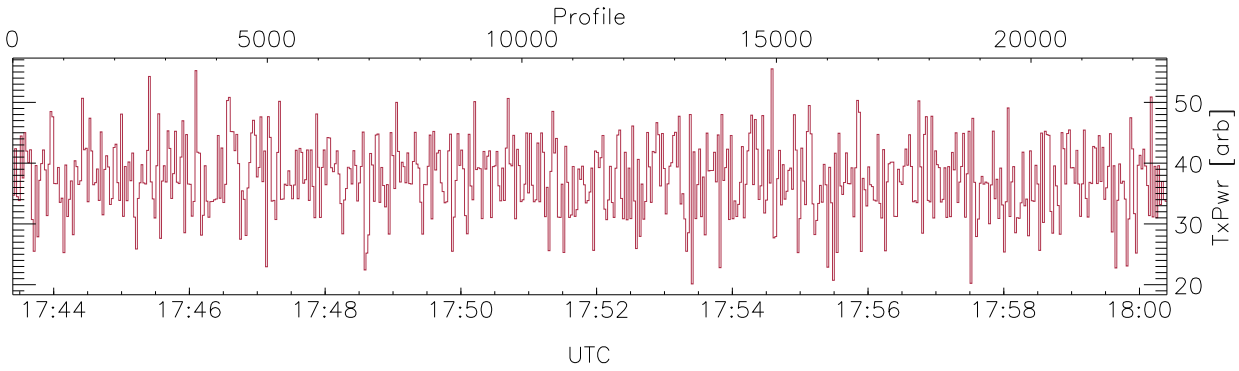
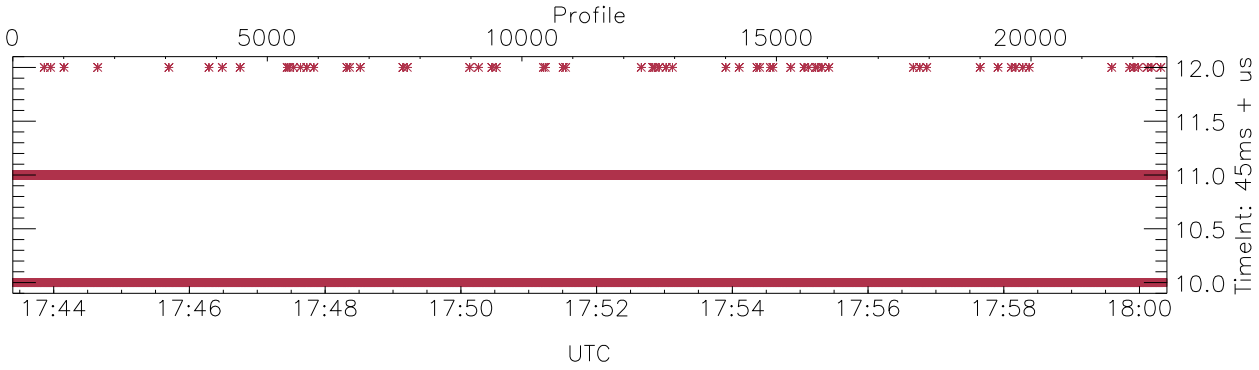
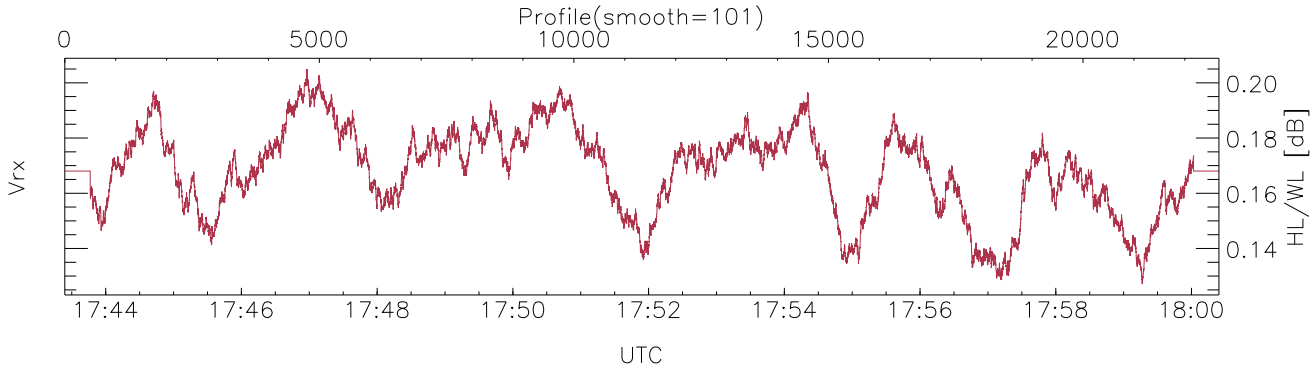
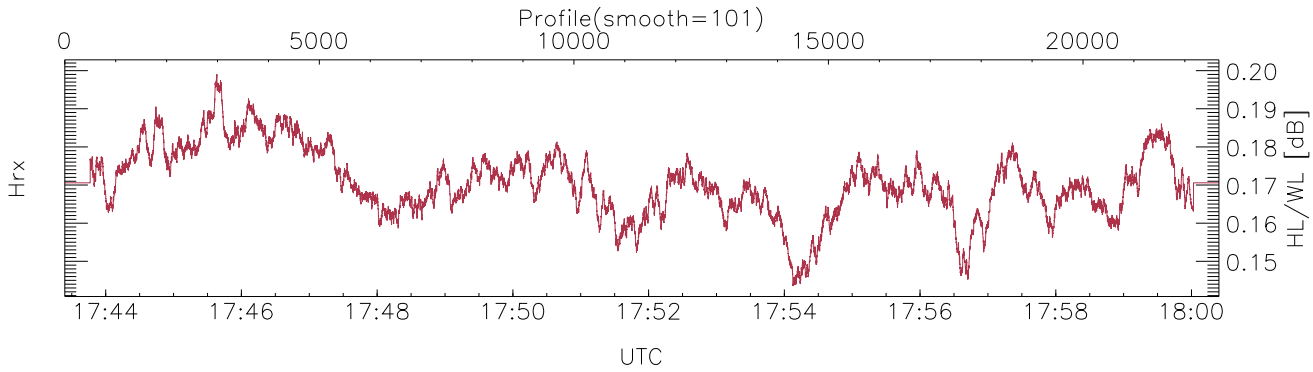


