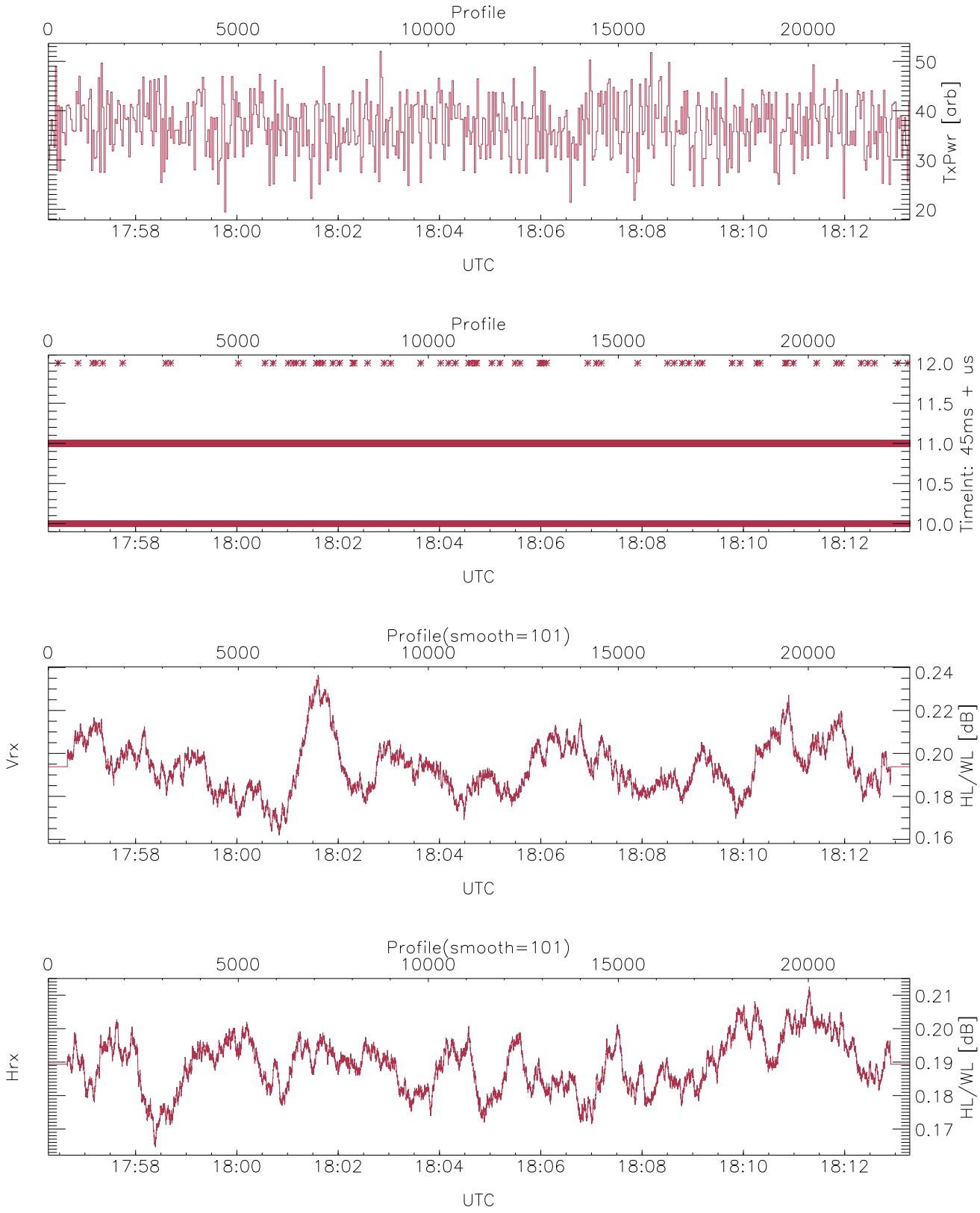
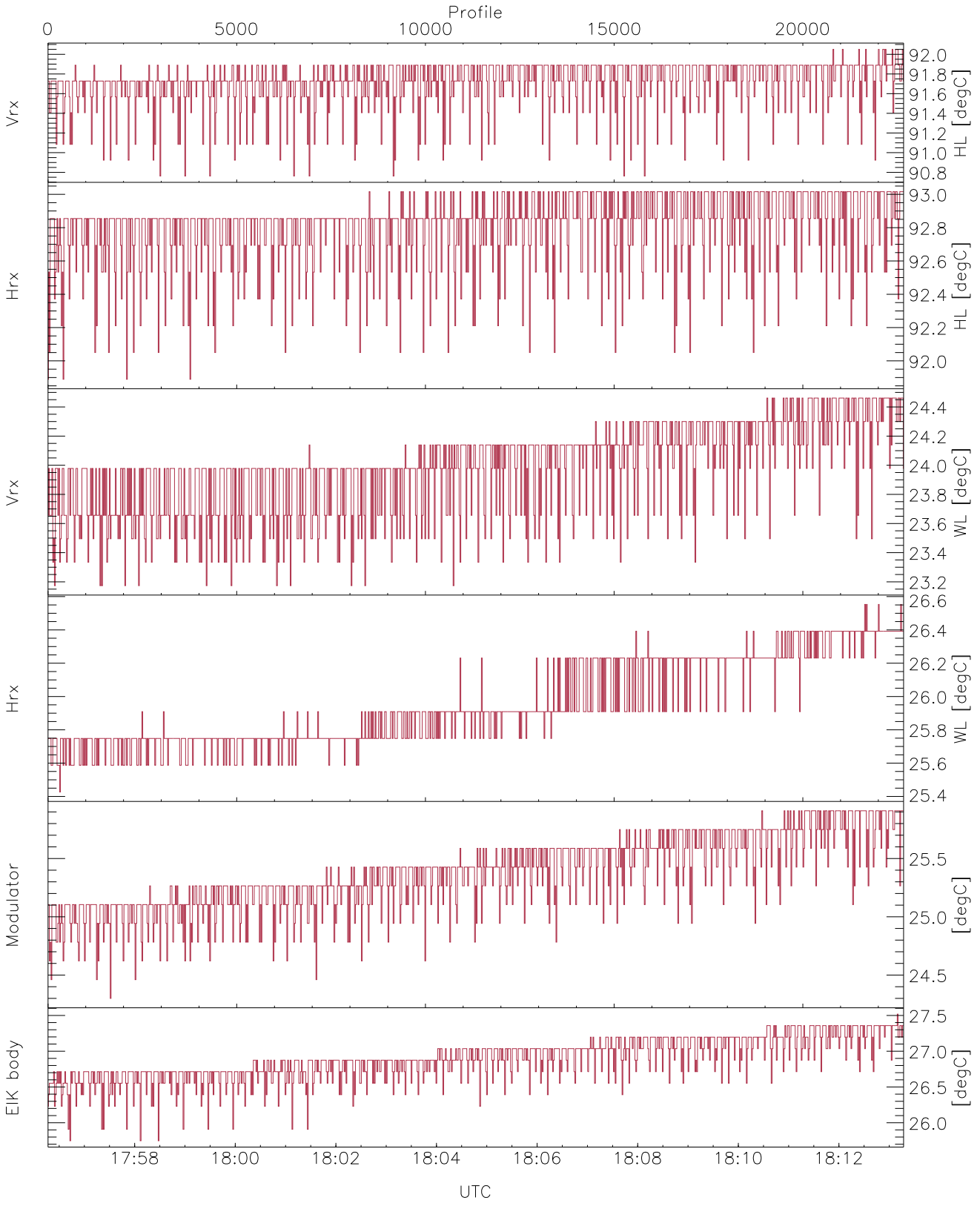


