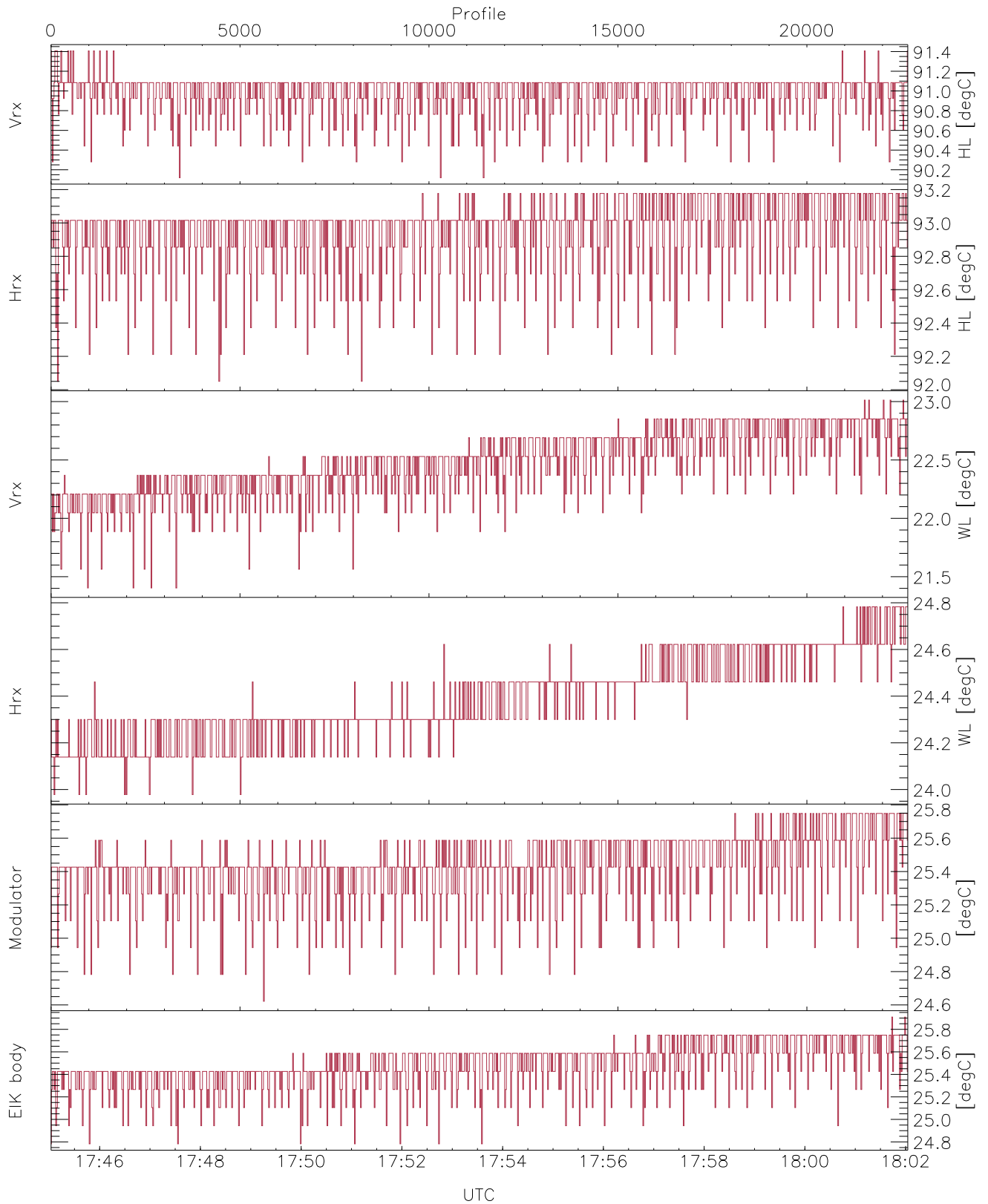


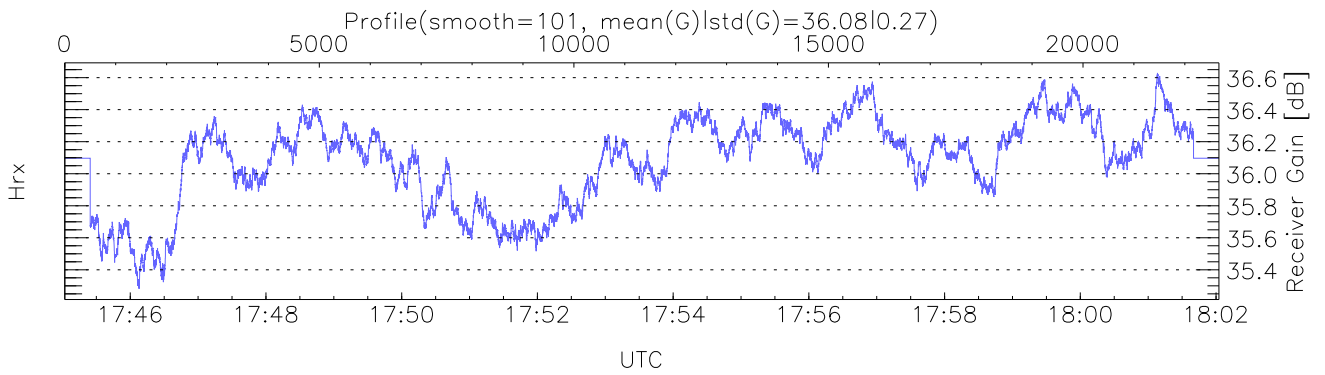
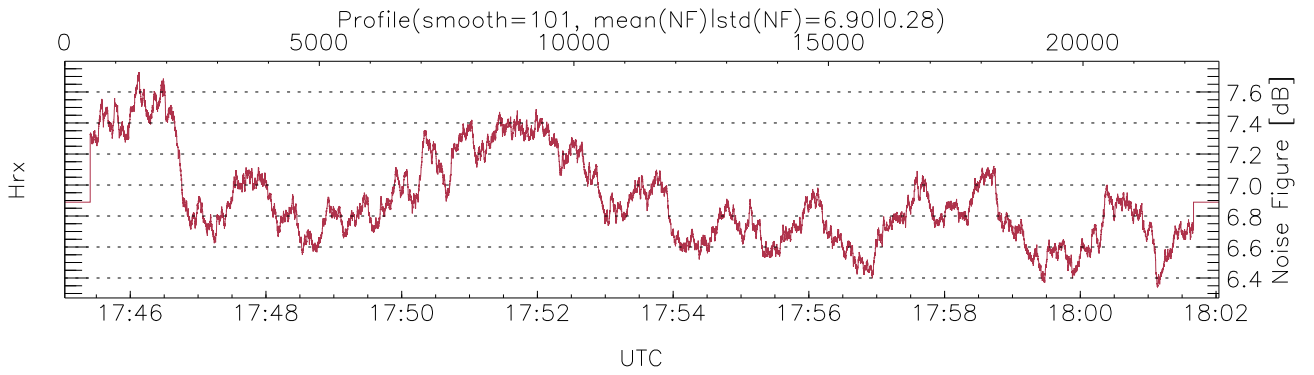
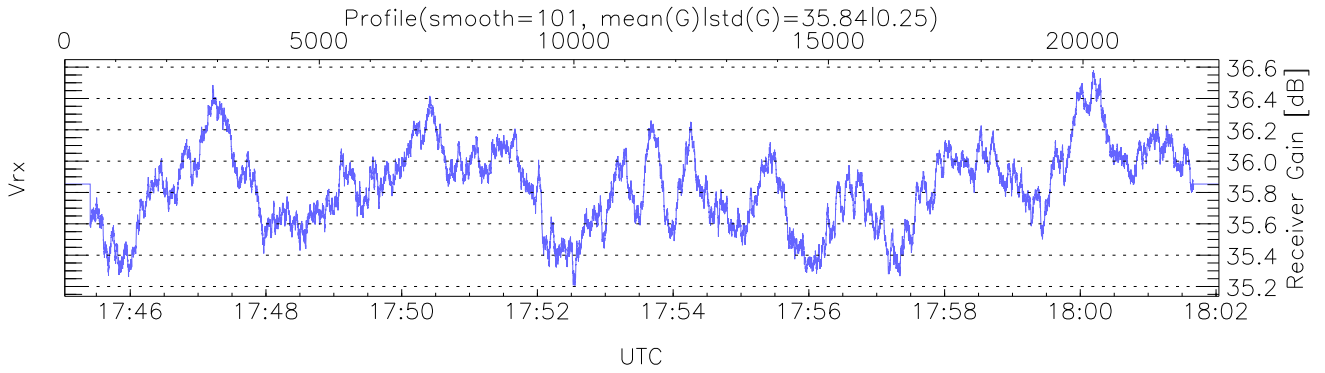
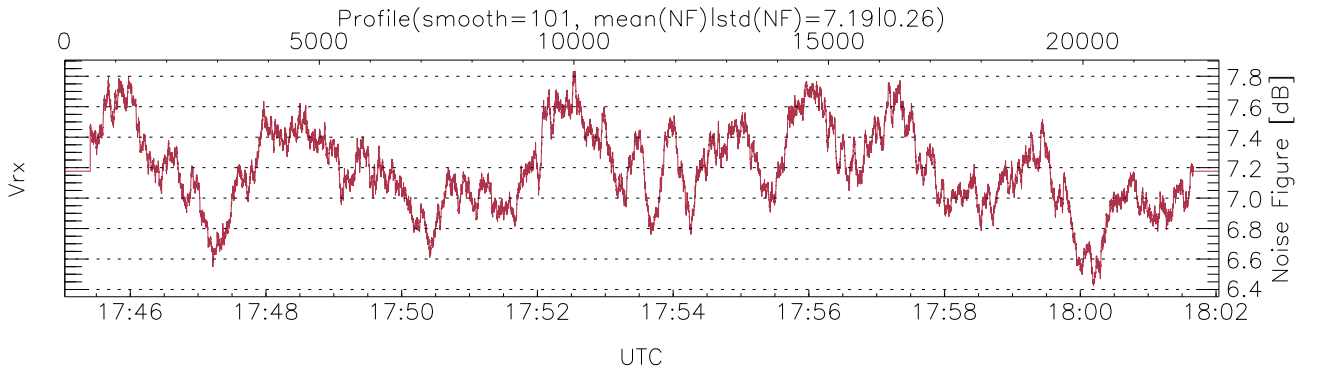
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:45:02-18:02:03, 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, 0-22671/17:45:02-18:02:03
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



