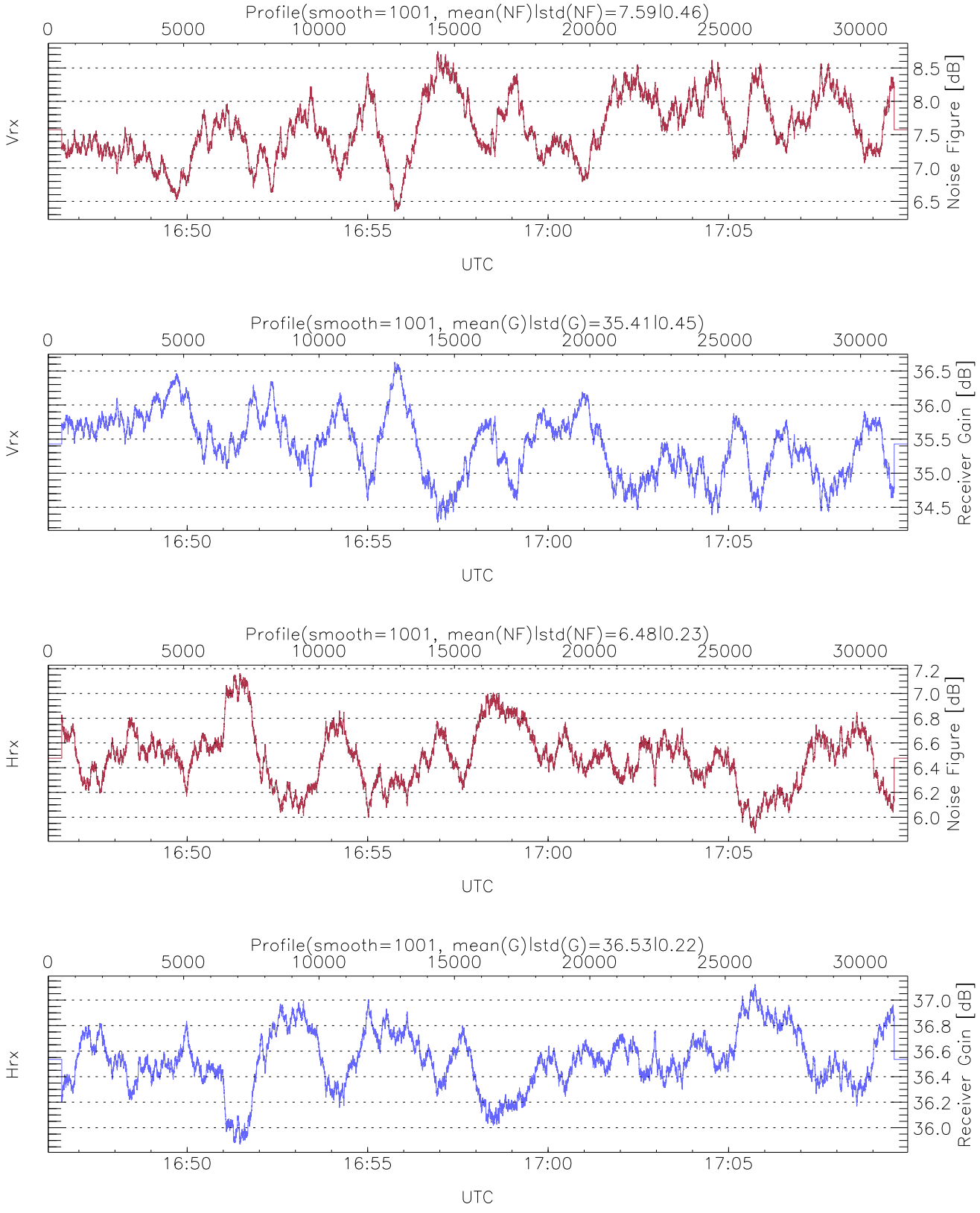
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:46:09-17:09:58, 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, 0-31740/16:46:09-17:09:58
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



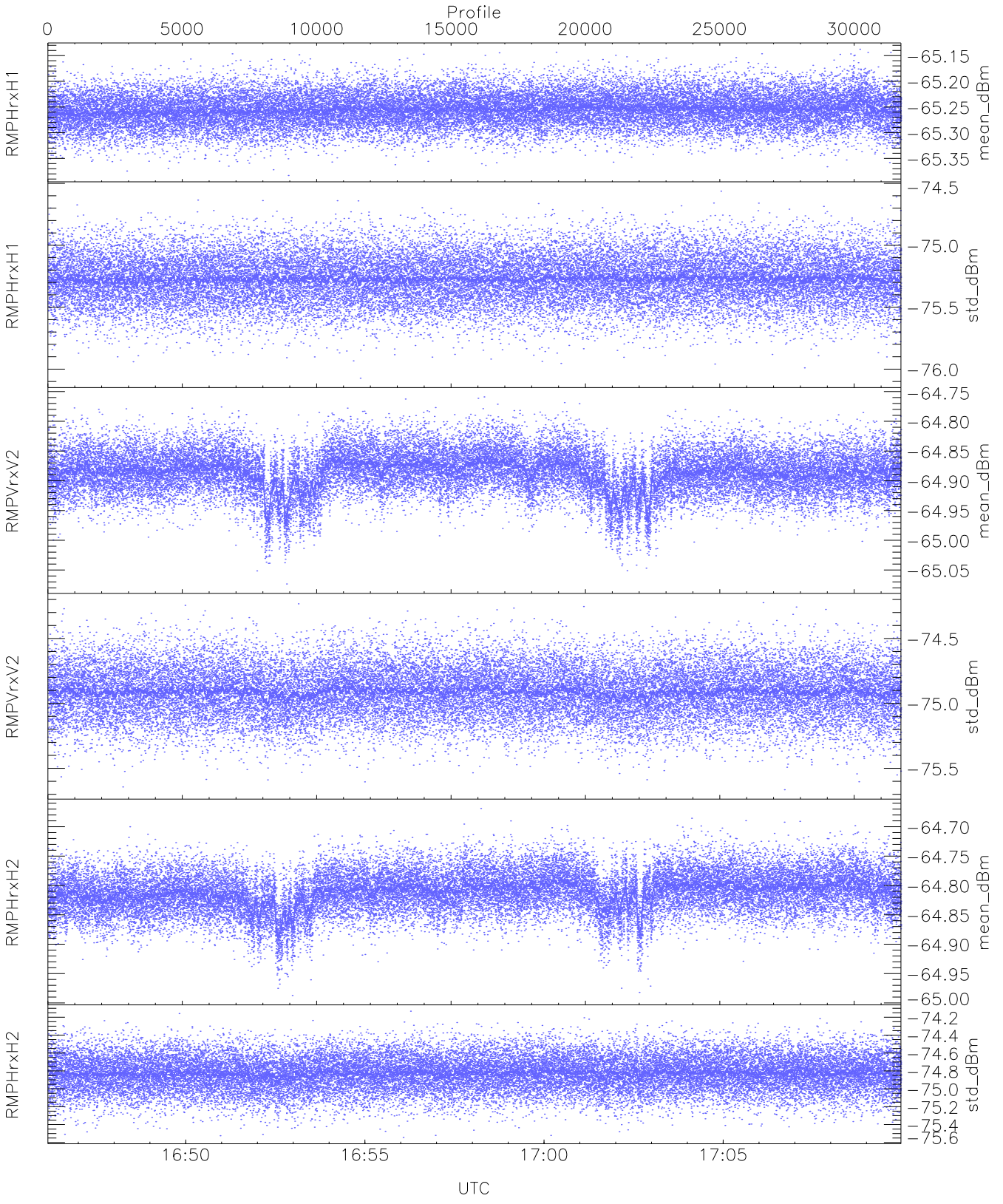
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,25,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,27,27,28
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckF,OverDuty (22,44)