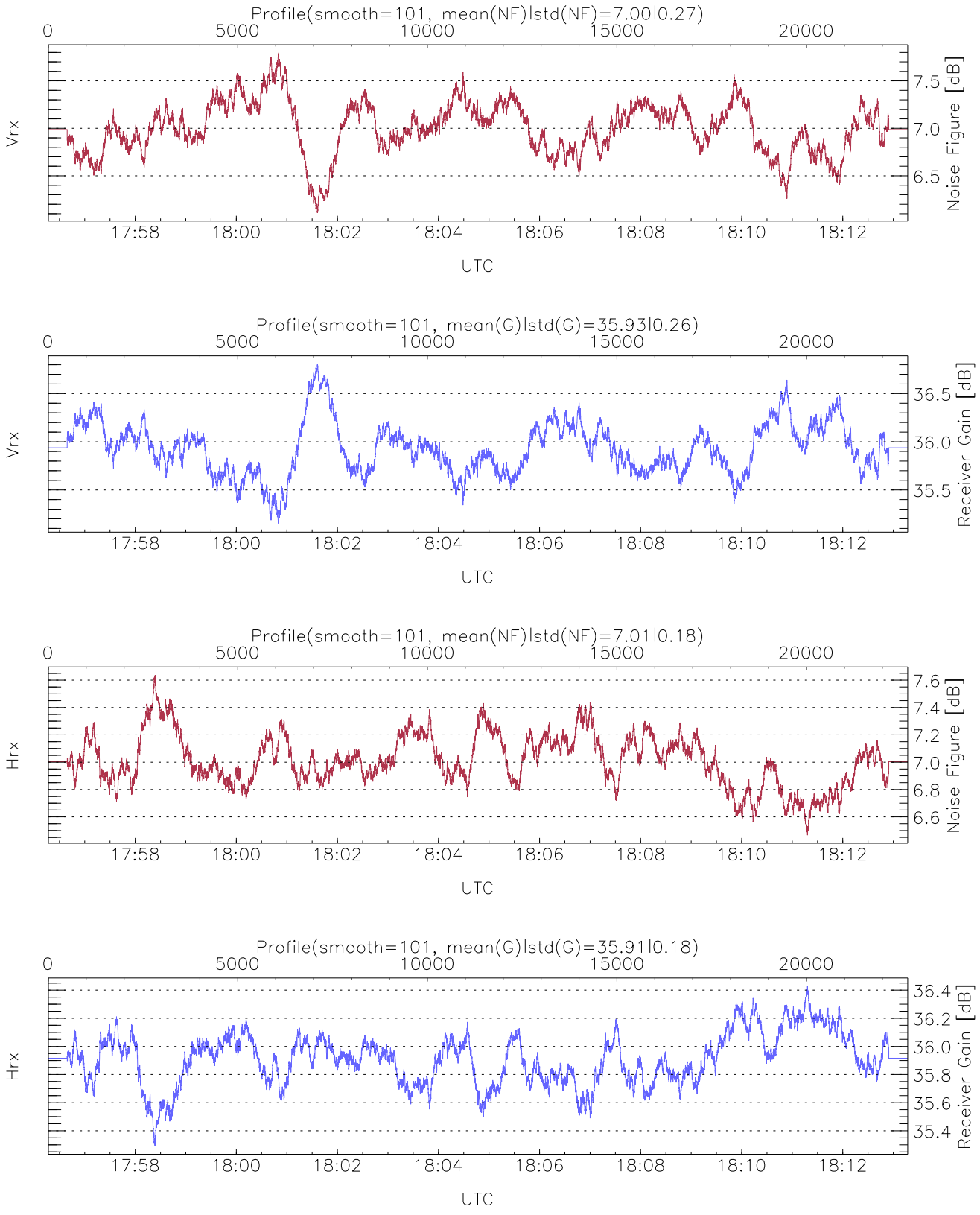
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:56:17-18:13:17, TimeCor: 0.00s, Dur: 1020.45s
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): 22672/22672, 0-22671/17:56:17-18:13:17
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



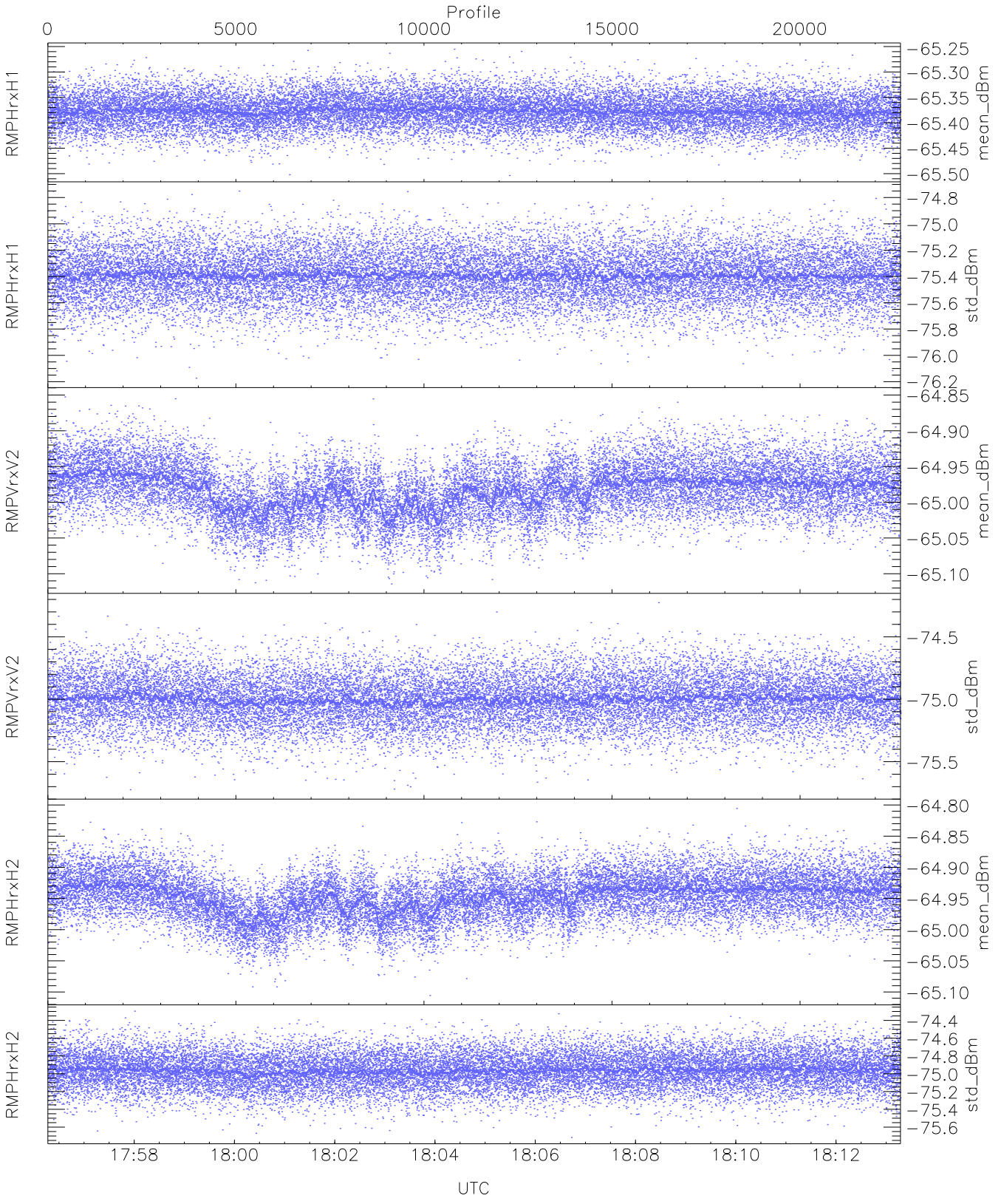
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,23,25,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,25,27
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (23,23,23,23,23,23)