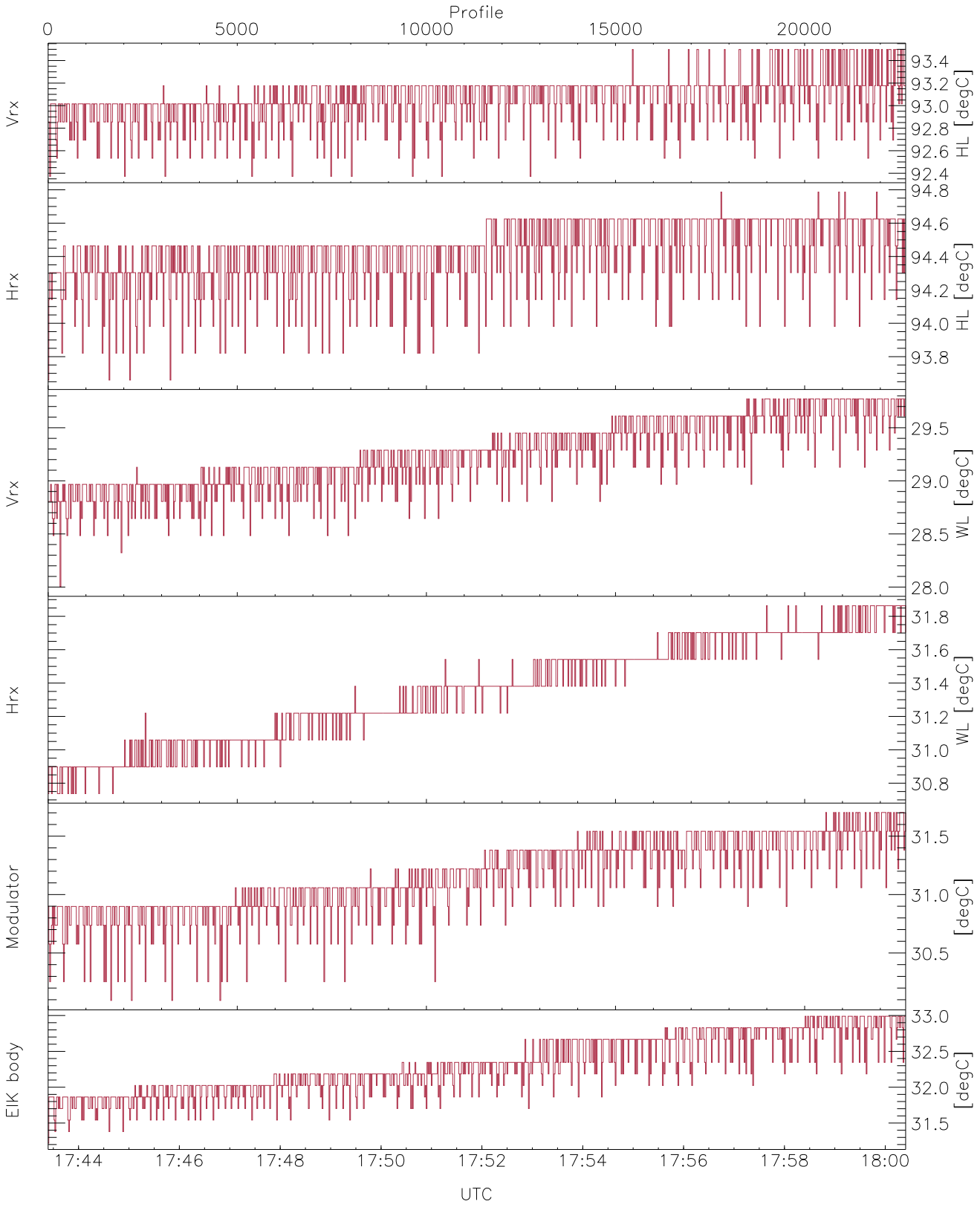






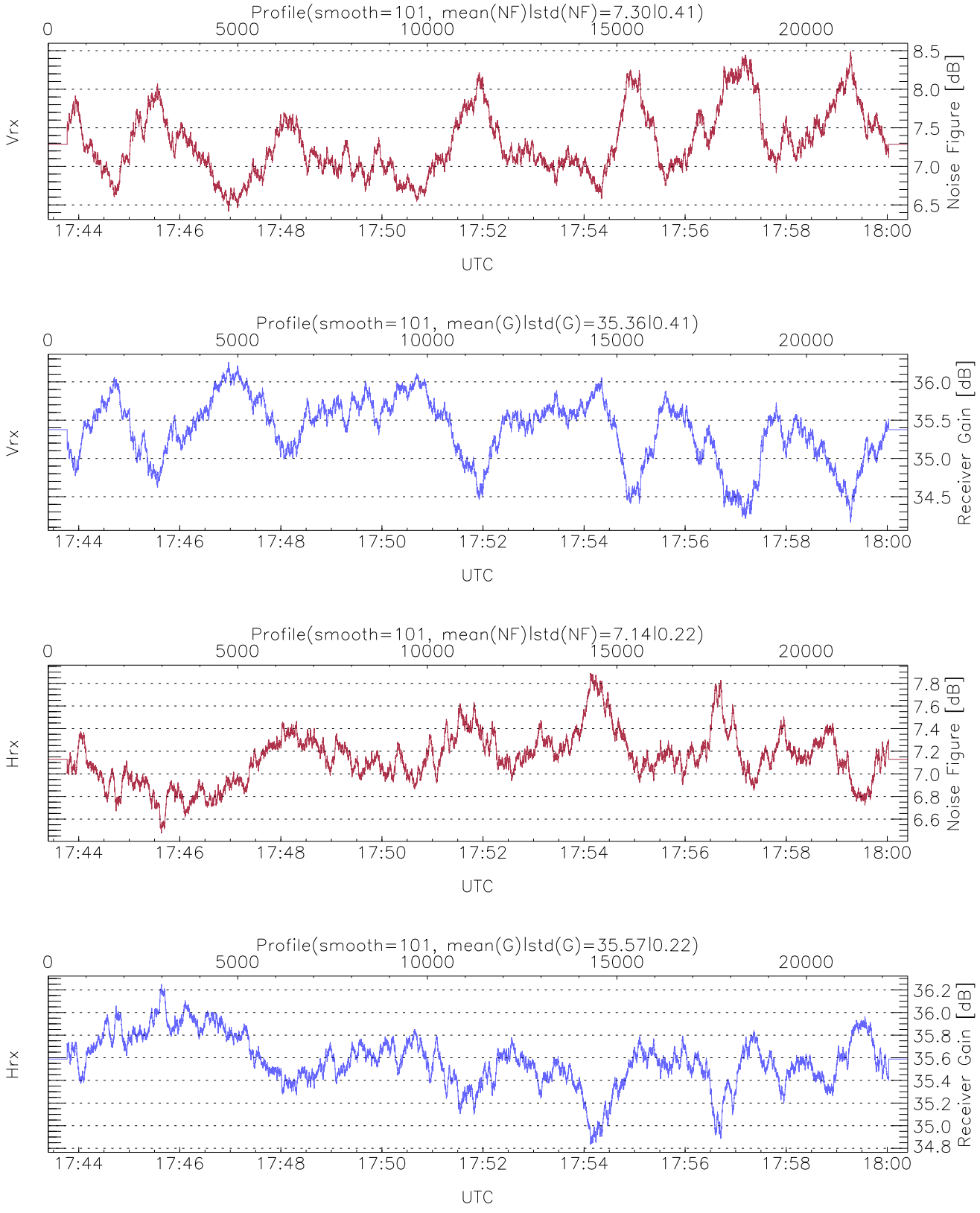
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:43:24-18:00:24, 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, 0-22671/17:43:24-18:00:24
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