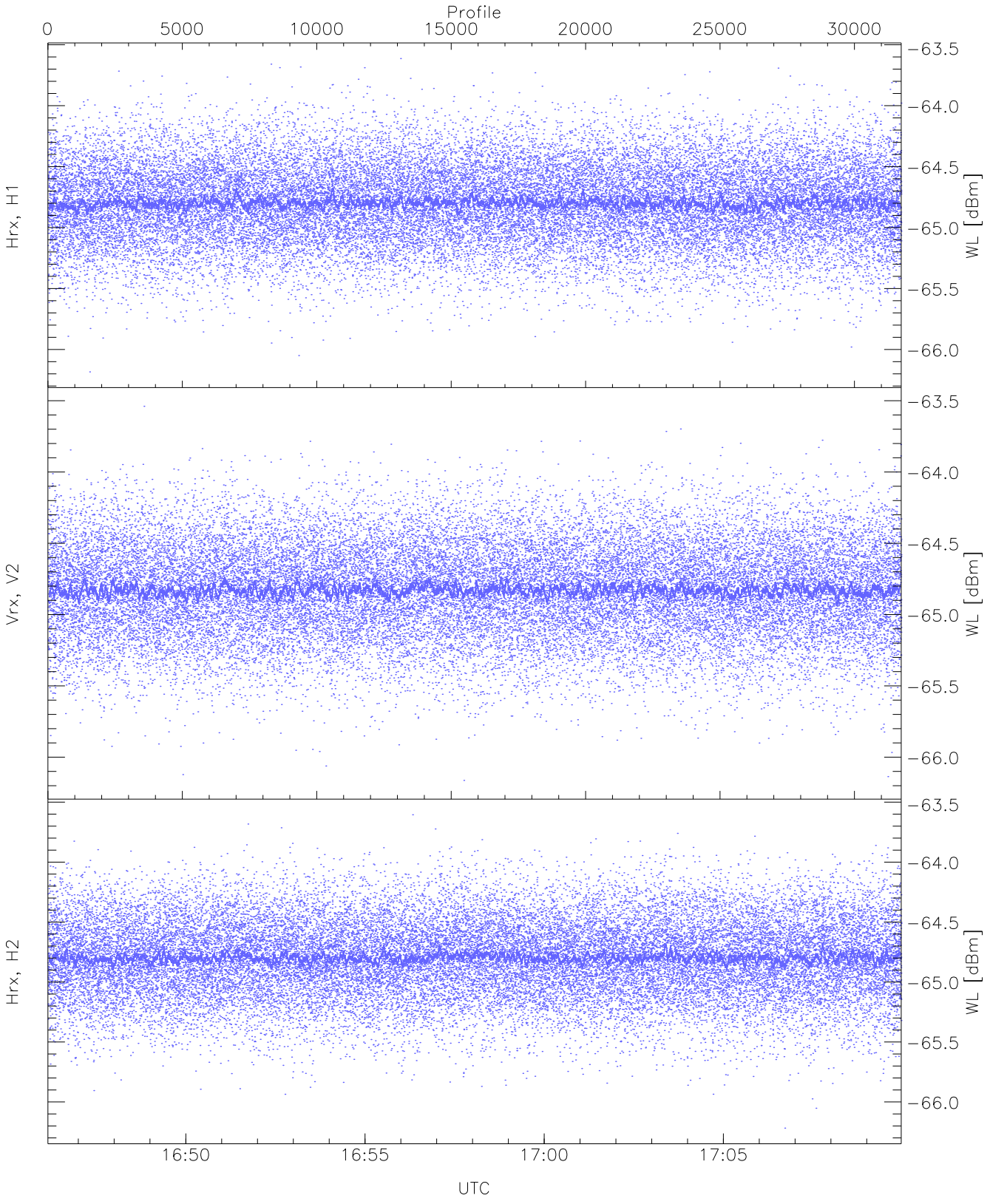
WCR3 CPP Receivers Gain and Noise Figure