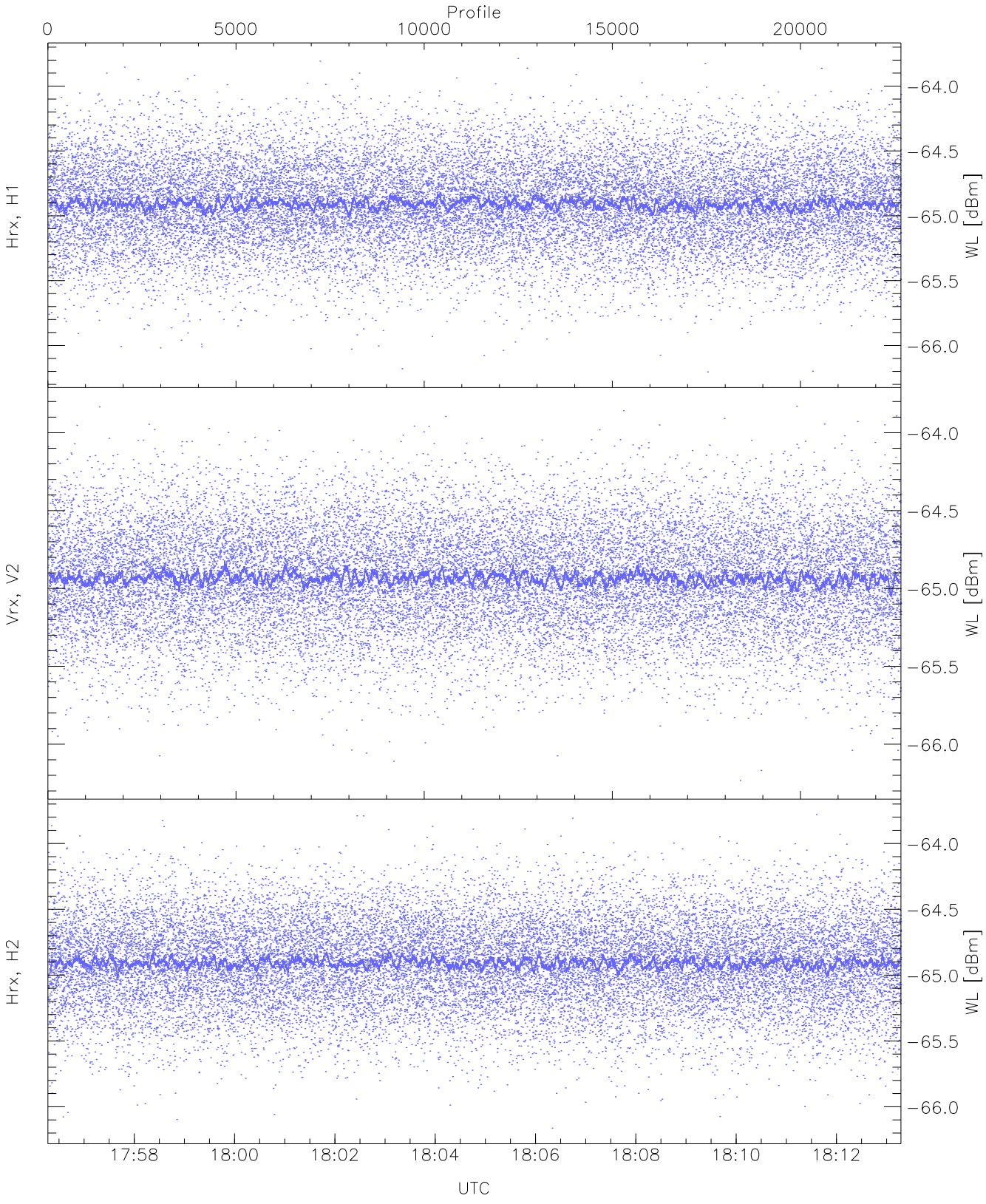
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 53 pixs, 1 gates, 53 profs, 1 prod(s)



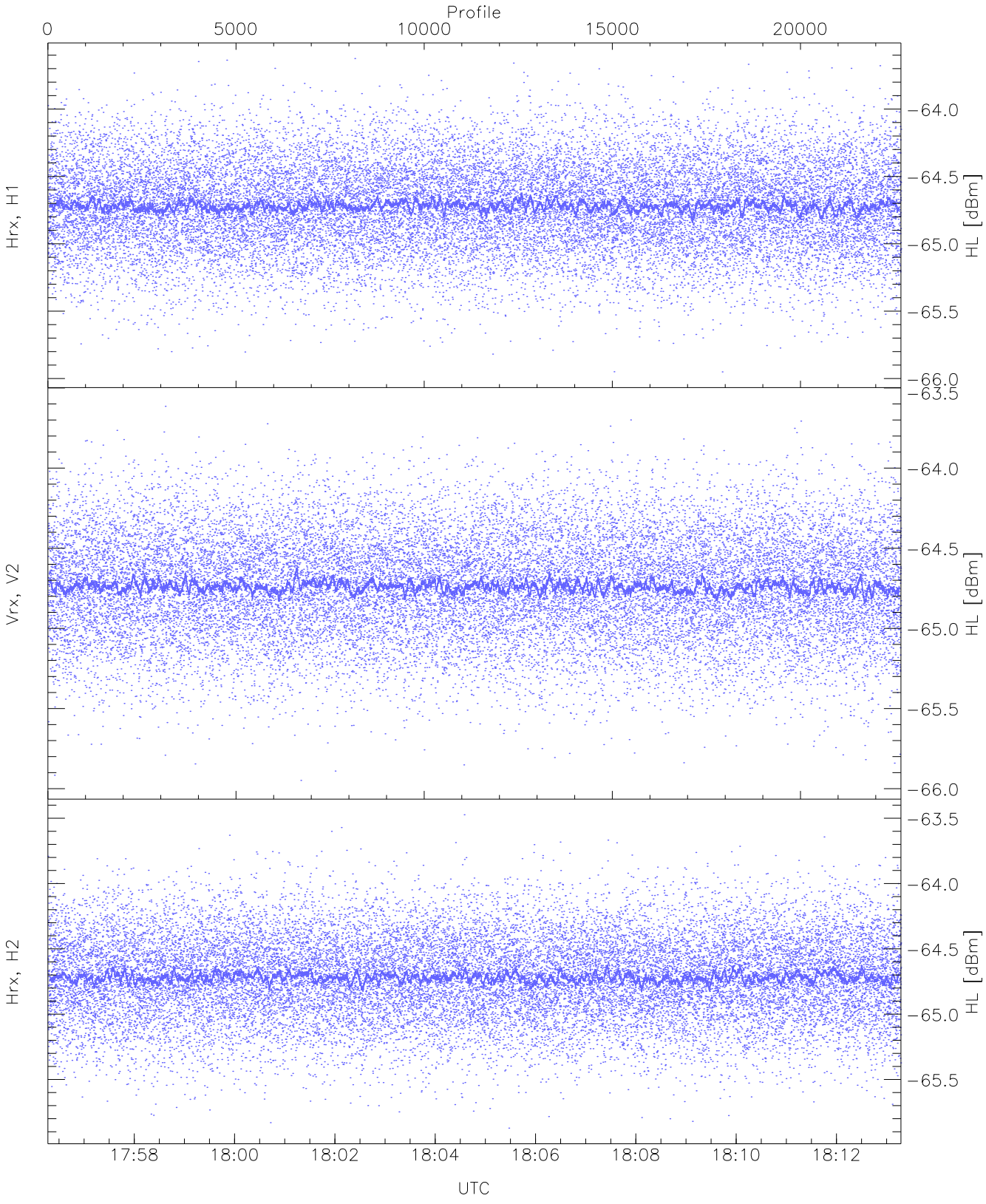
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.26	-65.38	-65.38	-86.96
RMPHrxH1(std_dBm)	-76.17	-74.75	-75.39	-75.39	-89.21
RMPVrxV2(mean_dBm)	-65.11	-64.85	-64.98	-64.98	-85.86
RMPVrxV2(std_dBm)	-75.72	-74.23	-75.00	-75.00	-88.76
RMPHrxH2(mean_dBm)	-65.11	-64.81	-64.95	-64.95	-85.94
RMPHrxH2(std_dBm)	-75.72	-74.30	-74.96	-74.97	-88.72