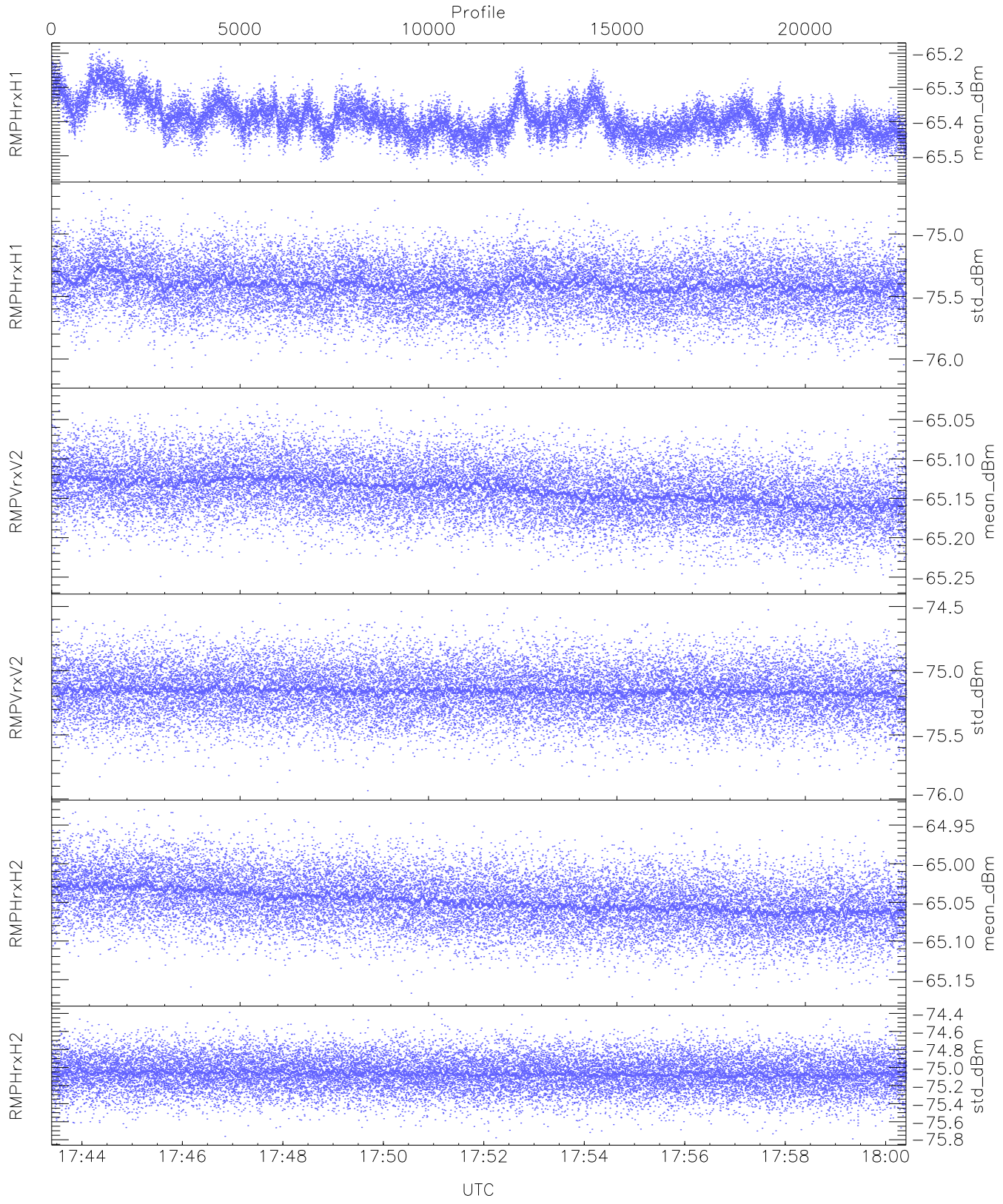
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,30,30,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,31,32
LOalarm(20,240,2817,14861 MHz): 0,0,23,0
EIK/Modulator Faults: None



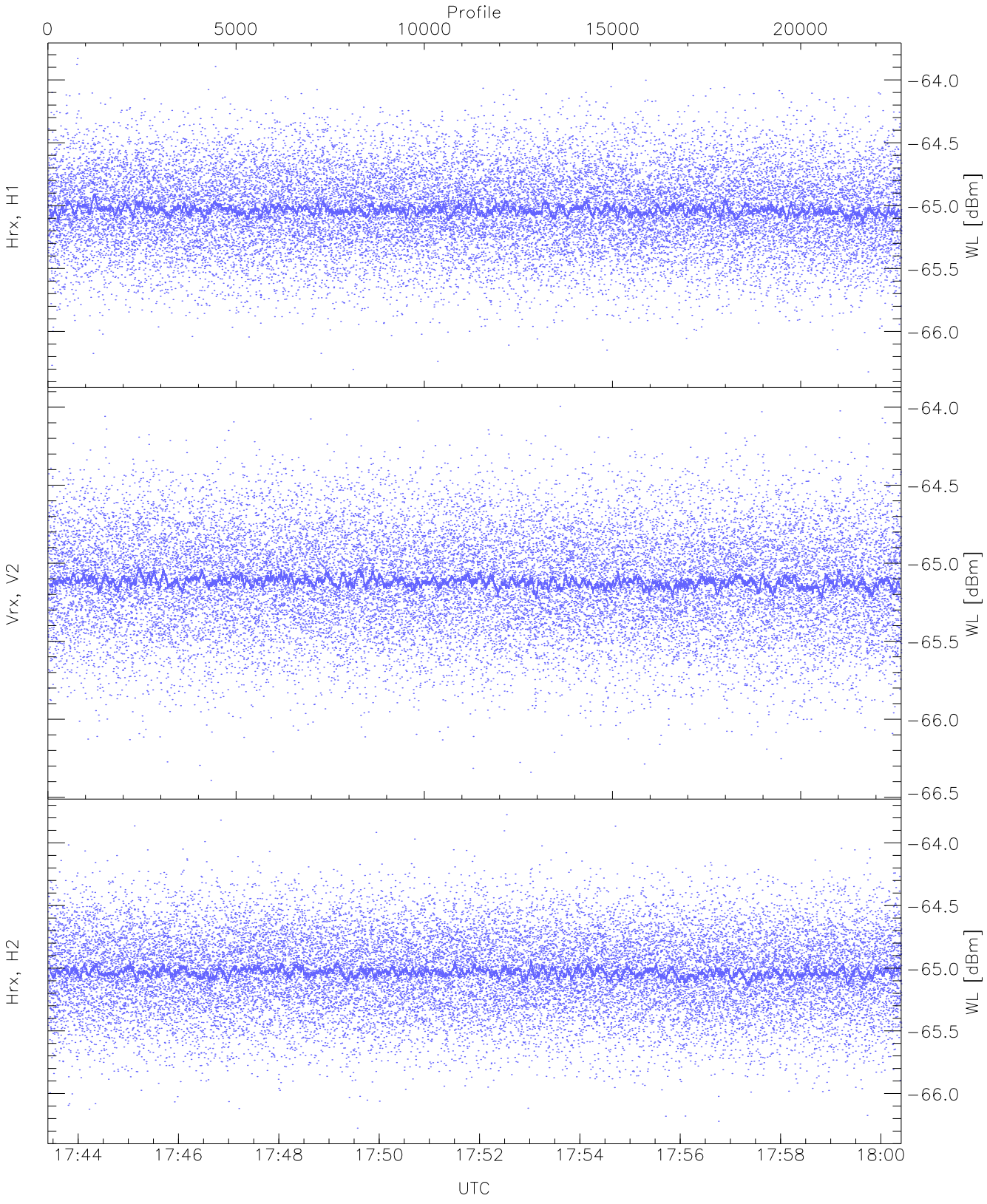
WCR3 CPP Receivers Gain and Noise Figure