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



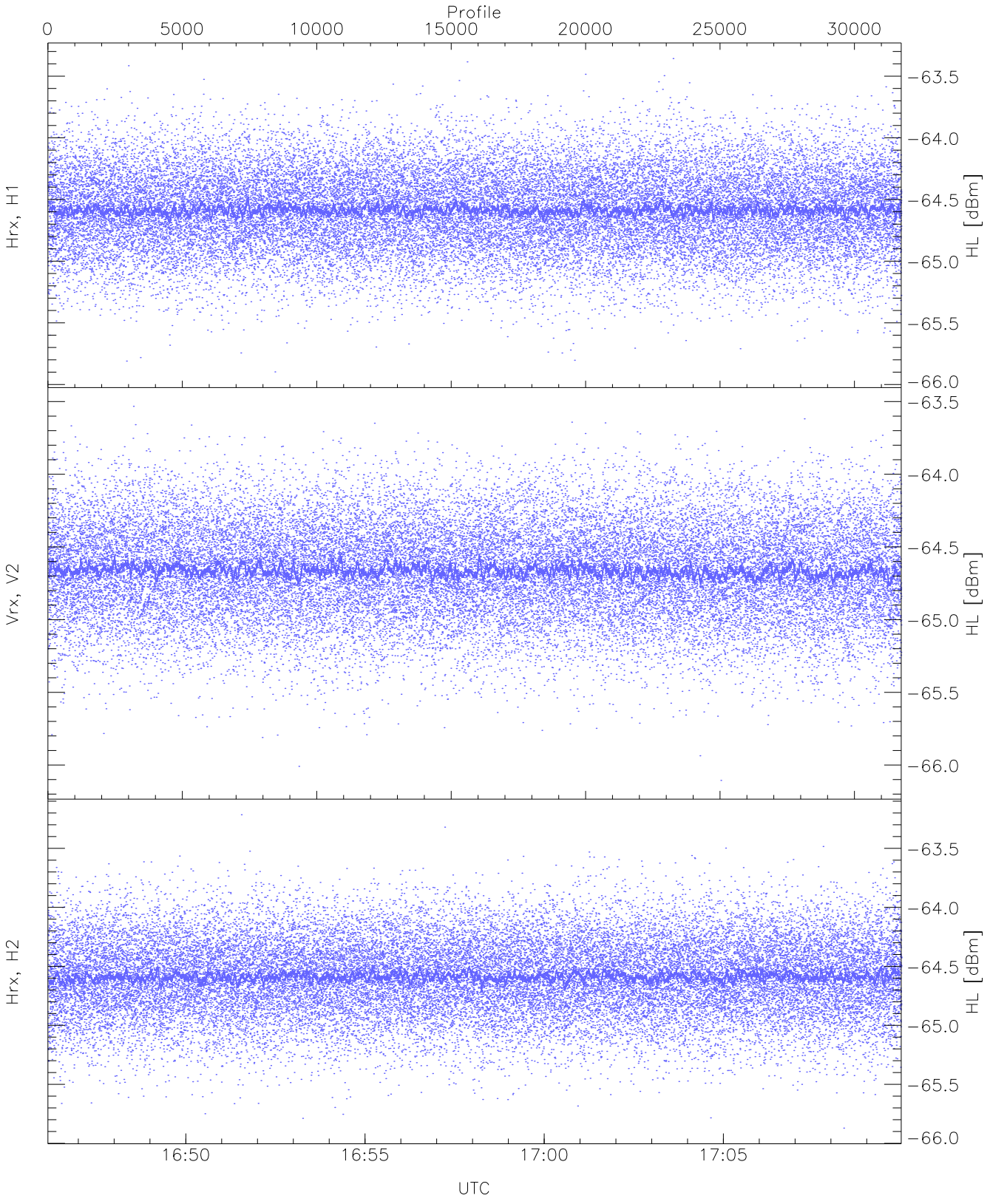
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.38	-65.14	-65.26	-65.26	-86.81
RMPHrxH1(std_dBm)	-76.07	-74.56	-75.27	-75.27	-89.06
RMPVrxV2(mean_dBm)	-65.07	-64.76	-64.89	-64.89	-85.72
RMPVrxV2(std_dBm)	-75.66	-74.22	-74.91	-74.91	-88.68
RMPHrxH2(mean_dBm)	-64.99	-64.67	-64.81	-64.81	-85.85
RMPHrxH2(std_dBm)	-75.54	-74.13	-74.83	-74.83	-88.62



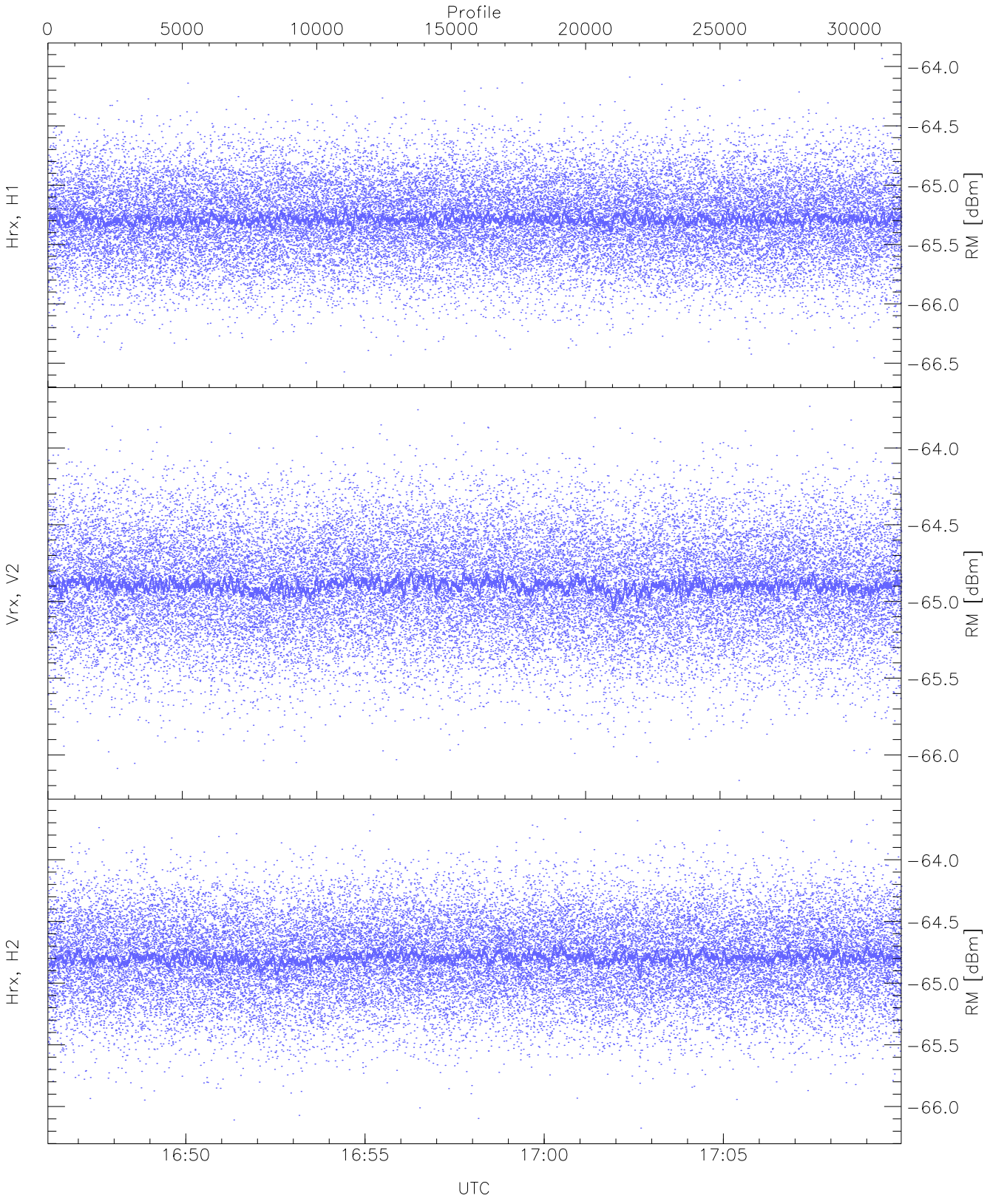
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.18	-63.61	-64.79	-64.80	-76.29
Vrx, V2(WL [dBm])	-66.16	-63.54	-64.82	-64.83	-76.32
Hrx, H2(WL [dBm])	-66.22	-63.61	-64.79	-64.80	-76.31