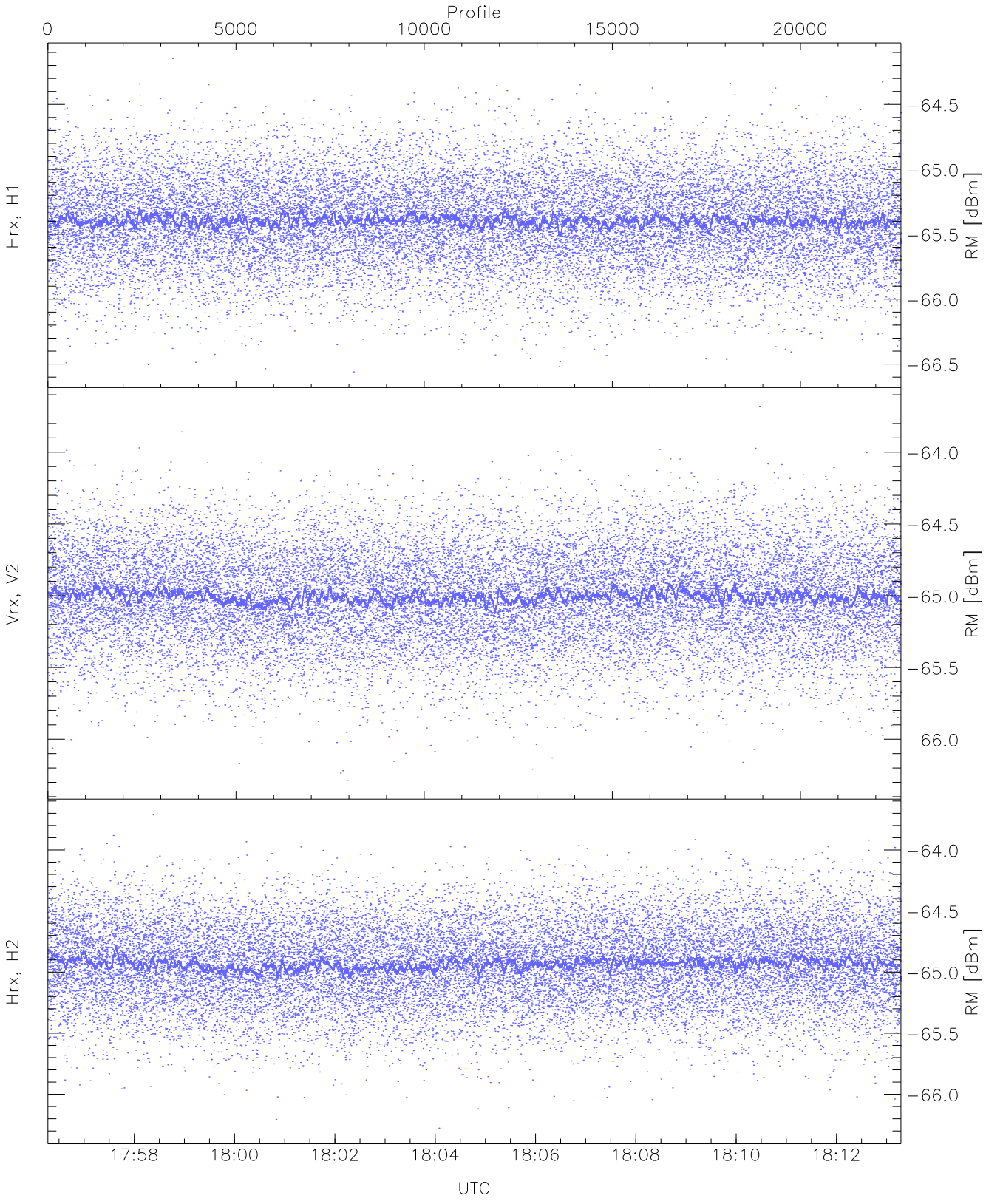
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.20	-63.79	-64.90	-64.91	-76.39
Vrx, V2(WL [dBm])	-66.23	-63.83	-64.92	-64.94	-76.44
Hrx, H2(WL [dBm])	-66.16	-63.78	-64.90	-64.90	-76.41