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



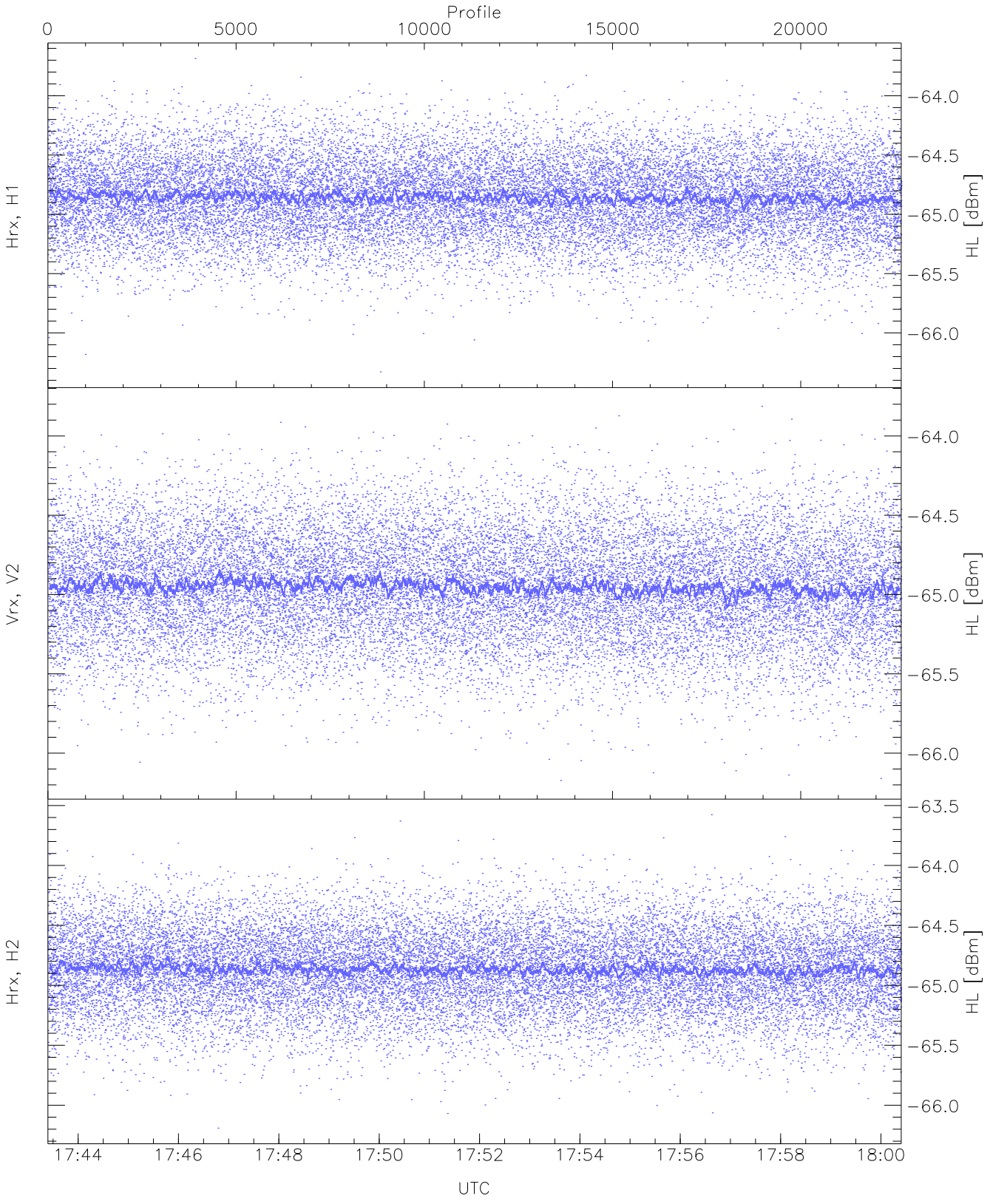
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.56	-65.19	-65.39	-65.40	-84.60
RMPHrxH1(std_dBm)	-76.16	-74.66	-75.41	-75.41	-89.09
RMPVrxV2(mean_dBm)	-65.26	-65.02	-65.14	-65.14	-86.43
RMPVrxV2(std_dBm)	-75.94	-74.48	-75.16	-75.16	-88.95
RMPHrxH2(mean_dBm)	-65.17	-64.93	-65.05	-65.05	-86.37
RMPHrxH2(std_dBm)	-75.79	-74.39	-75.07	-75.07	-88.84



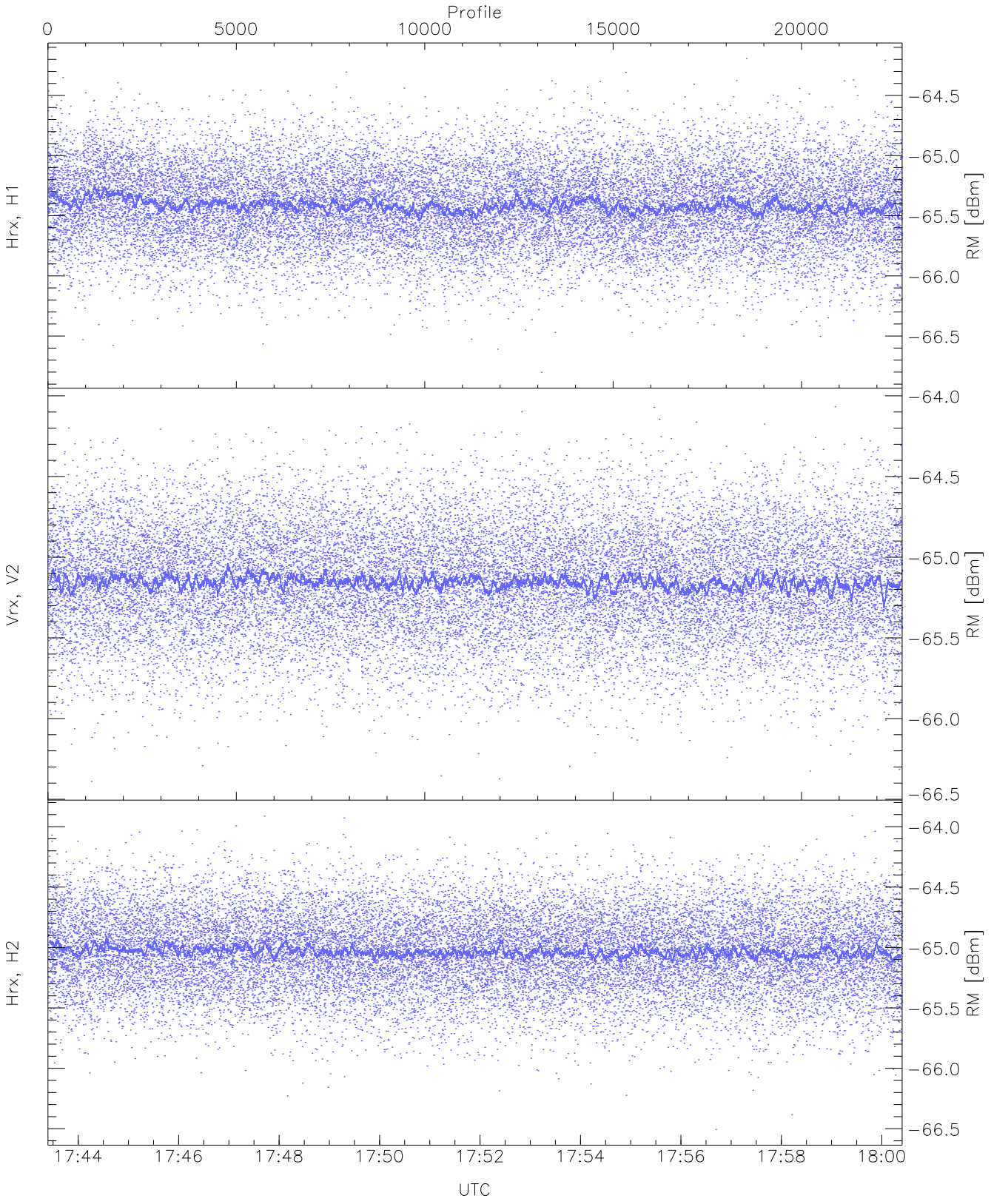
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.32	-63.83	-65.03	-65.03	-76.49
Vrx, V2(WL [dBm])	-66.39	-63.99	-65.11	-65.12	-76.60
Hrx, H2(WL [dBm])	-66.28	-63.78	-65.03	-65.03	-76.49