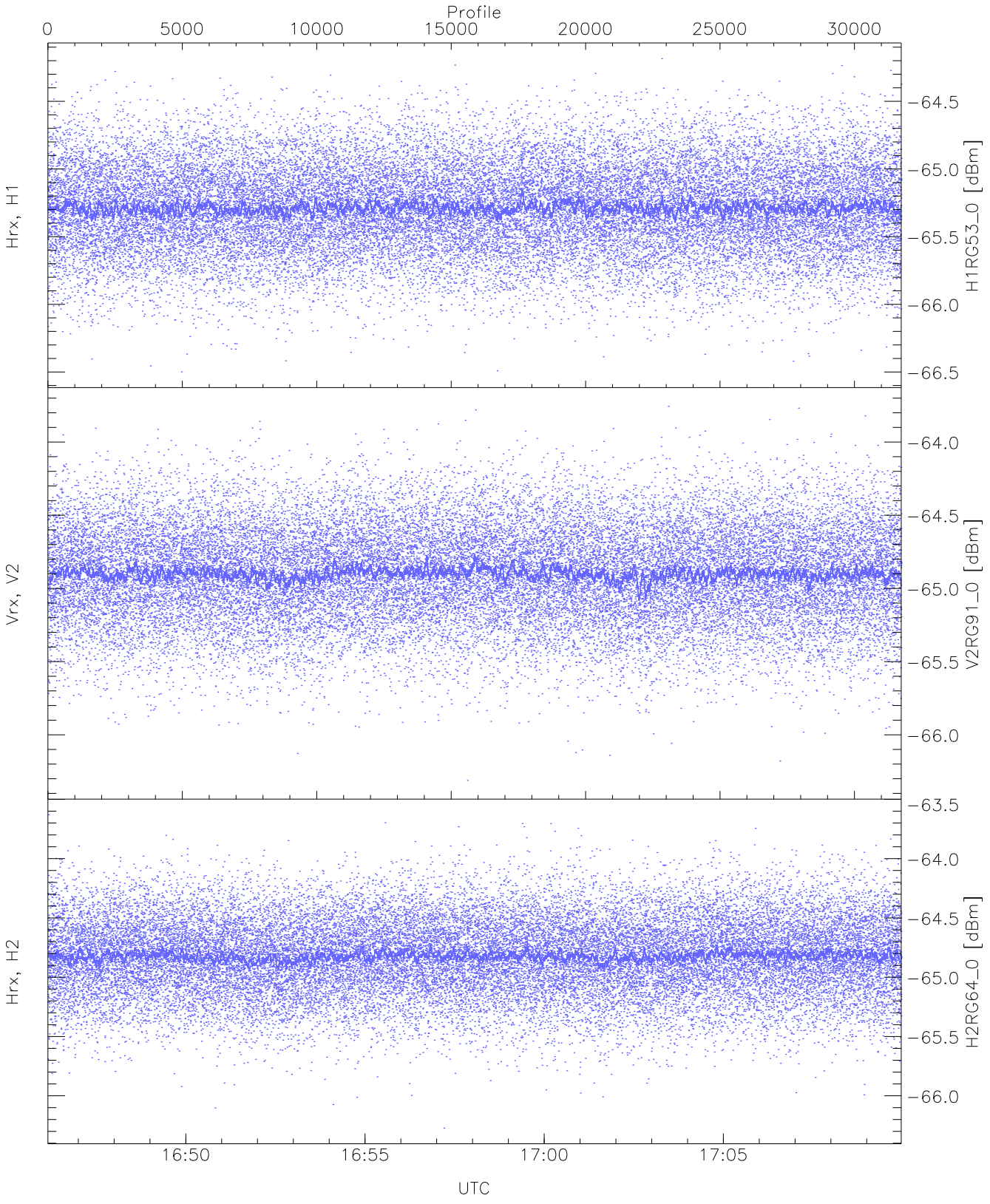
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.90	-63.36	-64.58	-64.59	-76.09
Vrx, V2(HL [dBm])	-66.11	-63.53	-64.66	-64.66	-76.19
Hrx, H2(HL [dBm])	-65.87	-63.22	-64.58	-64.59	-76.06