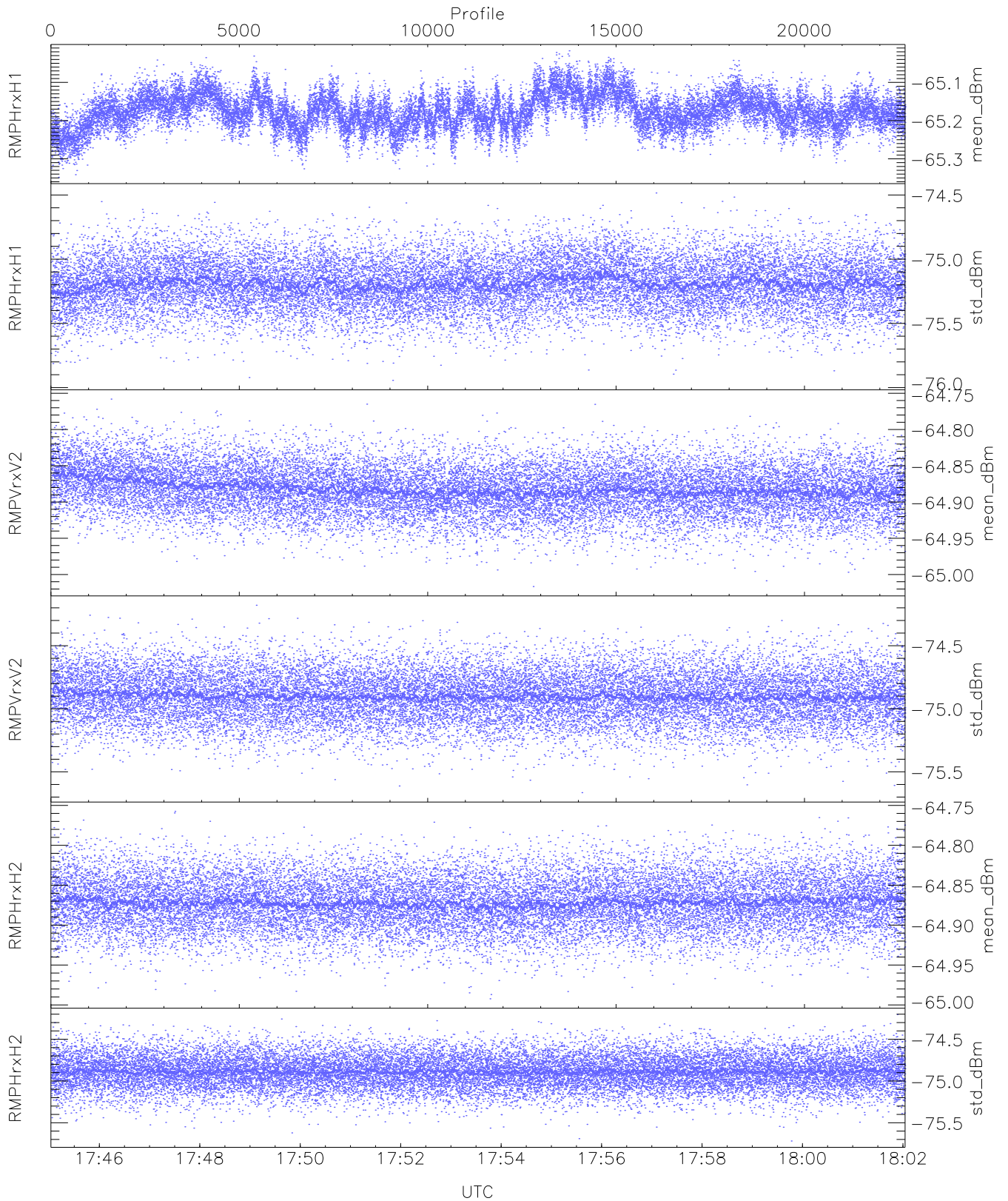
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,21,23,24,24
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,24,25,25
 LOalarm(20,240,2817,14861 MHz): 0,0,22,0
 EIK/Modulator Faults: None