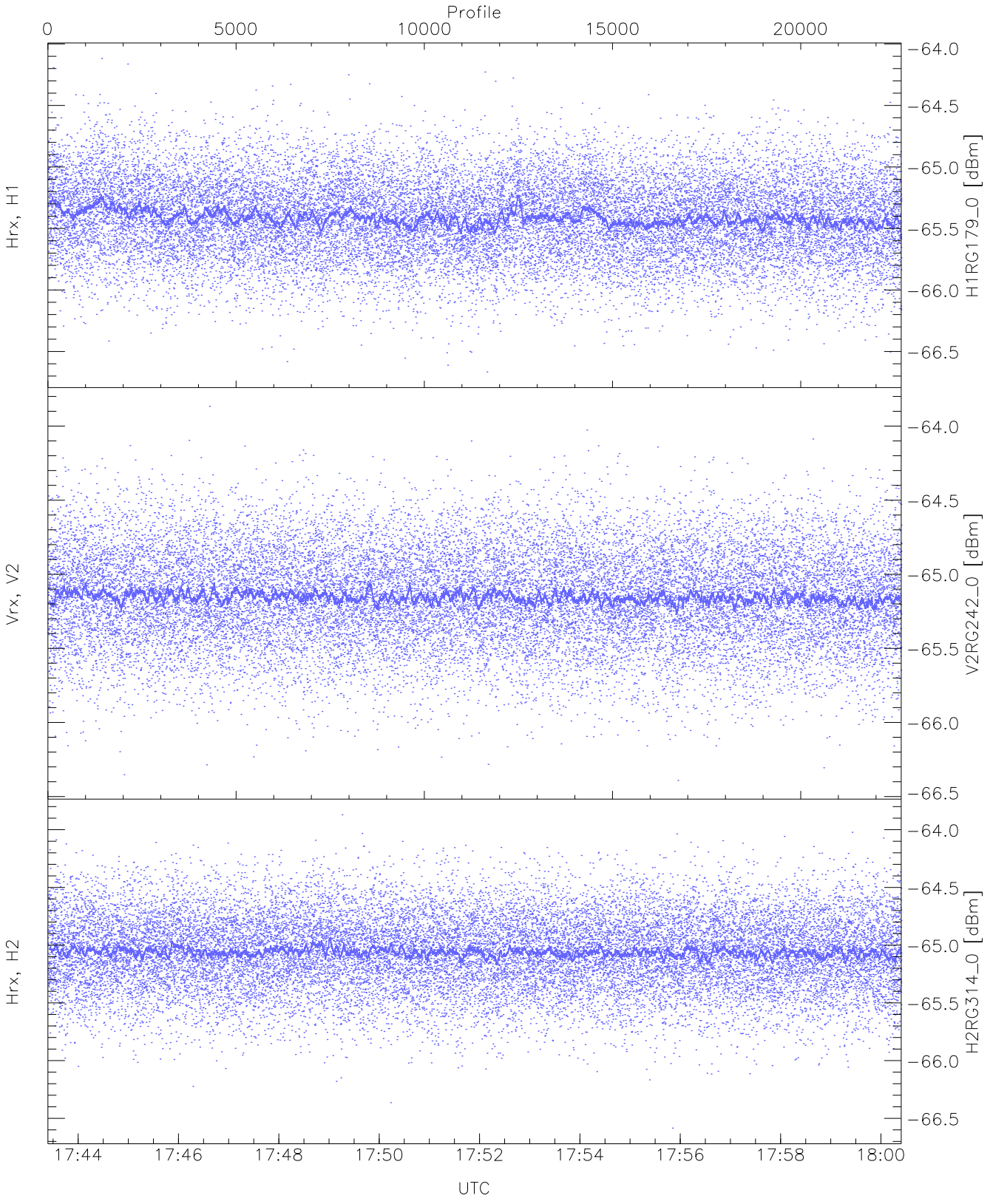
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.33	-63.69	-64.85	-64.86	-76.37
Vrx, V2(HL [dBm])	-66.17	-63.81	-64.94	-64.95	-76.46
Hrx, H2(HL [dBm])	-66.19	-63.58	-64.86	-64.87	-76.39



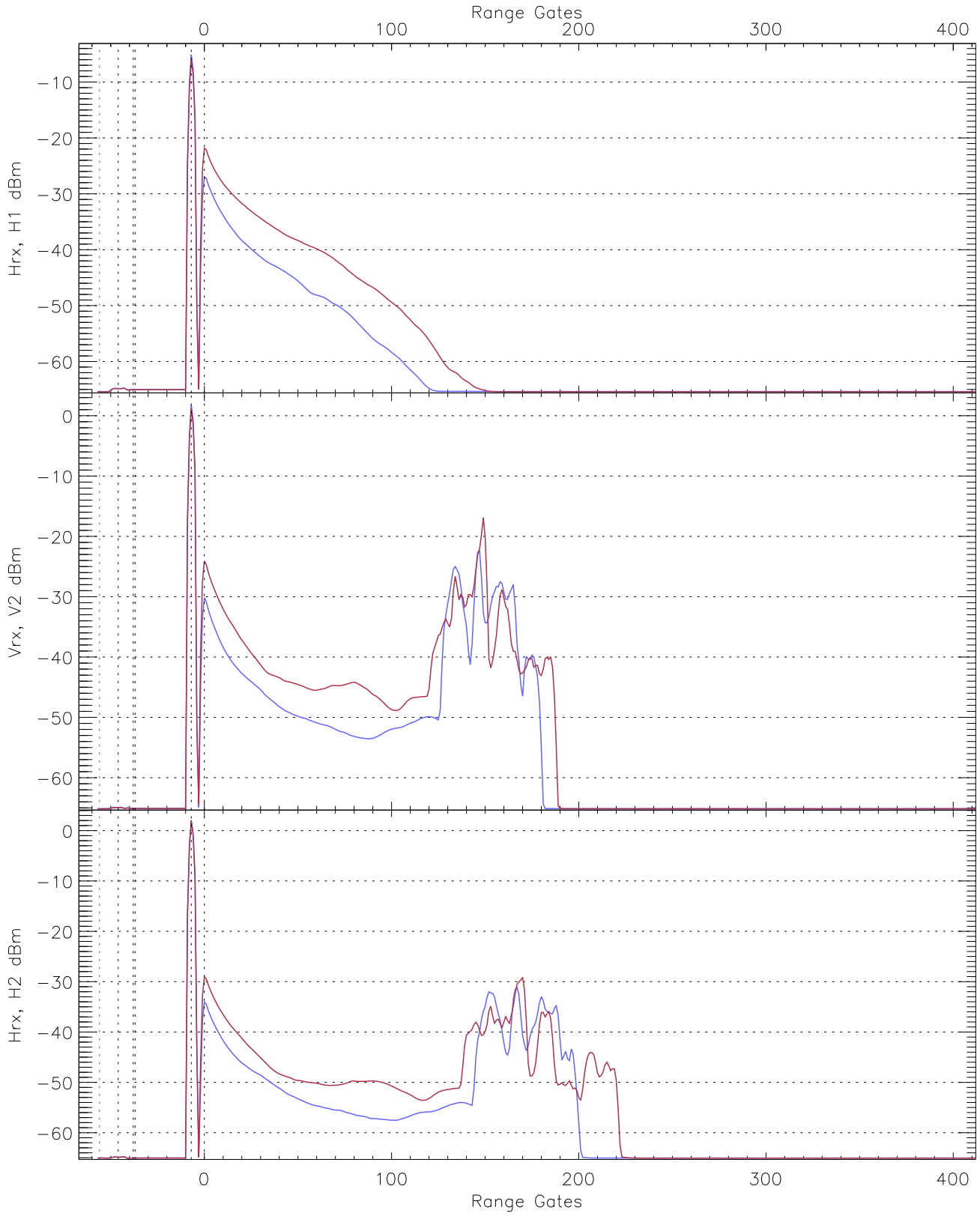
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.80	-64.19	-65.41	-65.41	-76.88
Vrx, V2(RM [dBm])	-66.39	-64.07	-65.15	-65.16	-76.63
Hrx, H2(RM [dBm])	-66.51	-63.91	-65.03	-65.03	-76.56