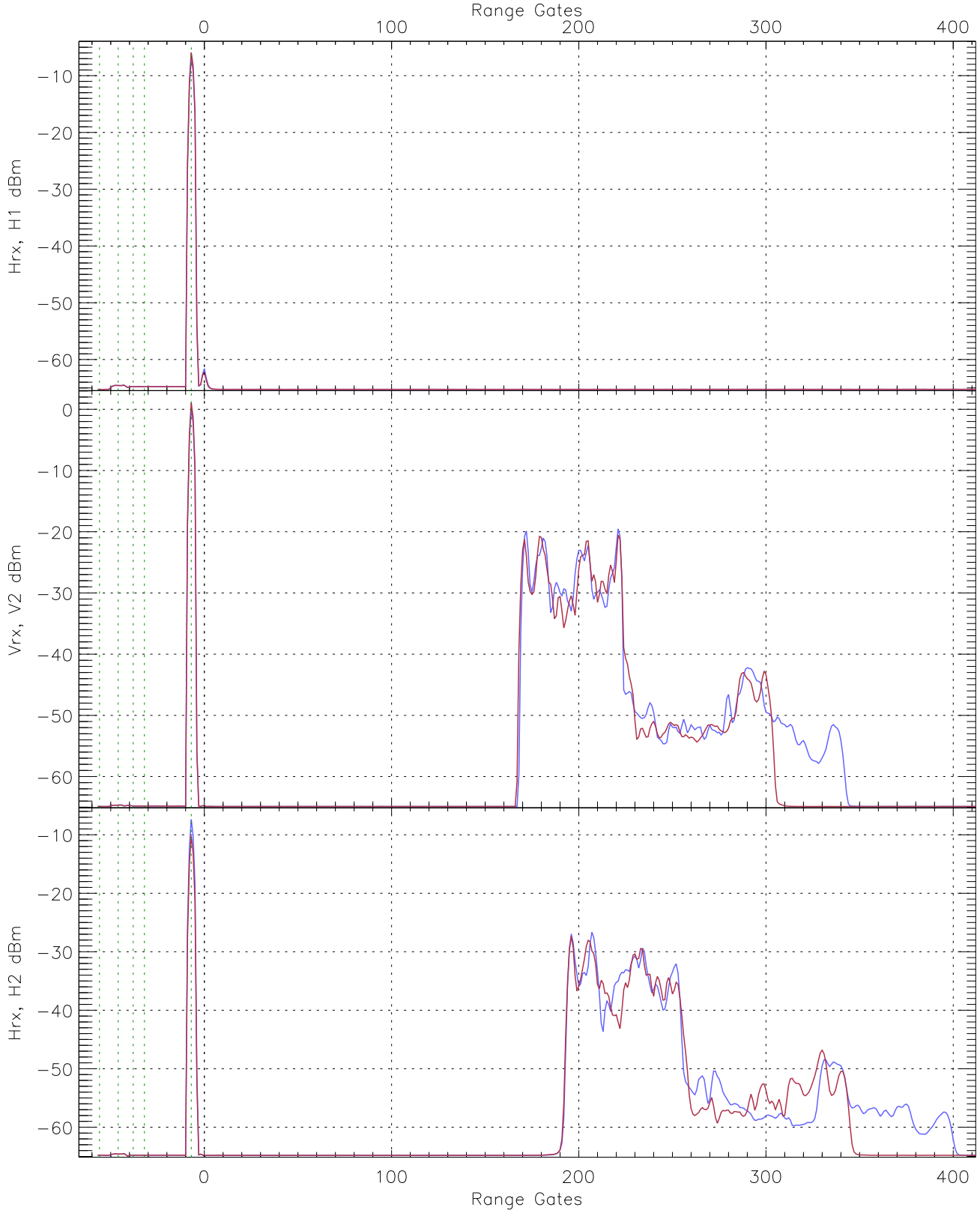
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.57	-63.93	-65.28	-65.29	-76.76
Vrx, V2(RM [dBm])	-66.17	-63.73	-64.89	-64.90	-76.42
Hrx, H2(RM [dBm])	-66.18	-63.64	-64.79	-64.80	-76.28