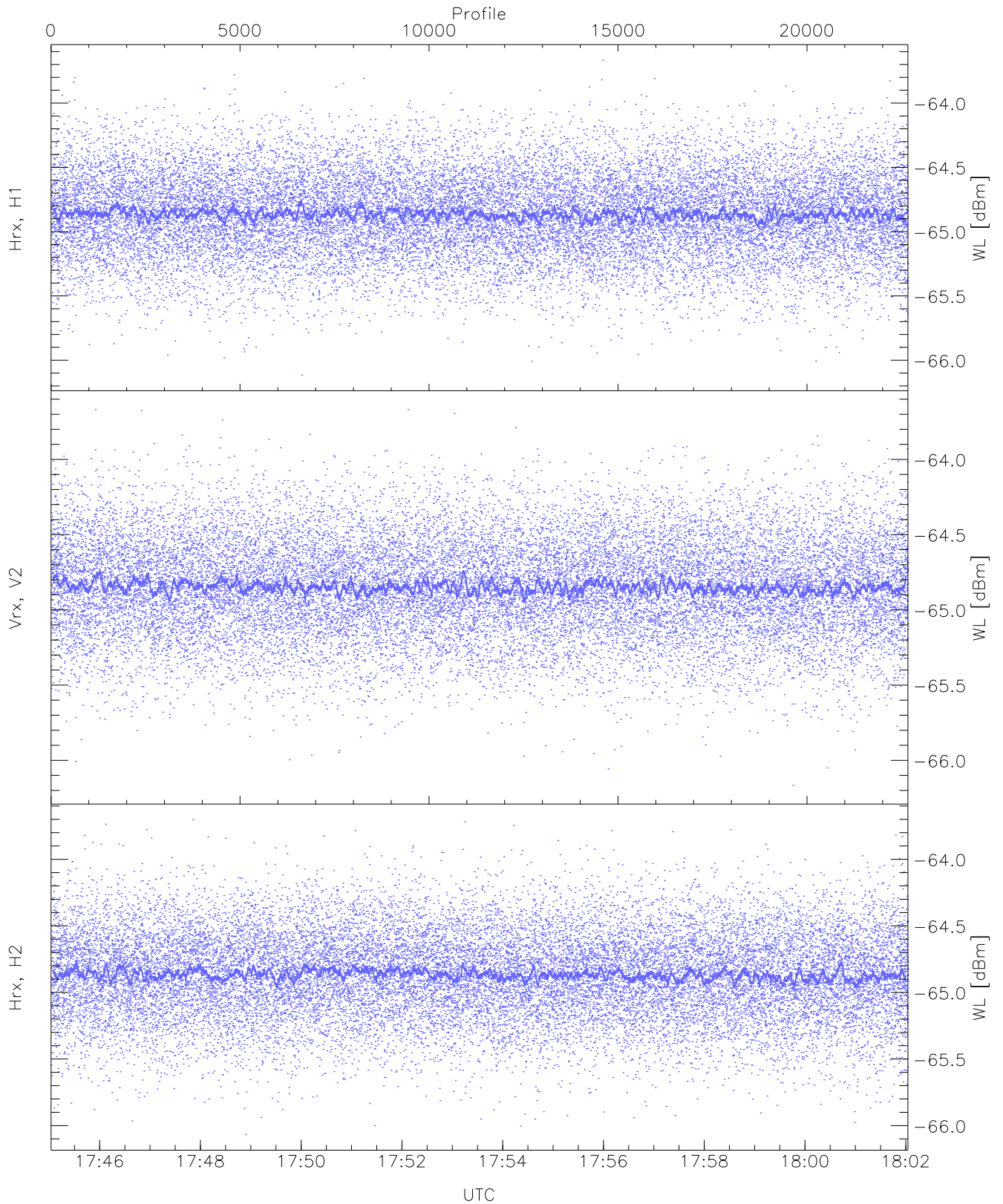
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 34 pixs, 7 gates, 34 profs, 1 prod(s)



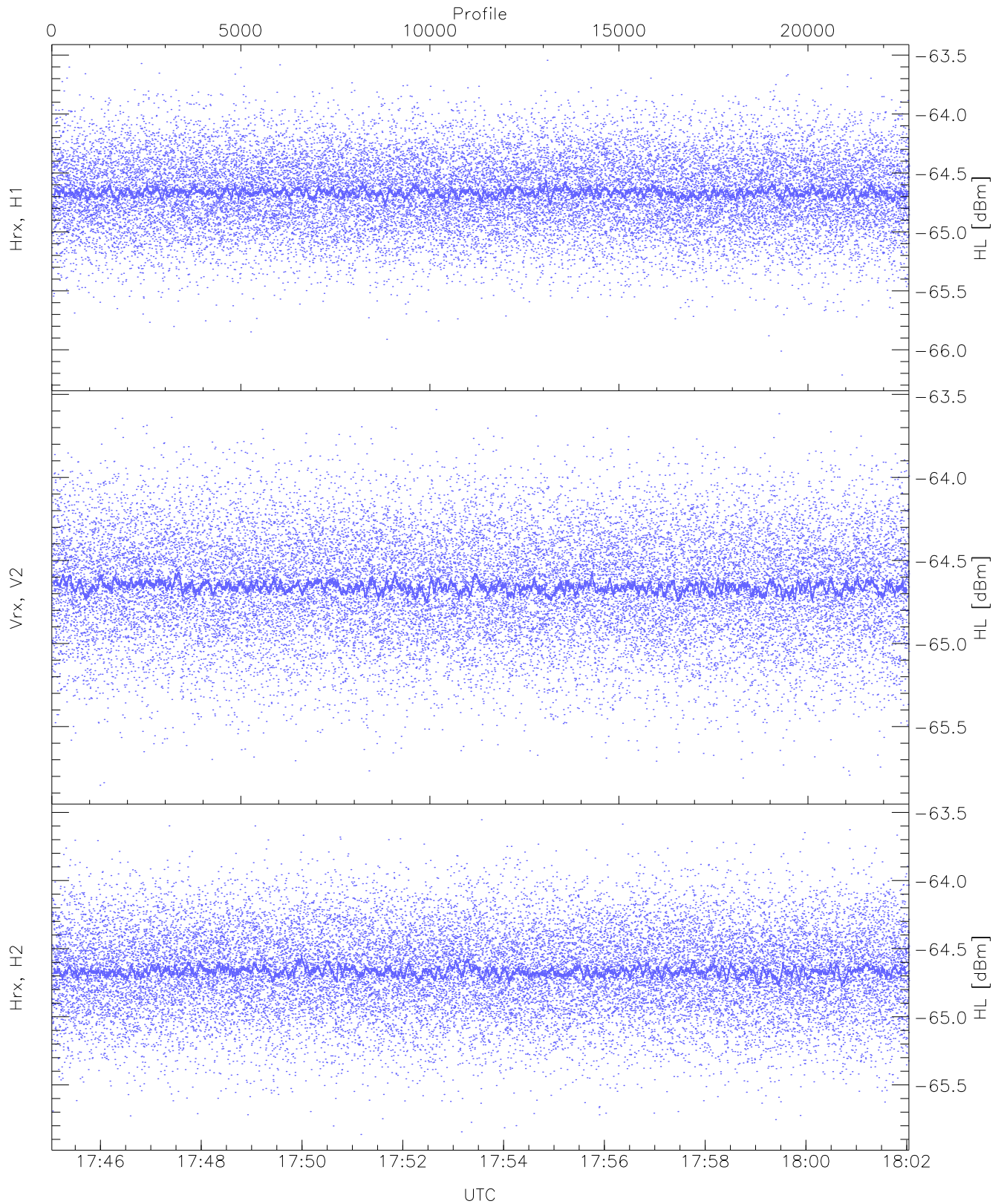
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.35	-65.02	-65.18	-65.18	-85.08
RMPHrxH1(std_dBm)	-75.94	-74.48	-75.19	-75.20	-88.93
RMPVrxV2(mean_dBm)	-65.02	-64.76	-64.88	-64.88	-86.35
RMPVrxV2(std_dBm)	-75.67	-74.18	-74.90	-74.90	-88.67
RMPHrxH2(mean_dBm)	-64.99	-64.76	-64.87	-64.87	-86.45
RMPHrxH2(std_dBm)	-75.72	-74.20	-74.89	-74.89	-88.67