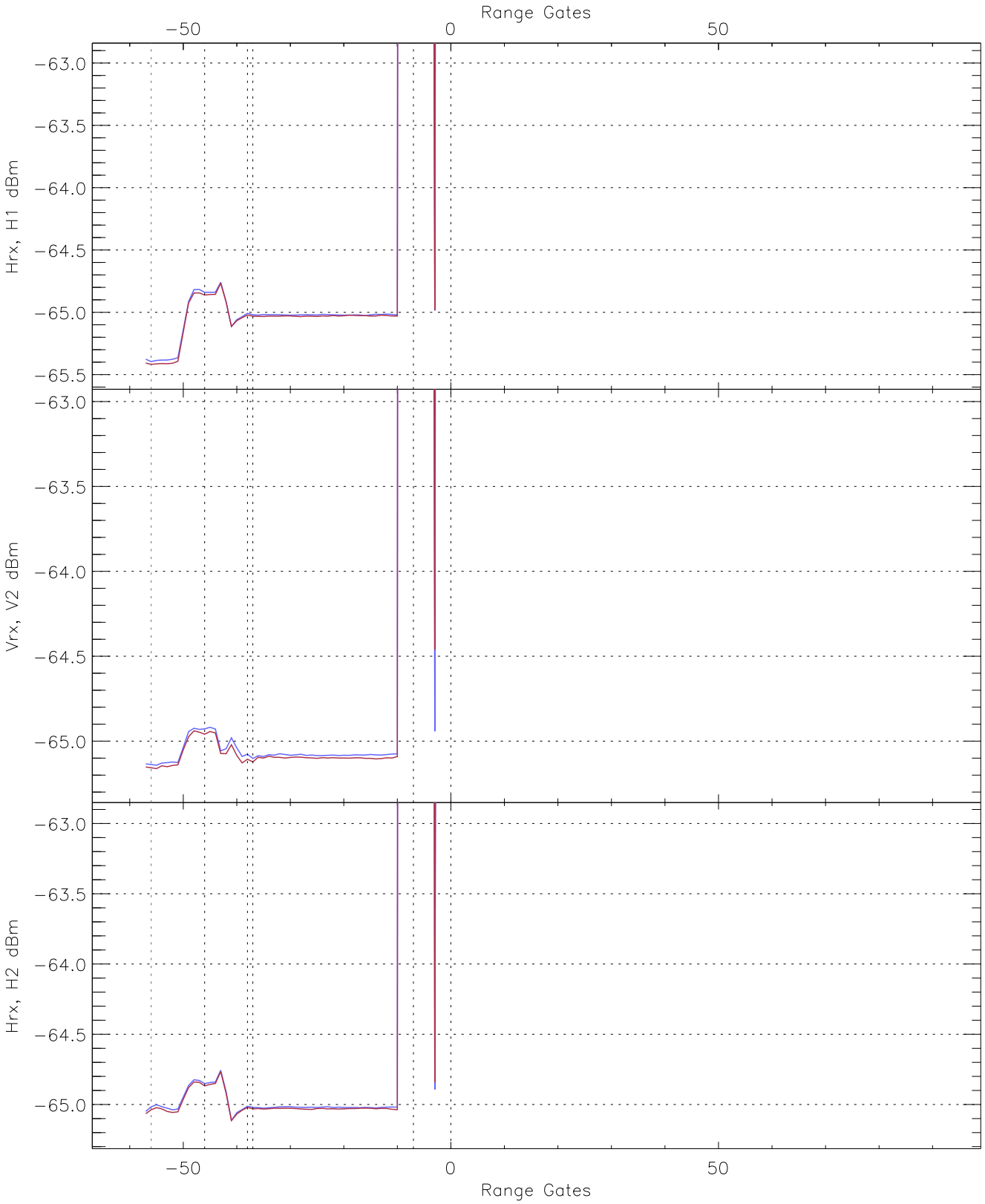


WCR3 CPP "Best" estimate Receivers Noise Power

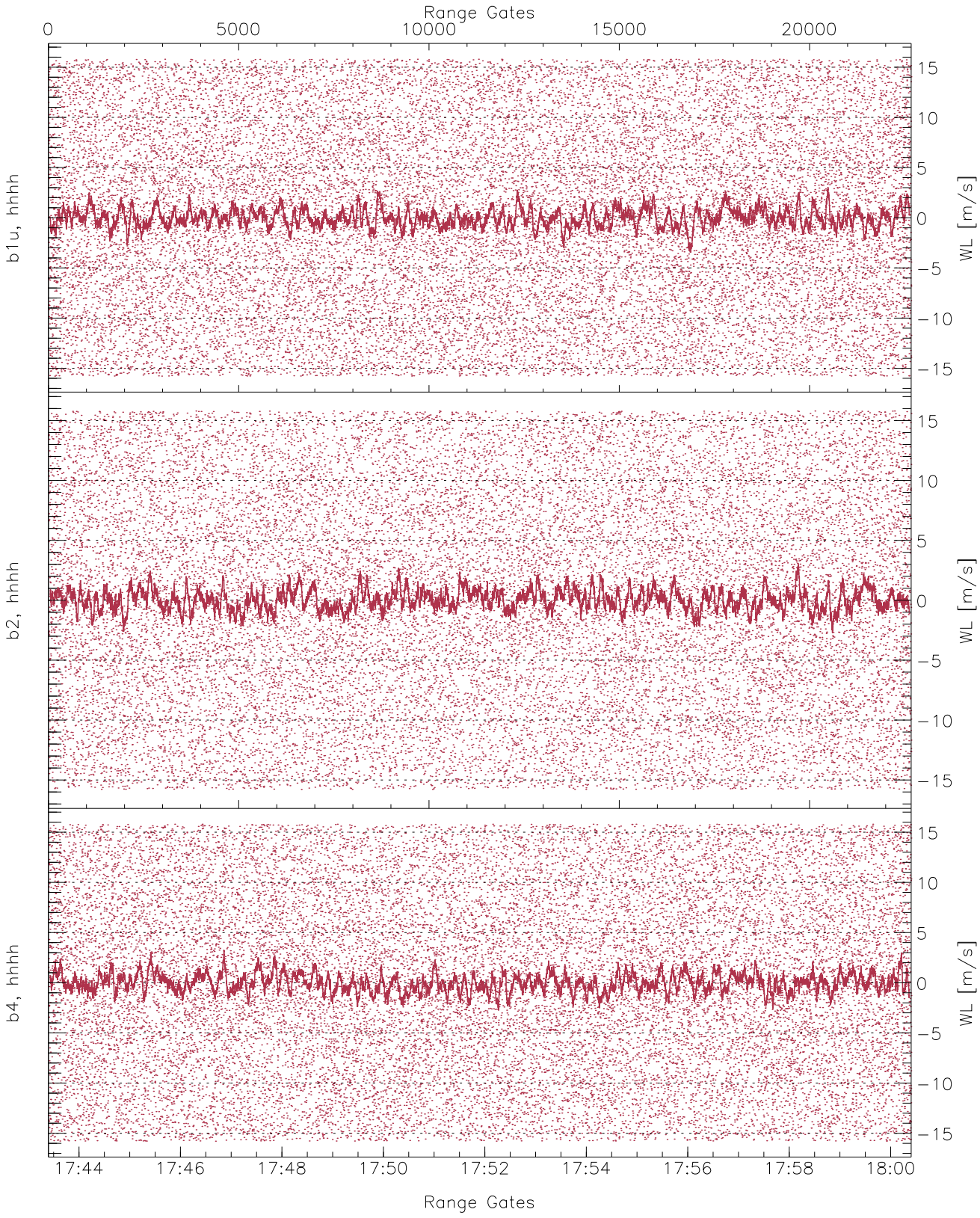
	Min	Max	Mean	Median	StDev
H1RG179_0 [dBm]	-66.67	-64.12	-65.41	-65.41	-76.87
V2RG242_0 [dBm]	-66.39	-63.87	-65.15	-65.16	-76.66
H2RG314_0 [dBm]	-66.58	-63.87	-65.05	-65.06	-76.52