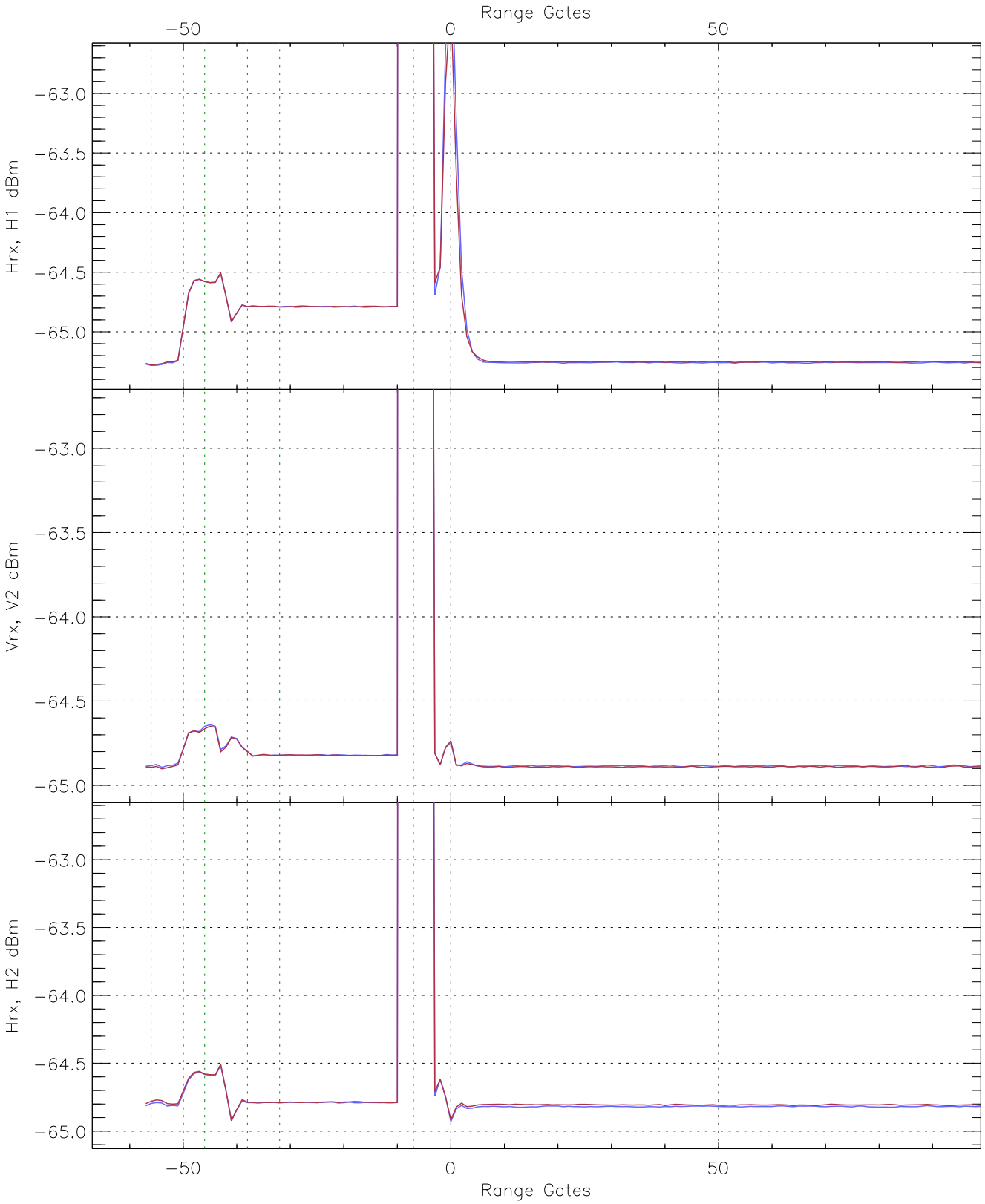


WCR3 CPP "Best" estimate Receivers Noise Power

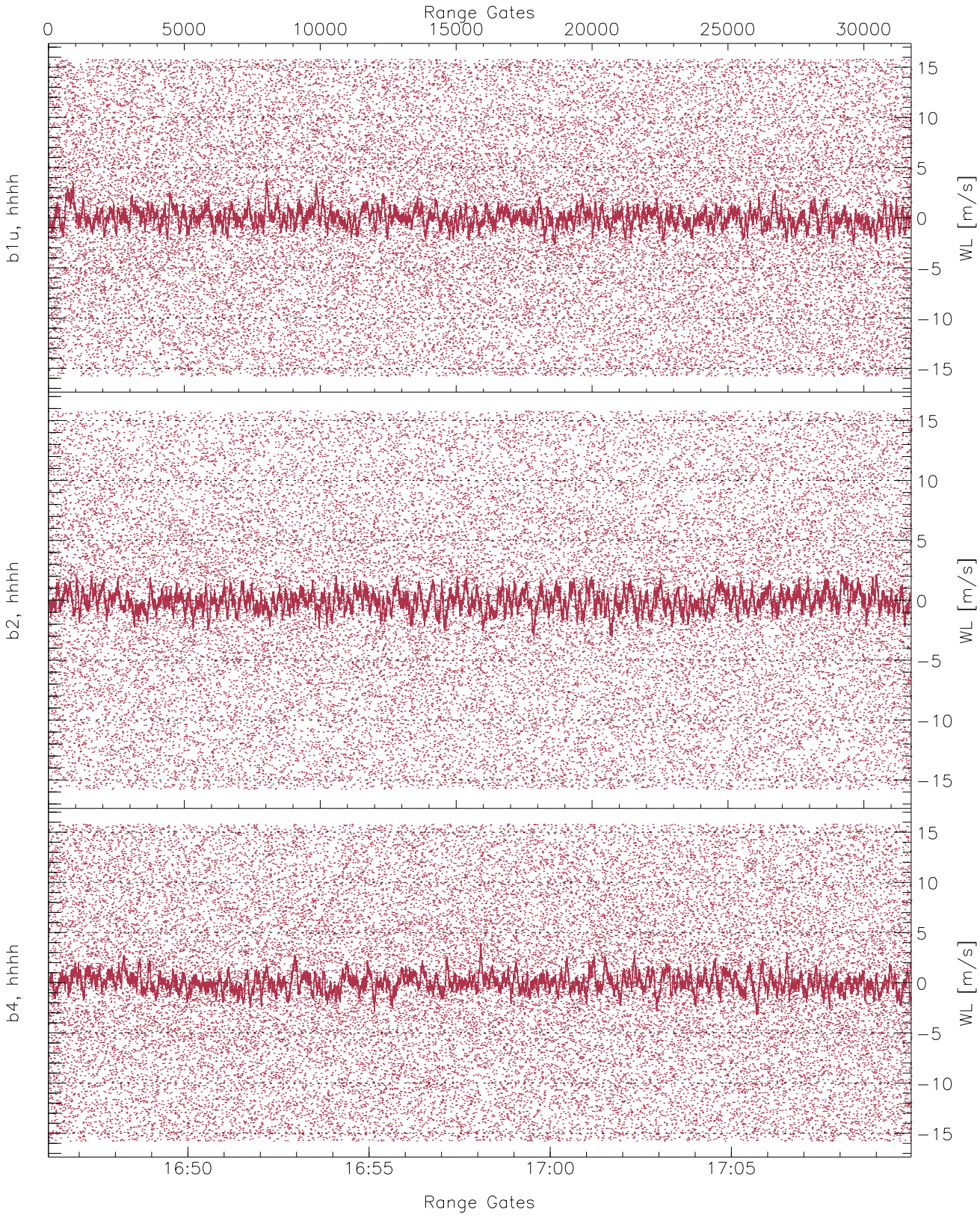
	Min	Max	Mean	Median	StDev
H1RG53_0 [dBm]	-66.50	-64.18	-65.28	-65.29	-76.79
V2RG91_0 [dBm]	-66.31	-63.76	-64.89	-64.90	-76.40
H2RG64_0 [dBm]	-66.27	-63.63	-64.82	-64.82	-76.34