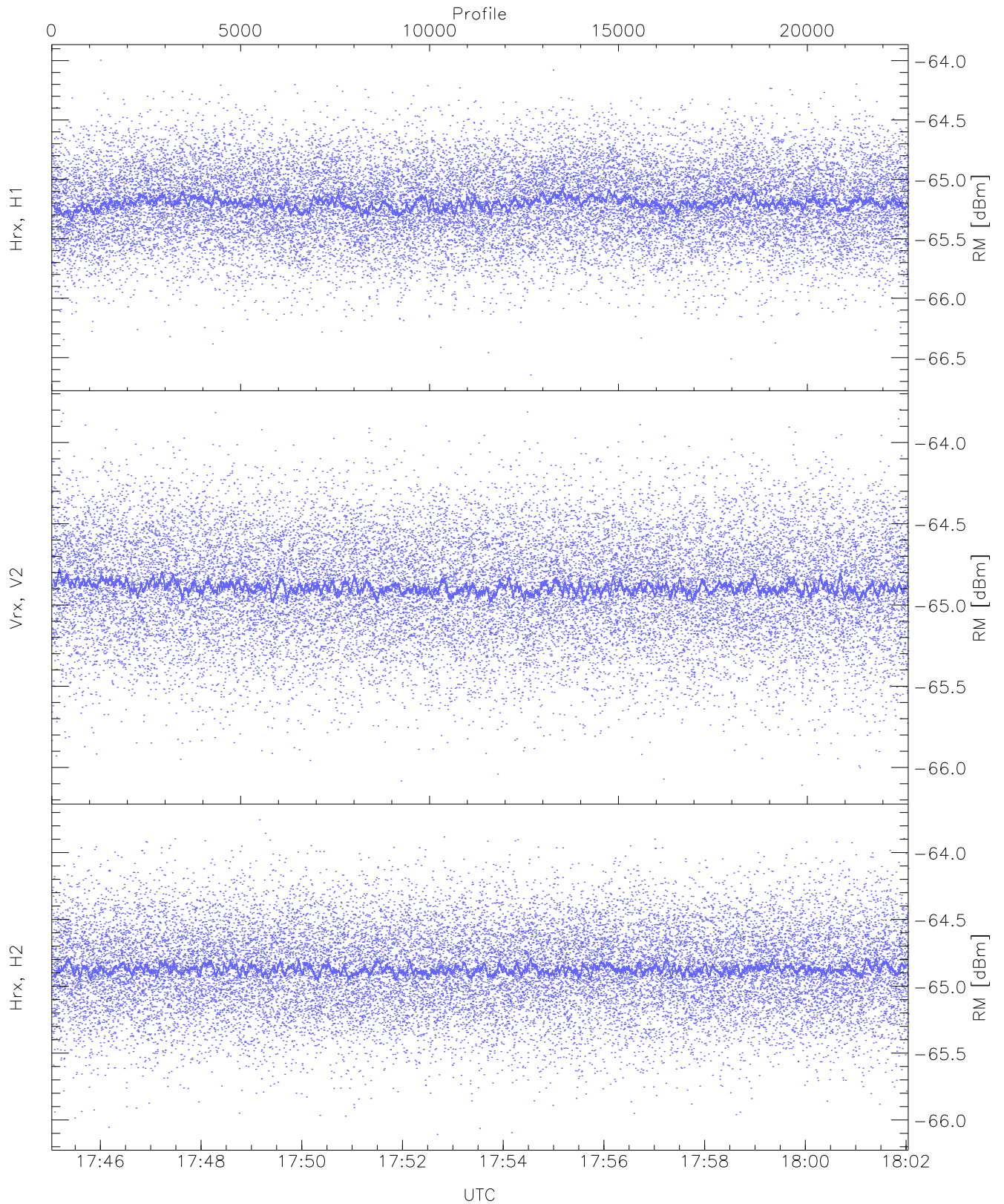
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.12	-63.67	-64.86	-64.86	-76.36
Vrx, V2(WL [dBm])	-66.17	-63.67	-64.84	-64.85	-76.32
Hrx, H2(WL [dBm])	-66.07	-63.70	-64.86	-64.87	-76.34



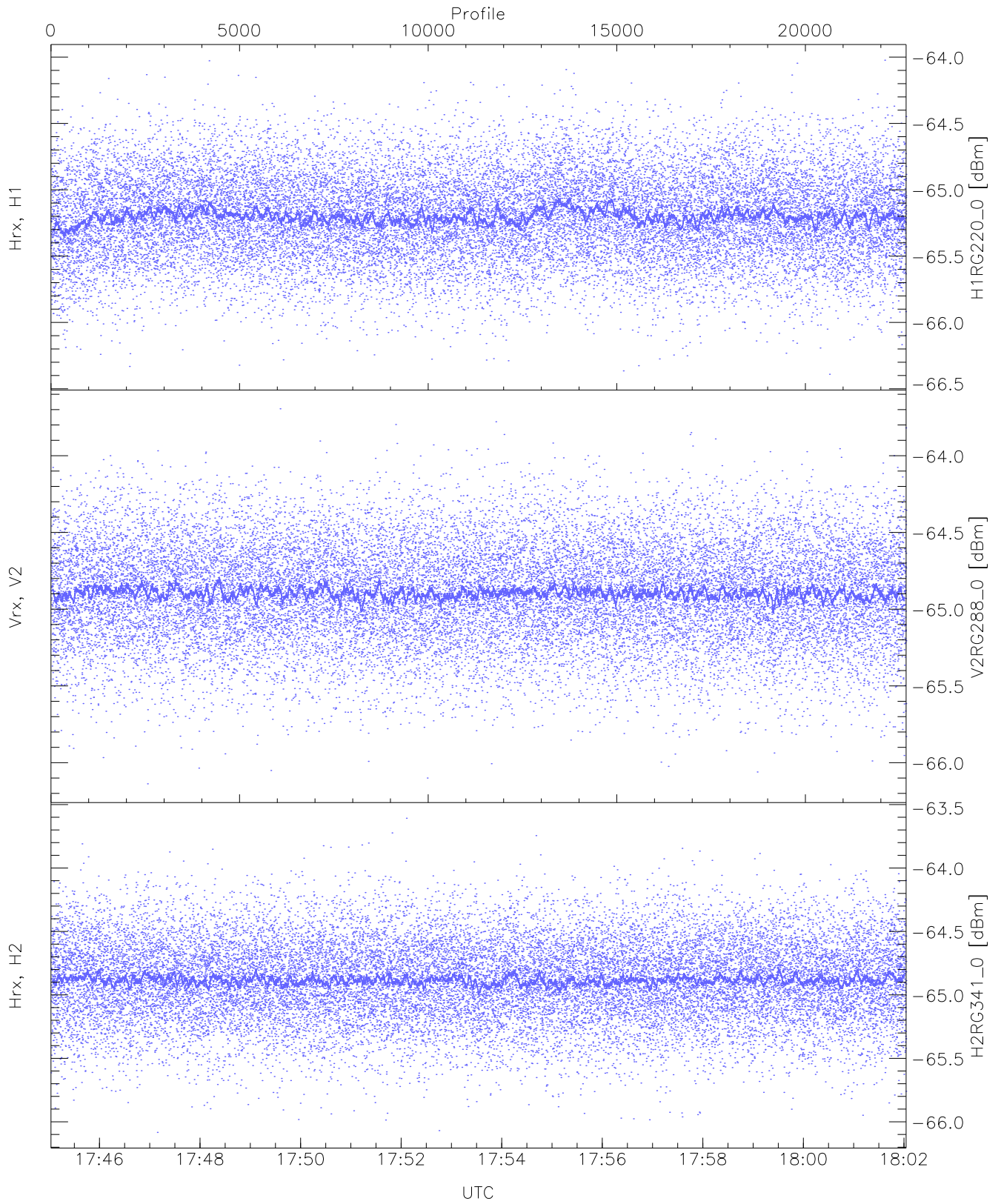
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.21	-63.54	-64.66	-64.67	-76.15
Vrx, V2 (HL [dBm])	-65.85	-63.59	-64.65	-64.66	-76.19
Hrx, H2 (HL [dBm])	-65.86	-63.55	-64.66	-64.67	-76.19