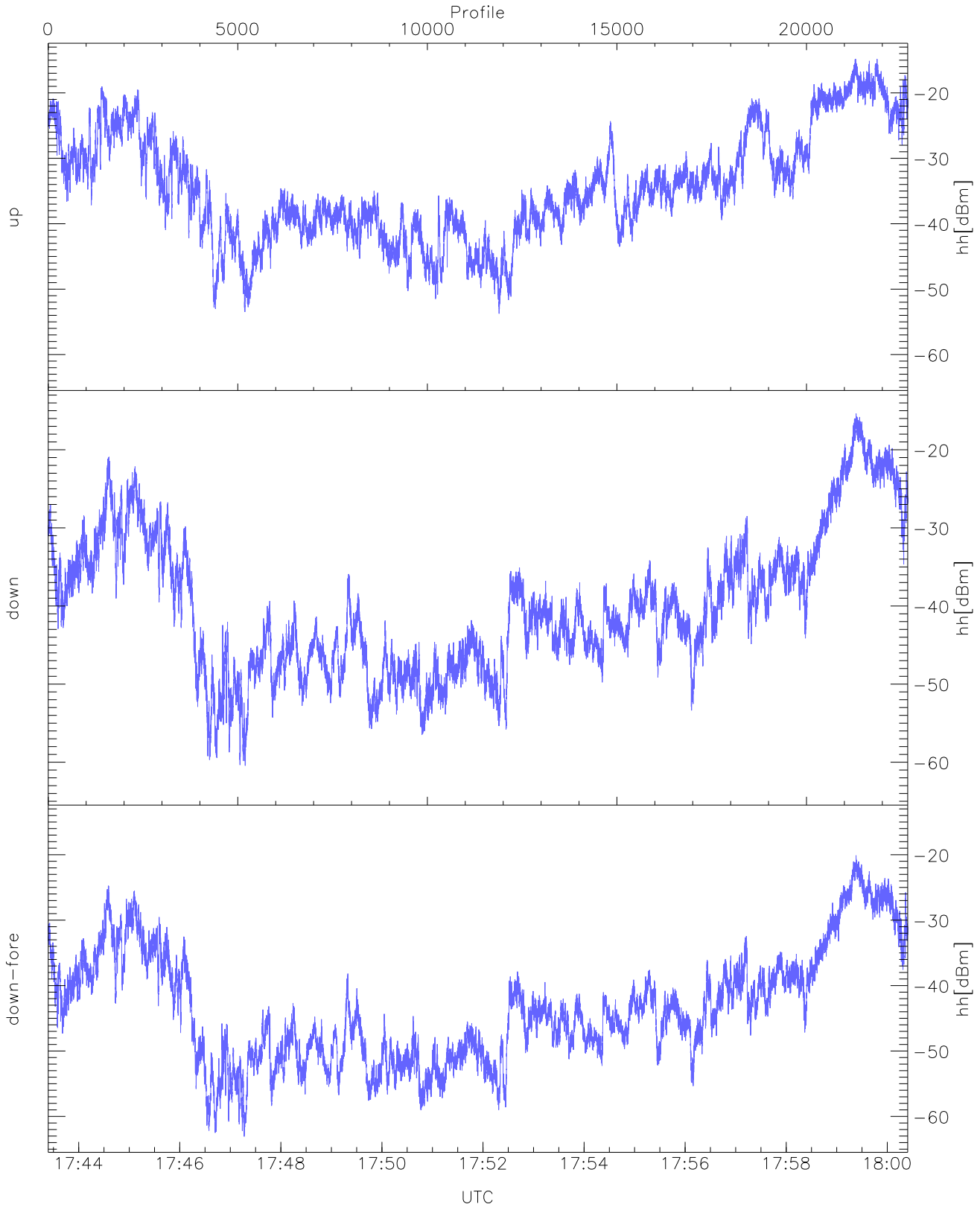
WCR3 CPP Averaged Received power for all recorded gates
blue: 174324-175154, 11337 profiles averaged
red: 175154-180024, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 174324-175154, 11337 profiles averaged
red: 175154-180024, 11336 profiles averaged