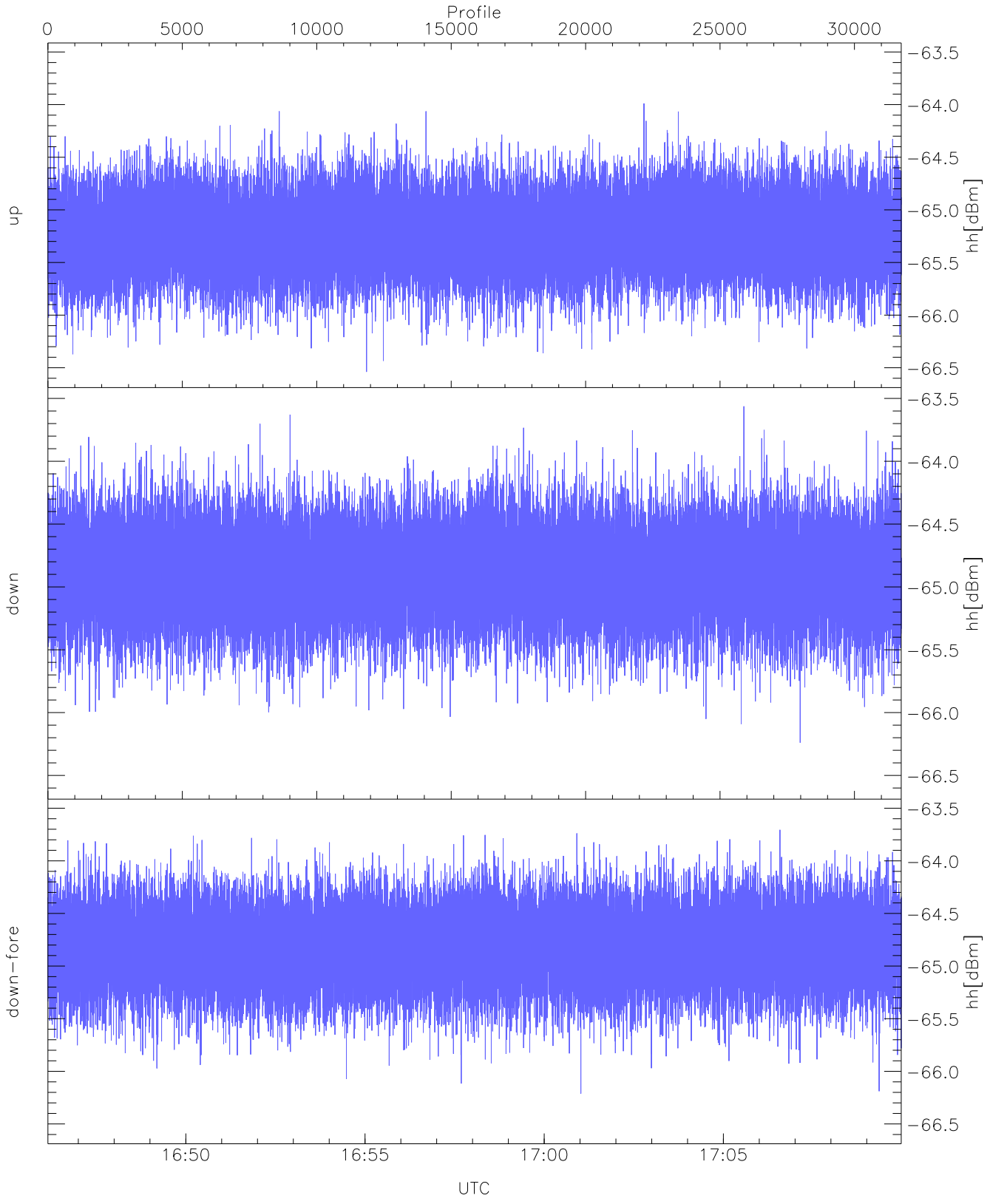
WCR3 CPP Averaged Received power for all recorded gates
blue: 164609-165803, 15871 profiles averaged
red: 165803-170958, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 164609-165803, 15871 profiles averaged
red: 165803-170958, 15871 profiles averaged