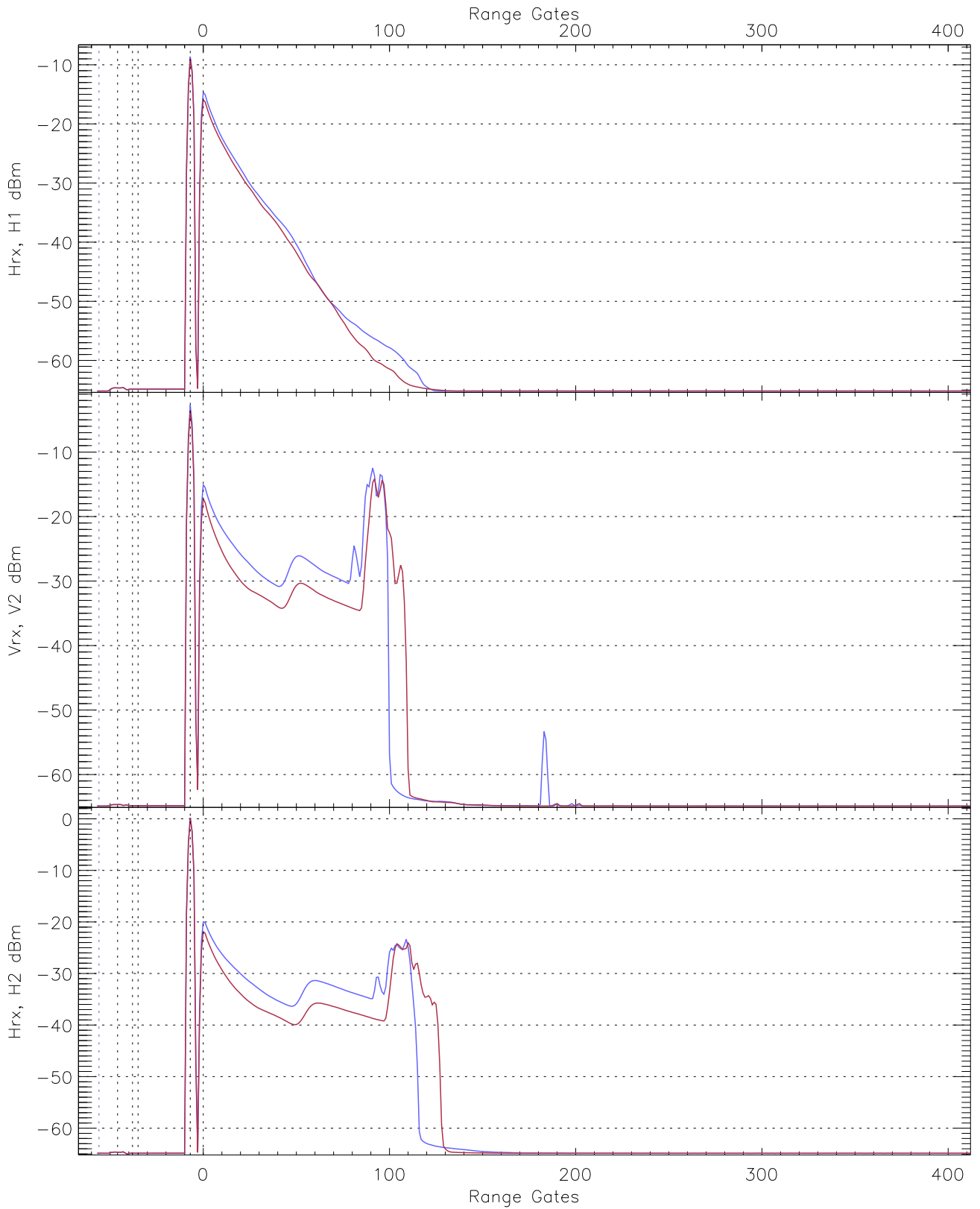
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.65	-64.00	-65.19	-65.20	-76.68
Vrx, V2 (RM [dBm])	-66.11	-63.80	-64.88	-64.89	-76.38
Hrx, H2 (RM [dBm])	-66.11	-63.75	-64.87	-64.88	-76.36