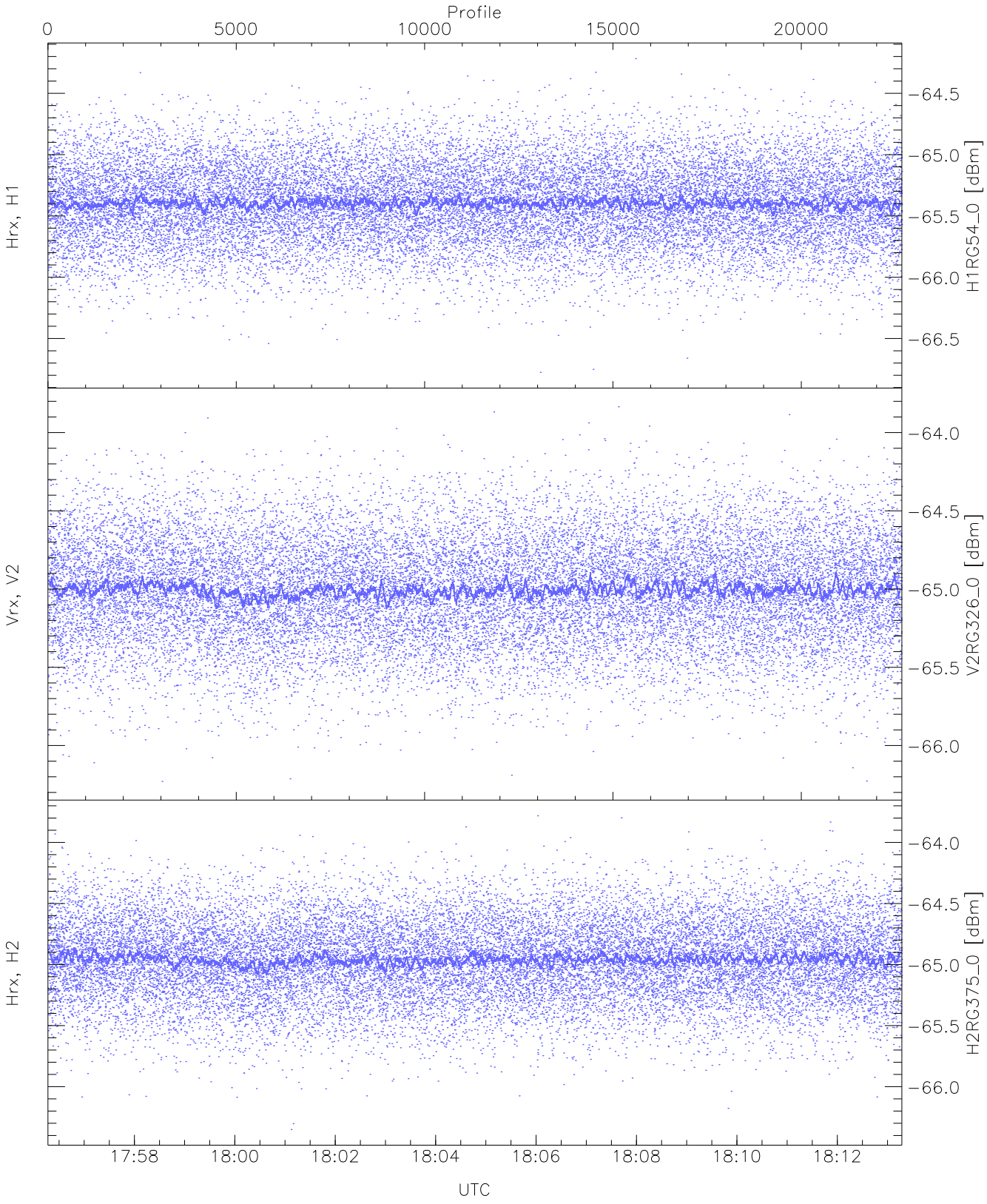
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.95	-63.63	-64.71	-64.72	-76.21
Vrx, V2(HL [dBm])	-65.95	-63.61	-64.73	-64.74	-76.26
Hrx, H2(HL [dBm])	-65.87	-63.47	-64.71	-64.72	-76.21



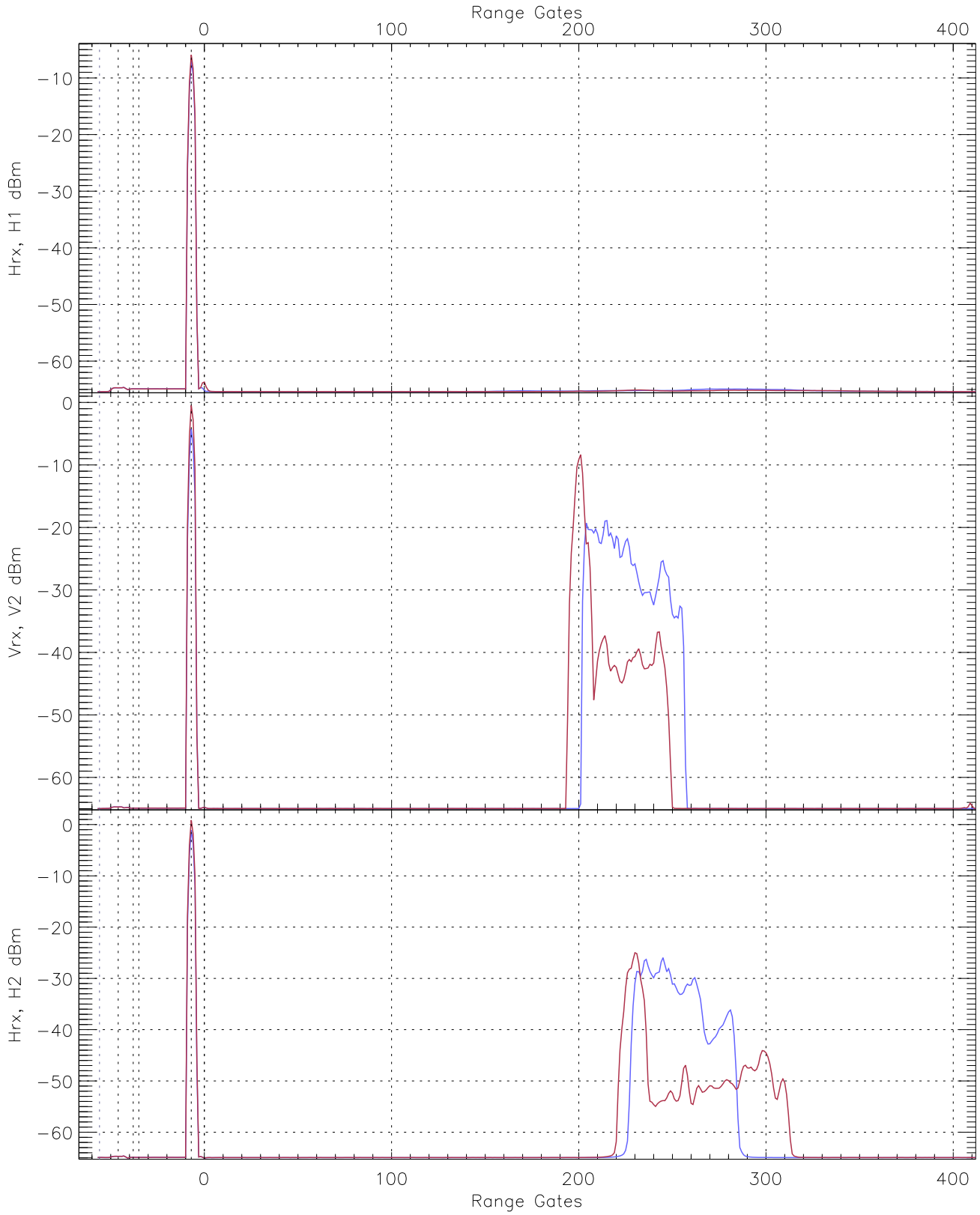
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.56	-64.15	-65.39	-65.40	-76.86
Vrx, V2(RM [dBm])	-66.29	-63.68	-65.00	-65.01	-76.52
Hrx, H2(RM [dBm])	-66.28	-63.71	-64.93	-64.93	-76.44