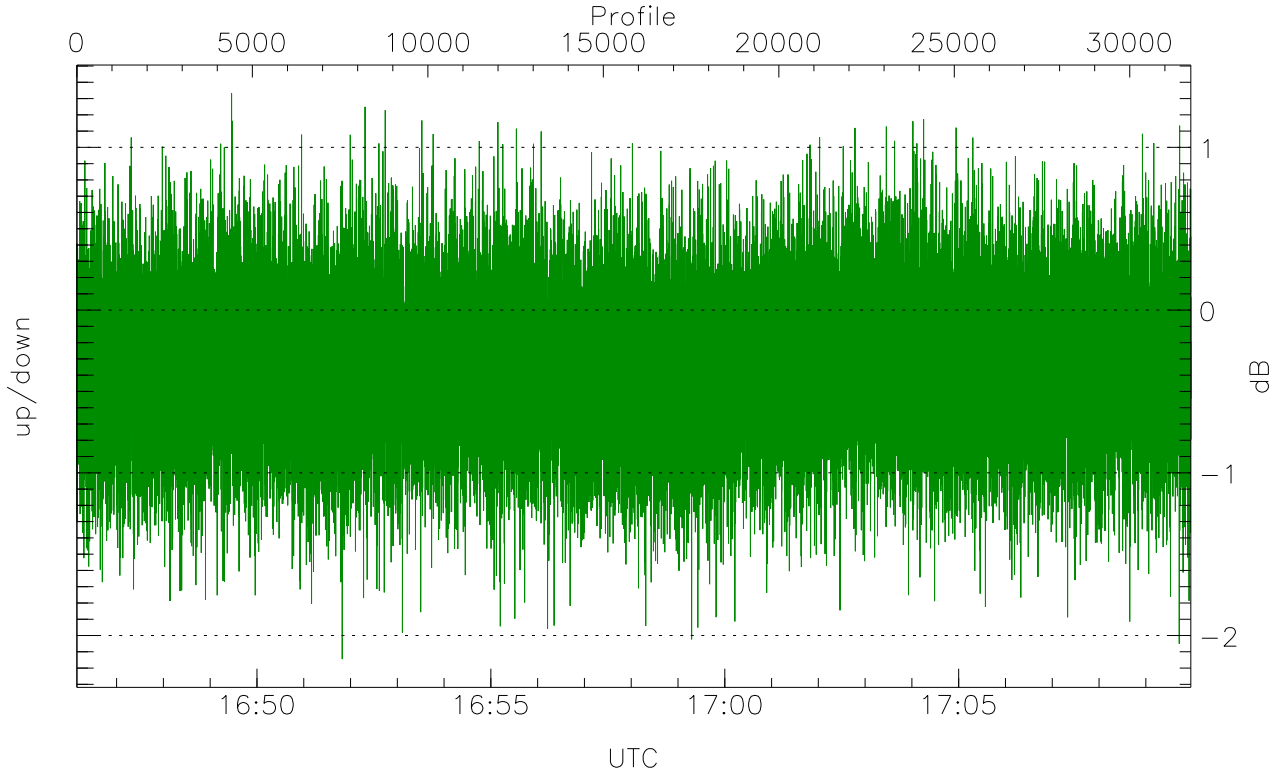


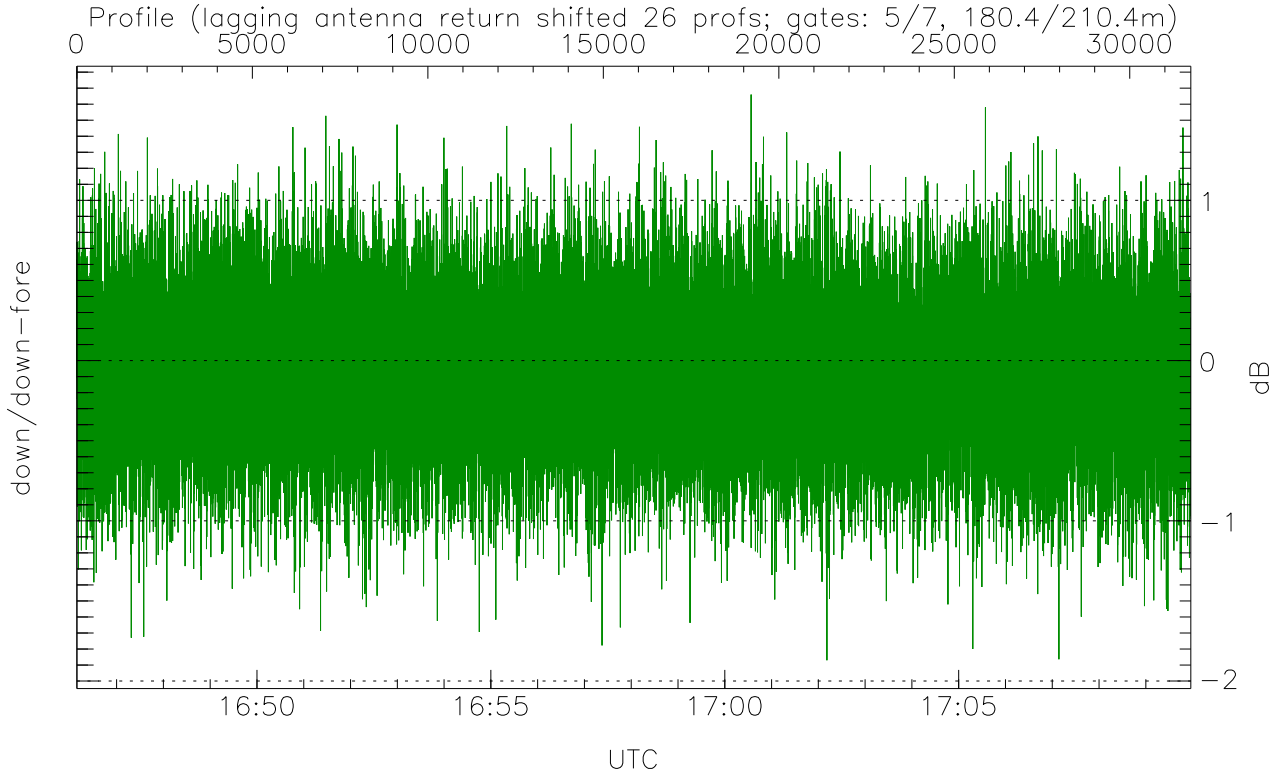
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

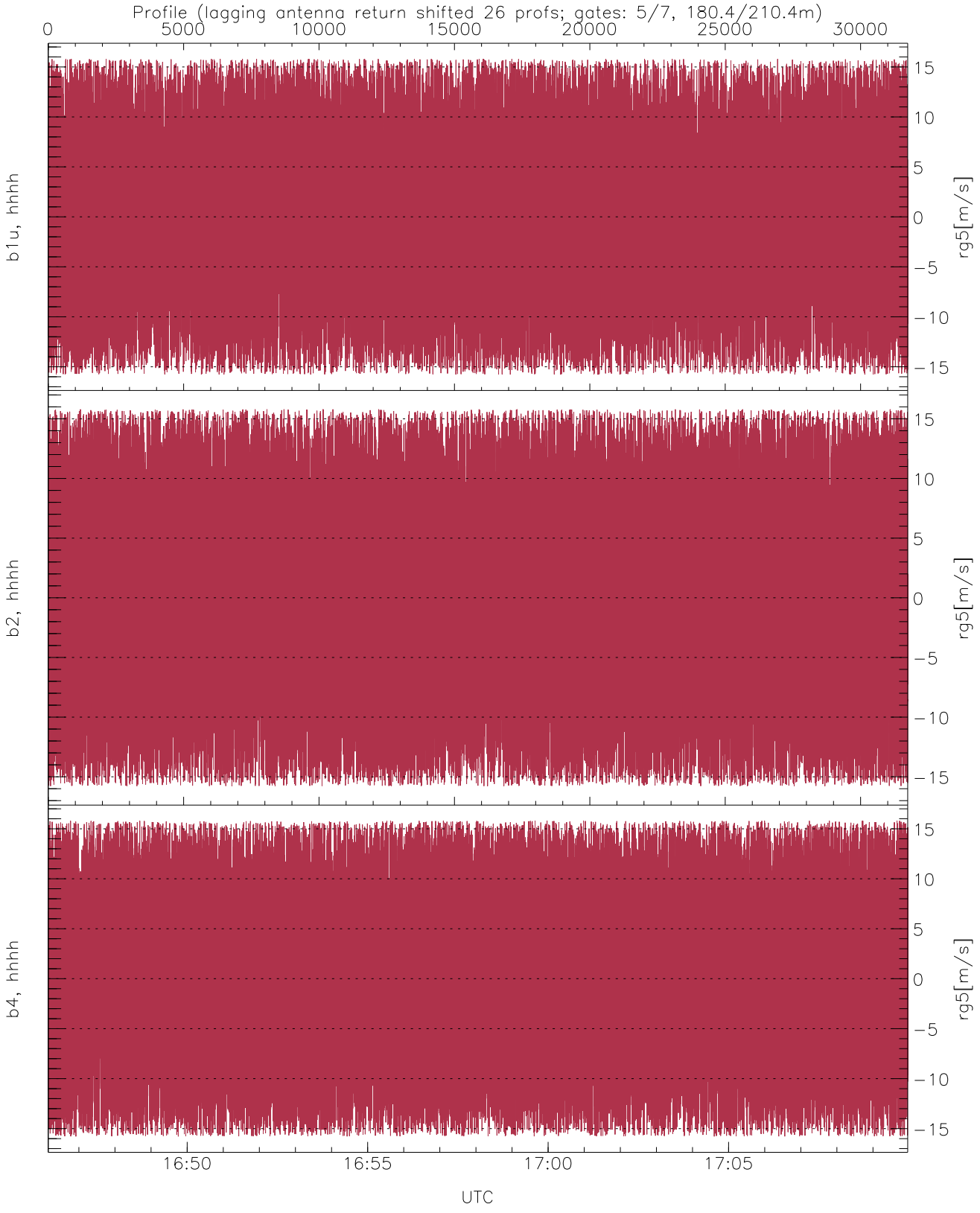
	Min	Max	Mean
up(hh[dBm])	-66.54	-63.99	-65.22
down(hh[dBm])	-66.24	-63.56	-64.88
down-fore(hh[dBm])	-66.21	-63.71	-64.81





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

	Min	Max	Mean
up/down(dB)	-2.14	1.33	-0.34
down/down-fore(dB)	-1.87	1.66	-0.07



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.04	8.08
b2, hhhh(rg5[m/s])	-15.78	15.79	0.06	8.71
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.02	8.61