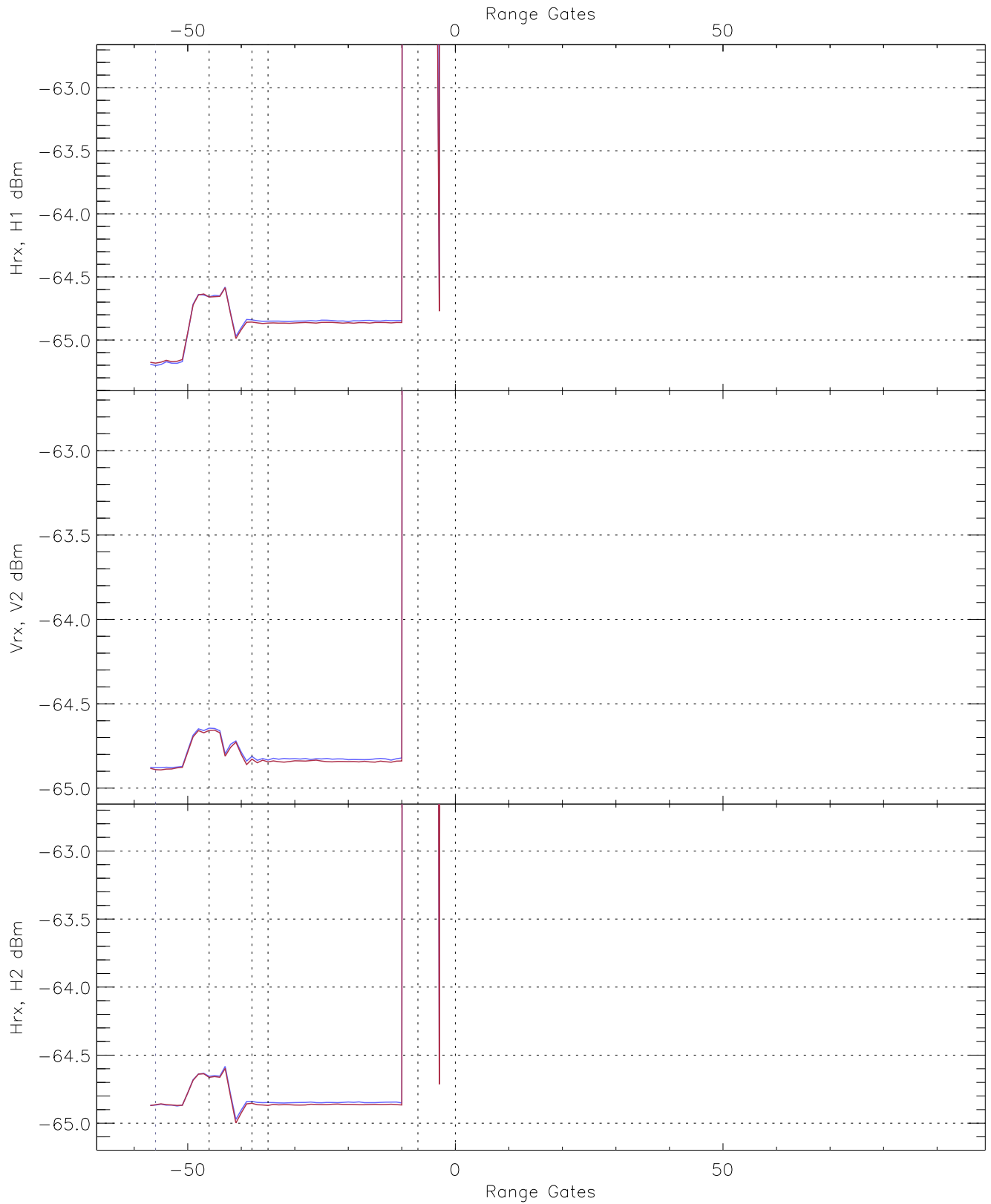


WCR3 CPP "Best" estimate Receivers Noise Power

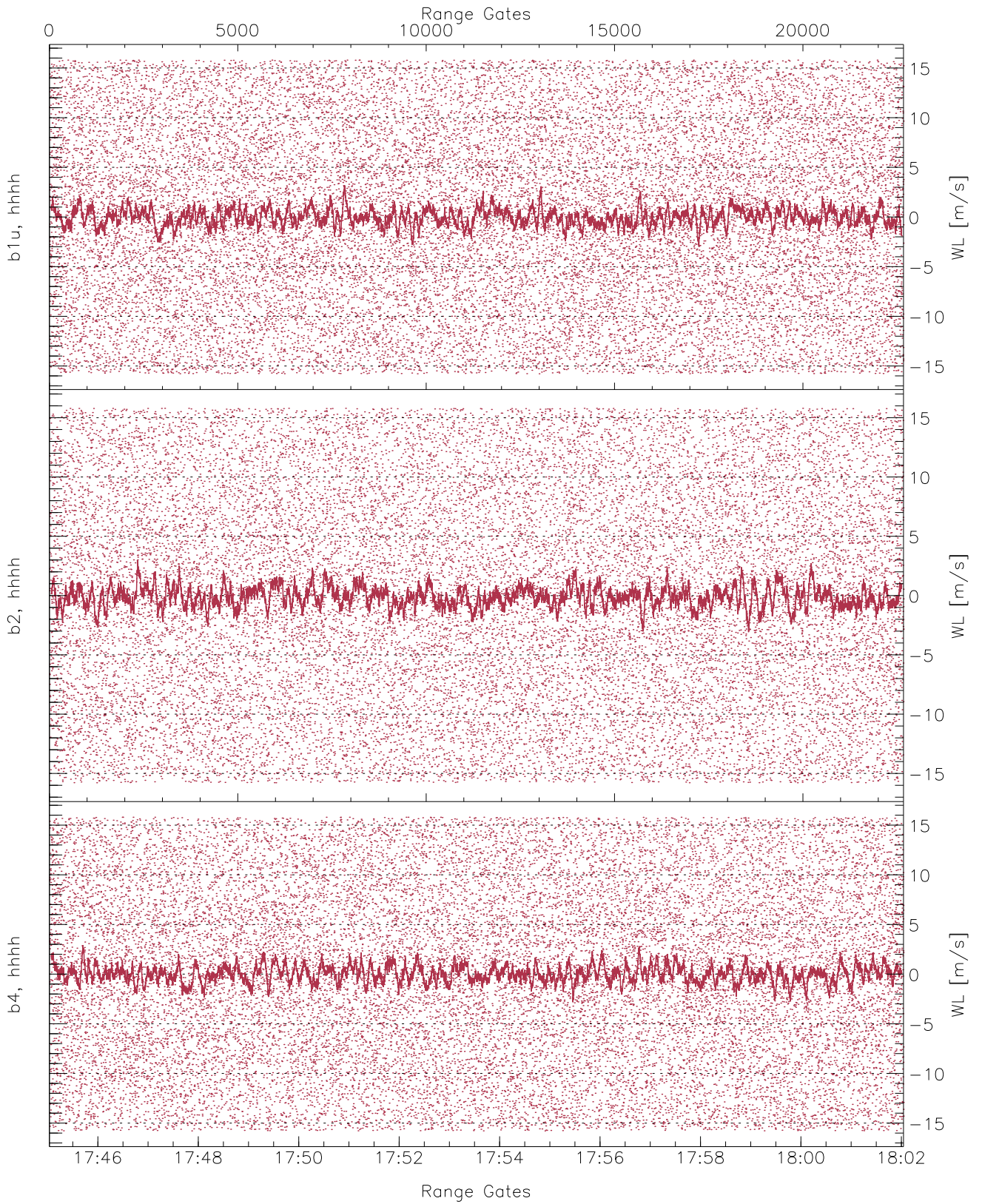
	Min	Max	Mean	Median	StDev
H1RG220_0 [dBm]	-66.39	-64.02	-65.19	-65.20	-76.65
V2RG288_0 [dBm]	-66.14	-63.69	-64.89	-64.89	-76.39
H2RG341_0 [dBm]	-66.08	-63.61	-64.88	-64.88	-76.39