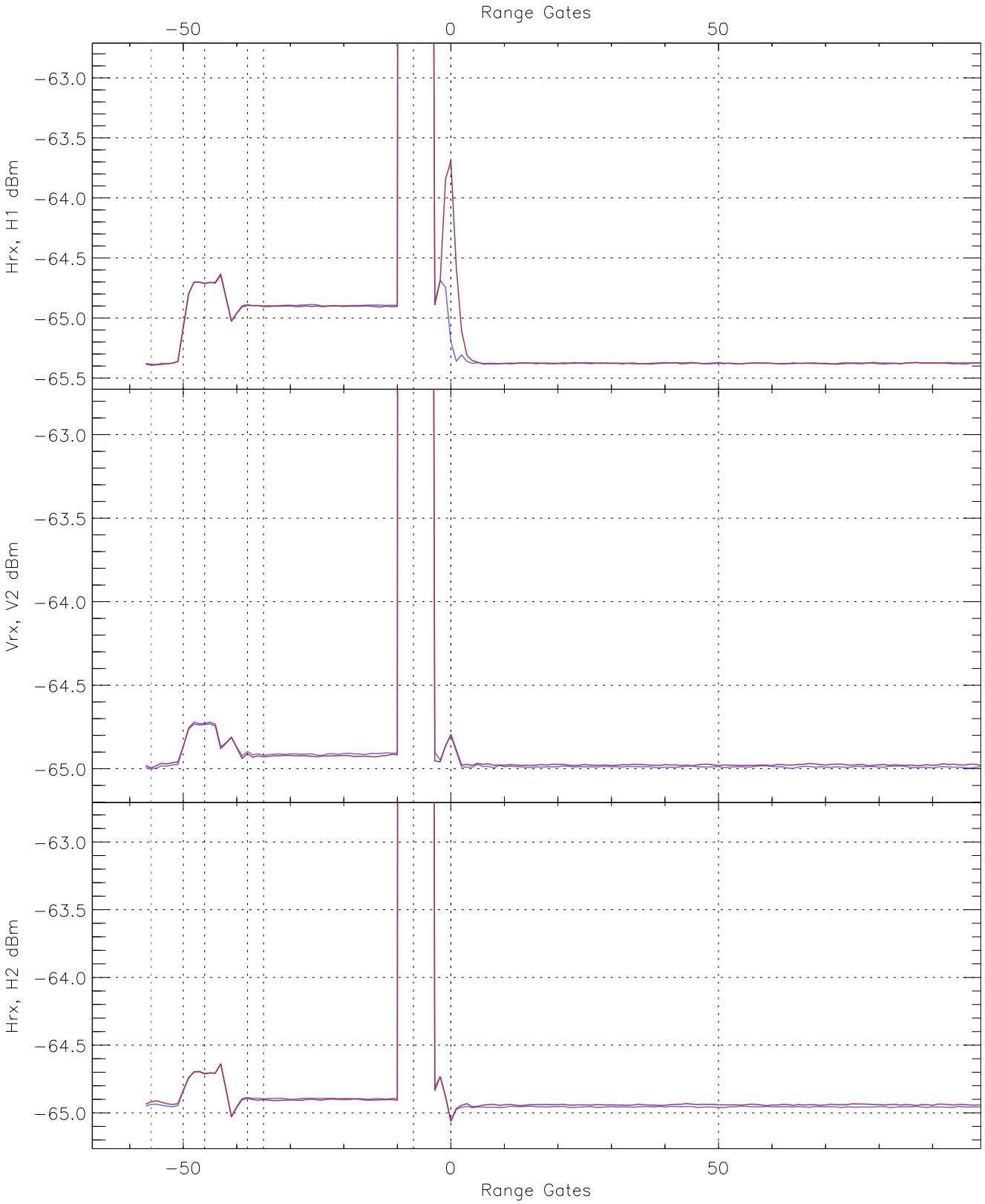


WCR3 CPP "Best" estimate Receivers Noise Power

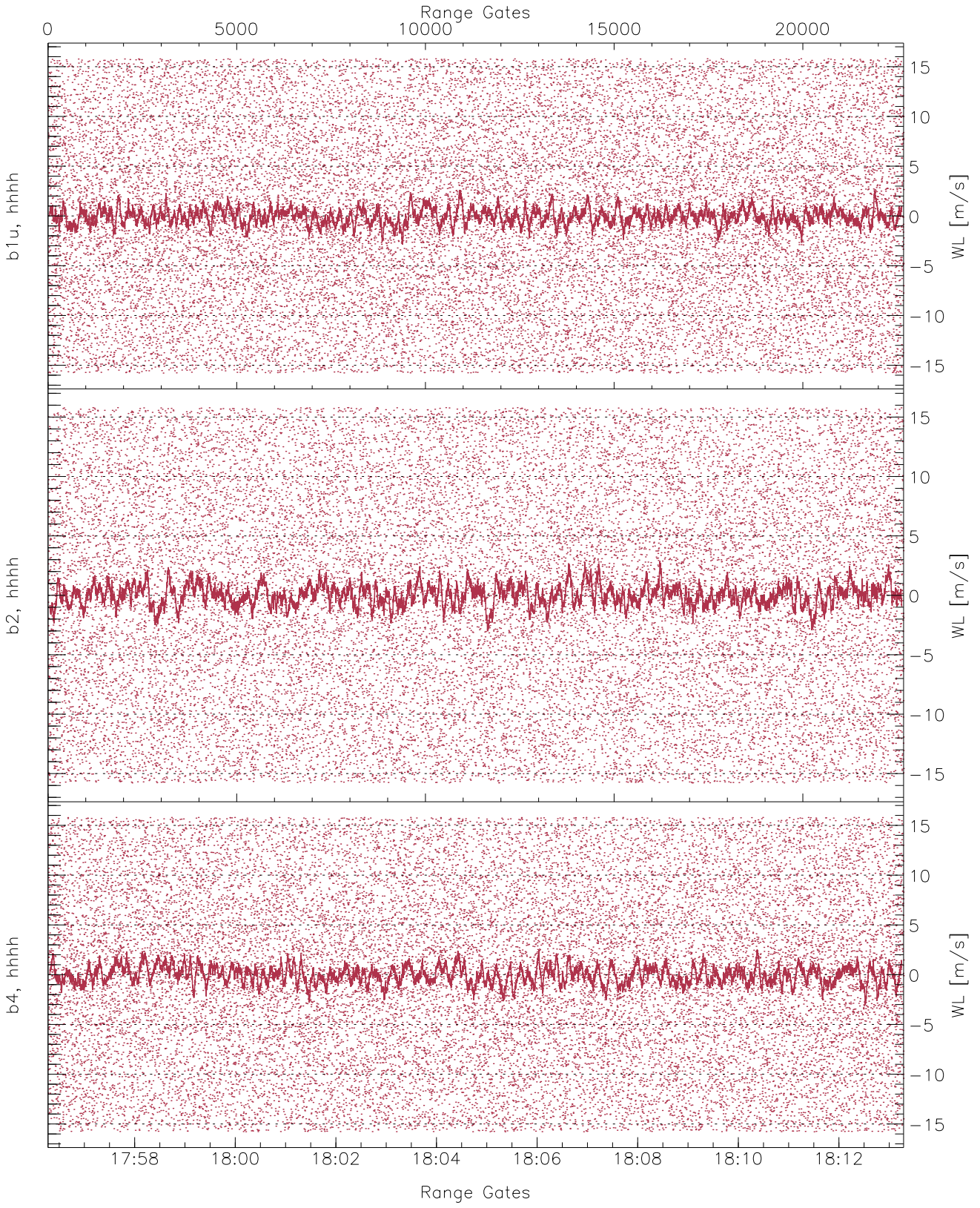
	Min	Max	Mean	Median	StDev
H1RG54_0 [dBm]	-66.78	-64.22	-65.39	-65.40	-76.91
V2RG326_0 [dBm]	-66.23	-63.83	-65.00	-65.01	-76.47
H2RG375_0 [dBm]	-66.35	-63.78	-64.95	-64.96	-76.44