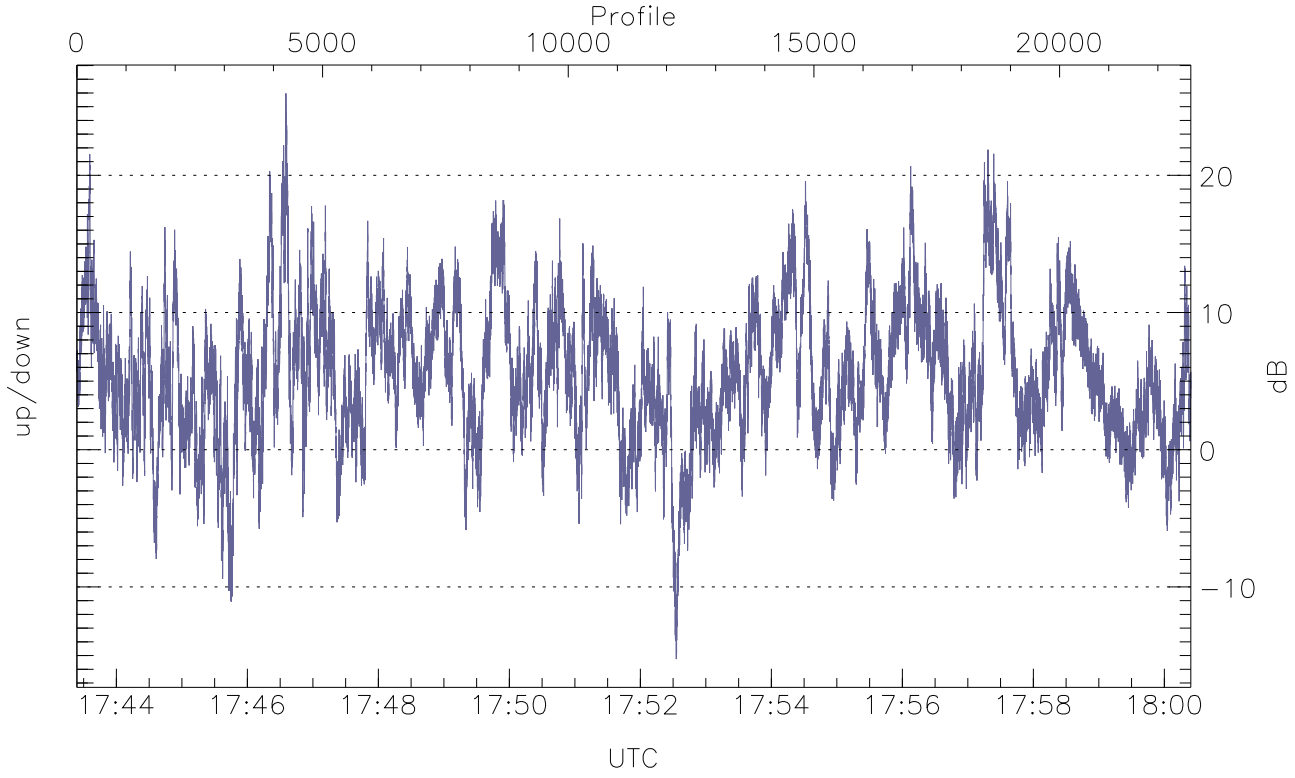


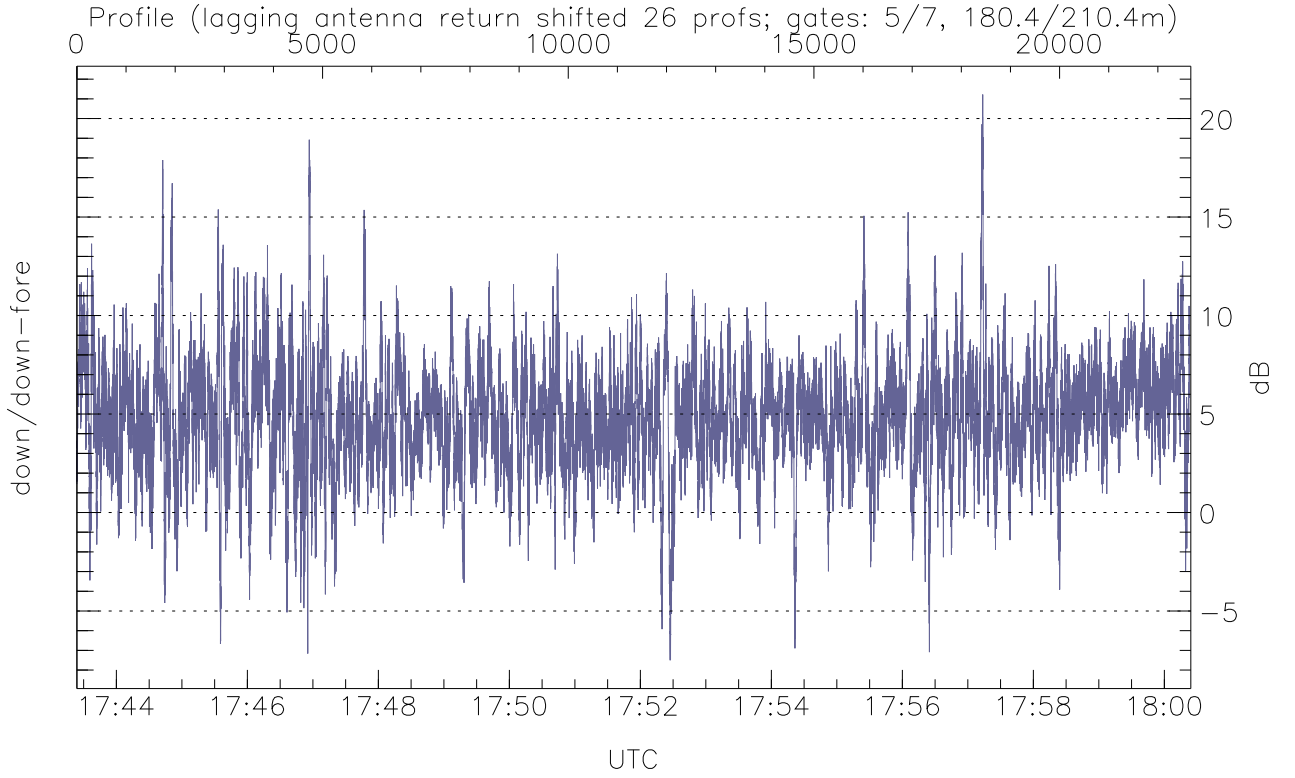
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

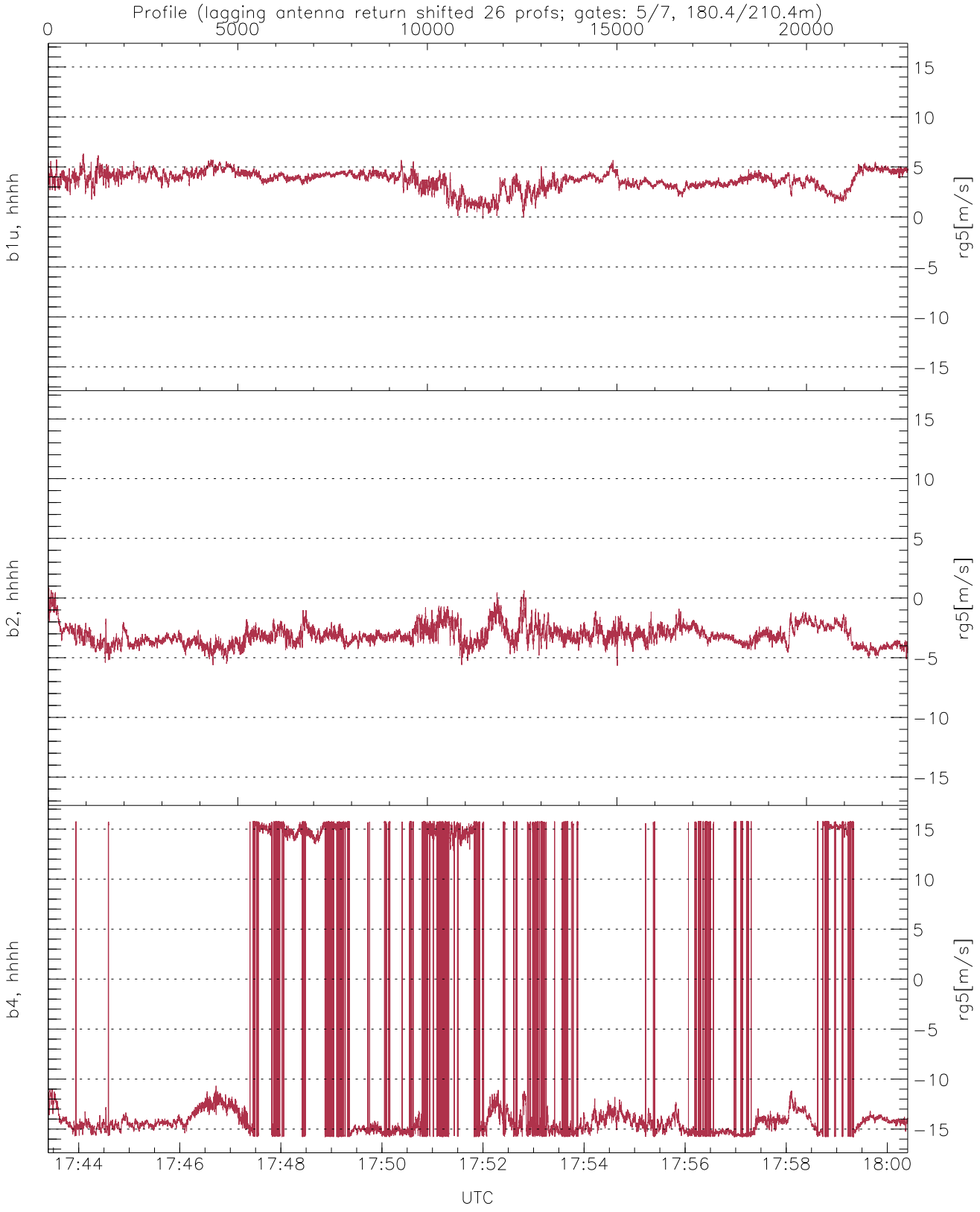
	Min	Max	Mean
up(hh[dBm])	-53.74	-14.82	-27.30
down(hh[dBm])	-60.45	-15.38	-30.60
down-fore(hh[dBm])	-63.07	-20.11	-35.02





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

	Min	Max	Mean
up/down(dB)	-15.26	25.98	5.60
down/down-fore(dB)	-7.50	21.22	4.89



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.17	6.32	3.65	0.93
b2, hhhh(rg5[m/s])	-5.67	0.88	-3.13	0.83
b4, hhhh(rg5[m/s])	-15.79	15.79	-8.42	11.90