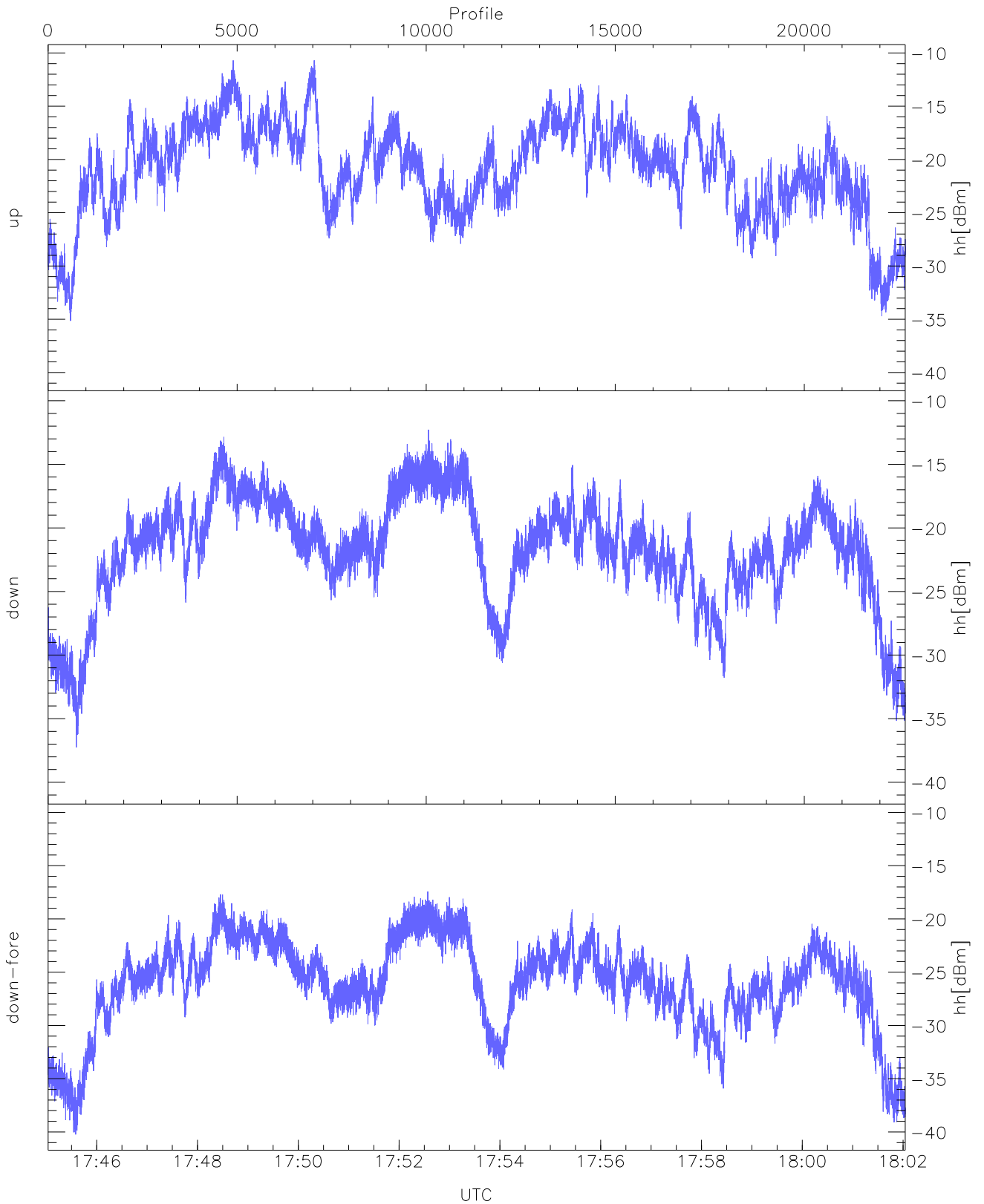
WCR3 CPP Averaged Received power for all recorded gates
blue: 174502-175332, 11337 profiles averaged
red: 175332-180203, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 174502-175332, 11337 profiles averaged
red: 175332-180203, 11336 profiles averaged

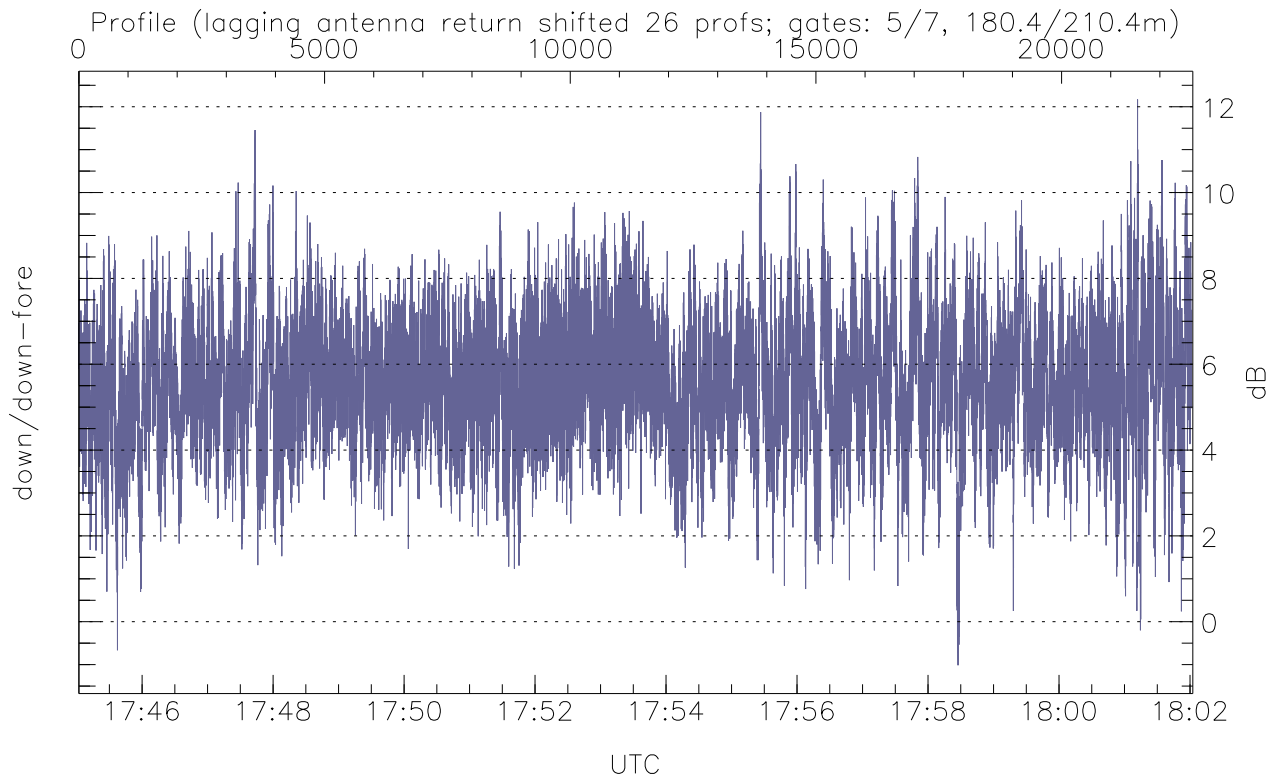
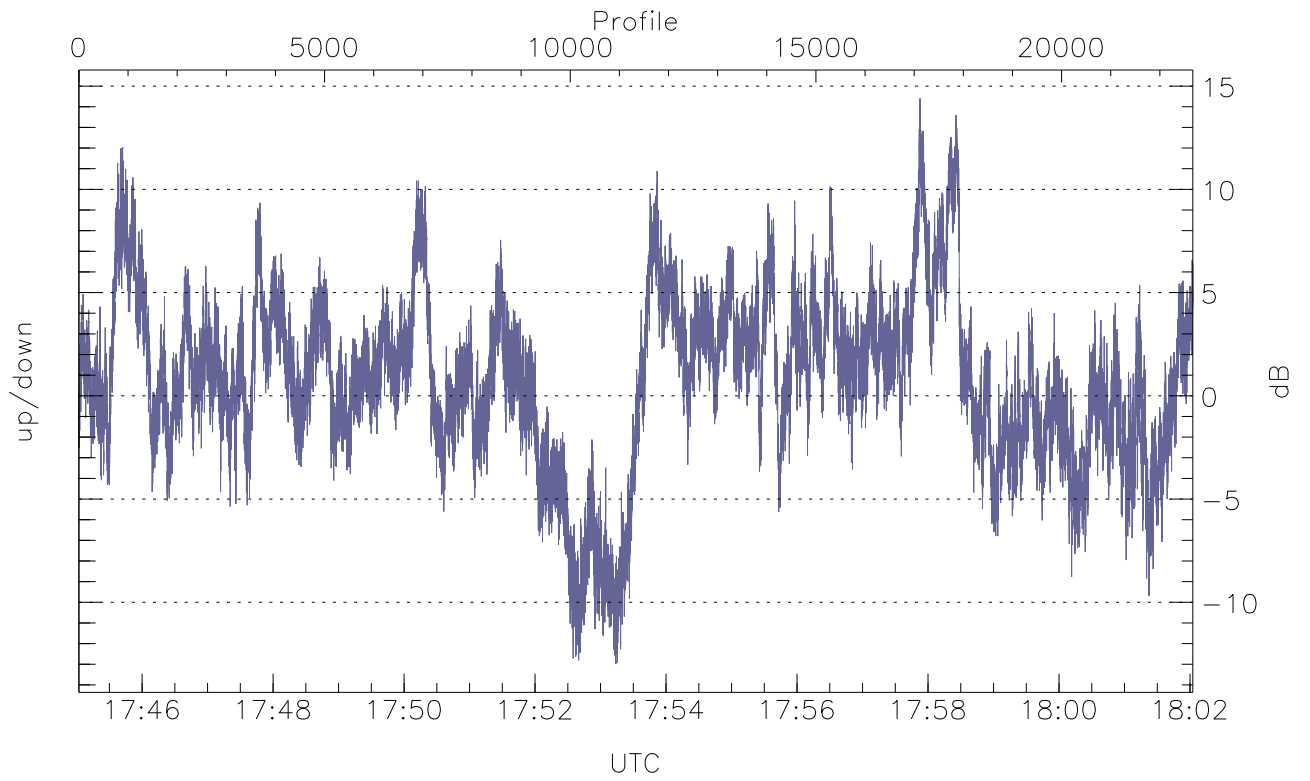