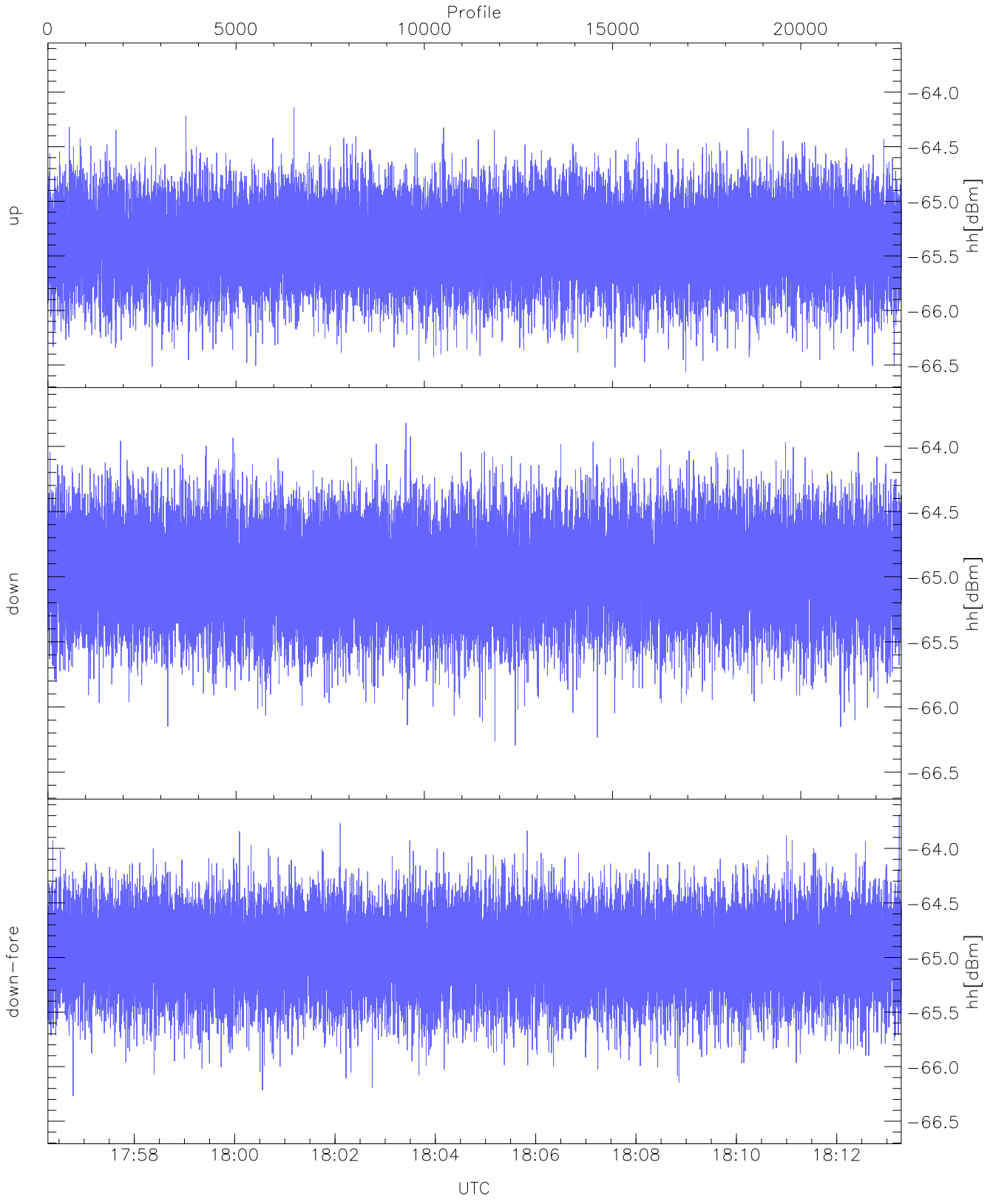
WCR3 CPP Averaged Received power for all recorded gates
blue: 175617-180447, 11337 profiles averaged
red: 180447-181317, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 175617-180447, 11337 profiles averaged
red: 180447-181317, 11336 profiles averaged

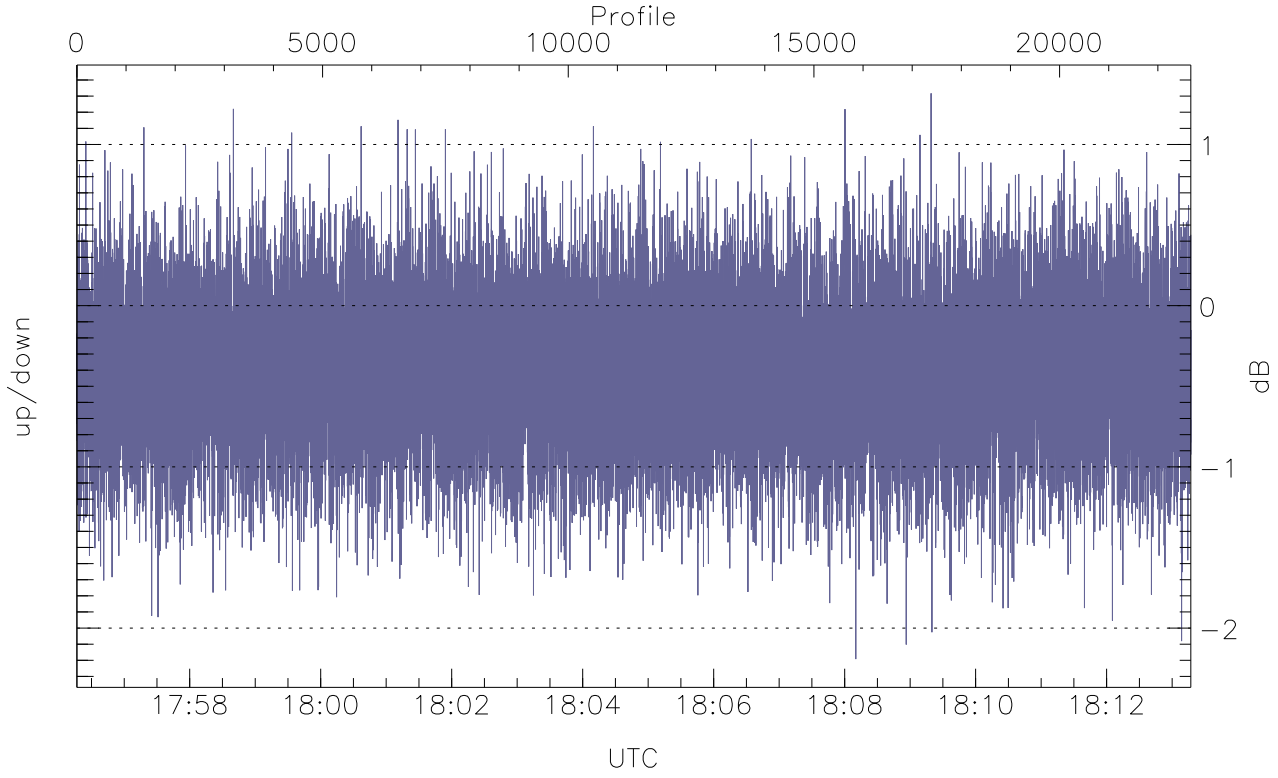


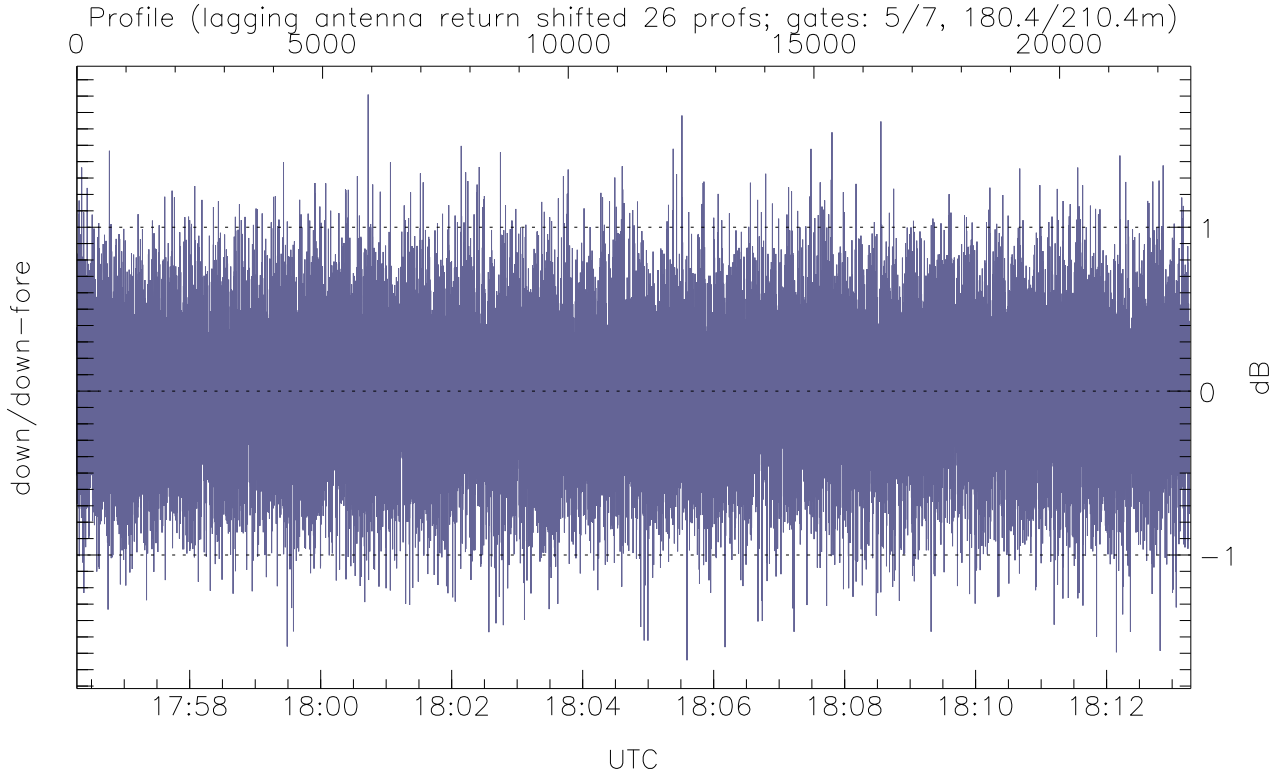
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

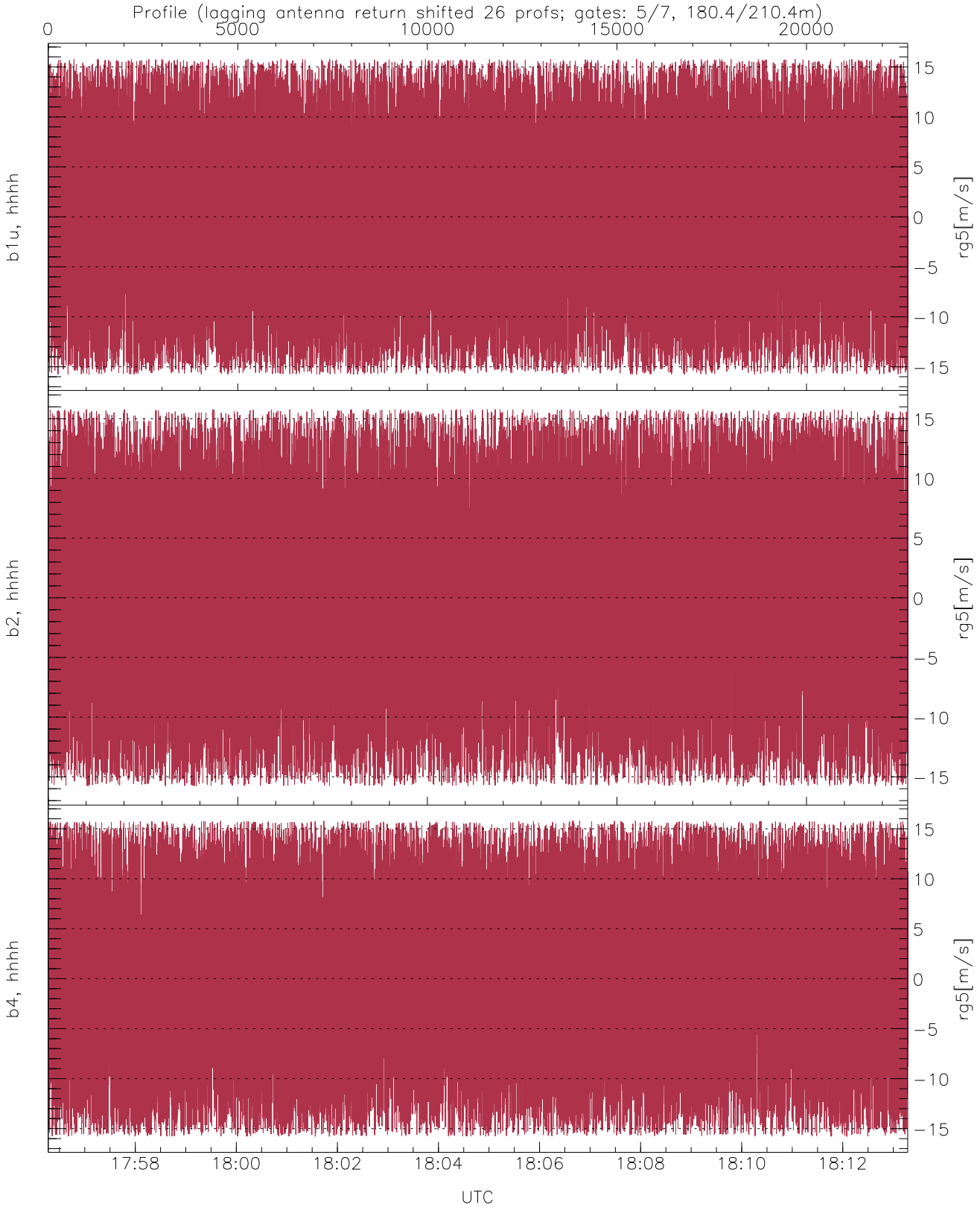
	Min	Max	Mean
up(hh[dBm])	-66.56	-64.14	-65.37
down(hh[dBm])	-66.29	-63.82	-64.97
down-fore(hh[dBm])	-66.27	-63.69	-64.95





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

	Min	Max	Mean
up/down(dB)	-2.19	1.32	-0.40
down/down-fore(dB)	-1.64	1.81	-0.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.00	8.62
b2, hhhh(rg5[m/s])	-15.79	15.79	0.01	8.50
b4, hhhh(rg5[m/s])	-15.79	15.79	0.01	8.71