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



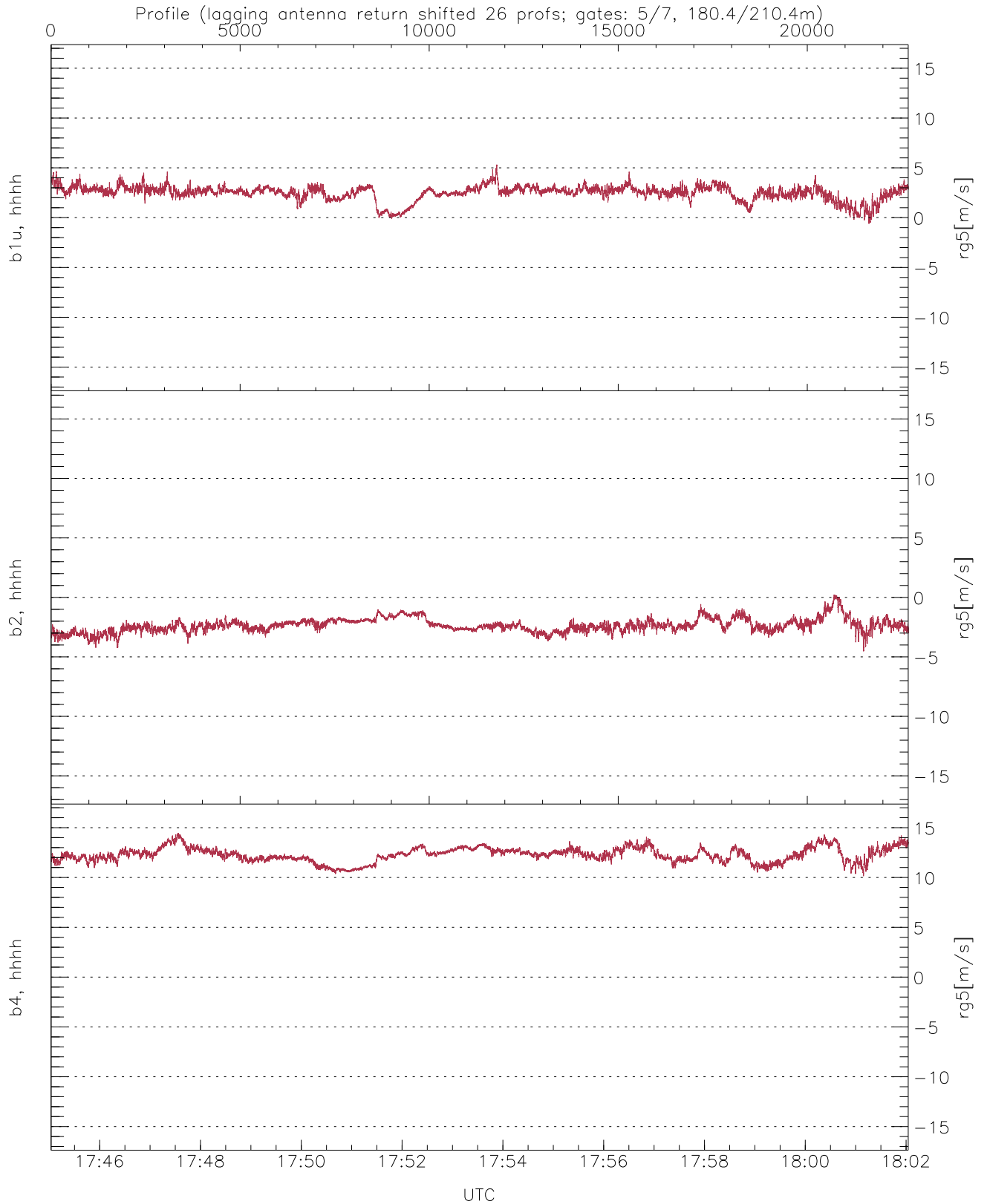
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-35.15	-10.69	-19.26
down(hh[dBm])	-37.25	-12.28	-20.13
down-fore(hh[dBm])	-40.23	-17.42	-24.48



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

	Min	Max	Mean
up/down (dB)	-12.99	14.41	0.77
down/down-fore (dB)	-1.01	12.17	5.59



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.62	5.32	2.47	0.76
b2, hhhh(rg5[m/s])	-4.53	0.23	-2.35	0.57
b4, hhhh(rg5[m/s])	10.14	14.44	12.28	0.73