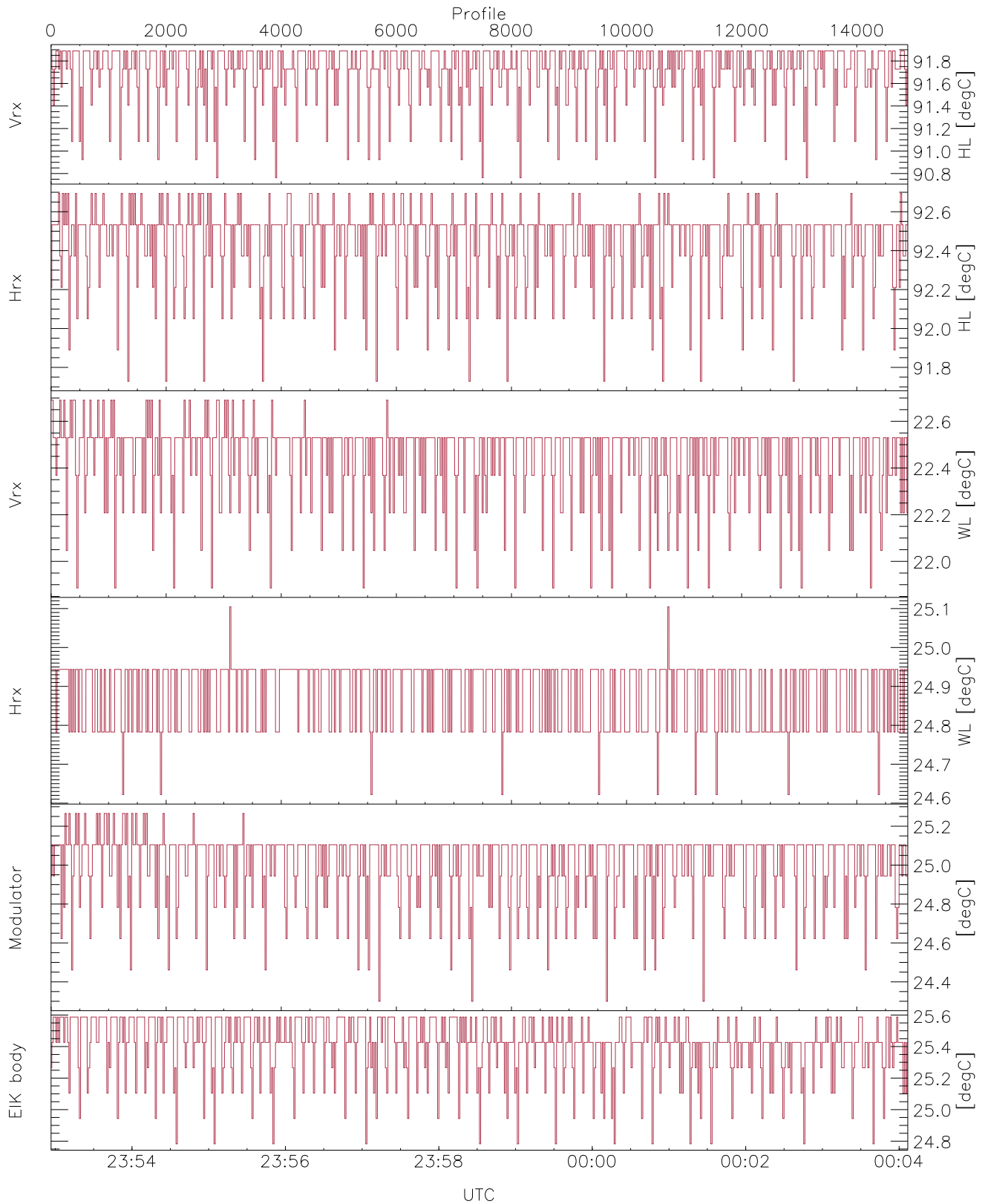


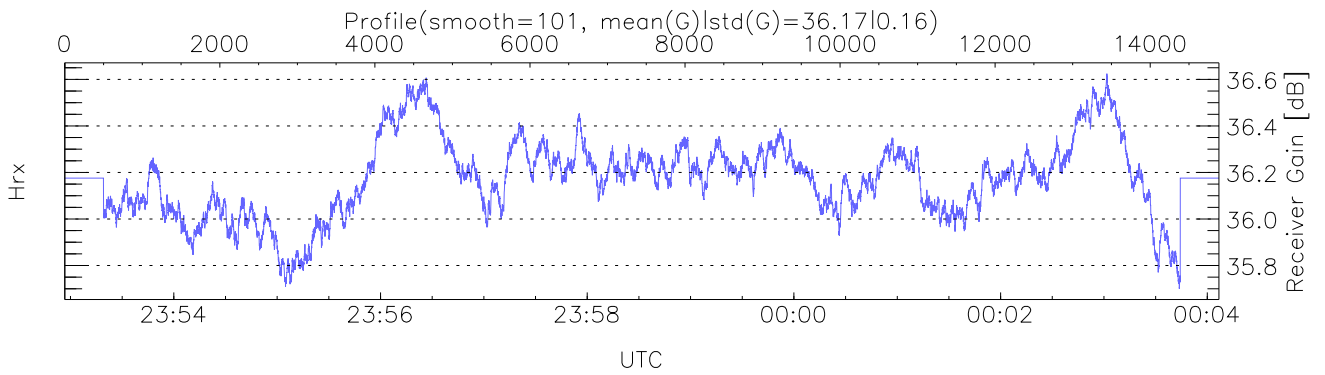
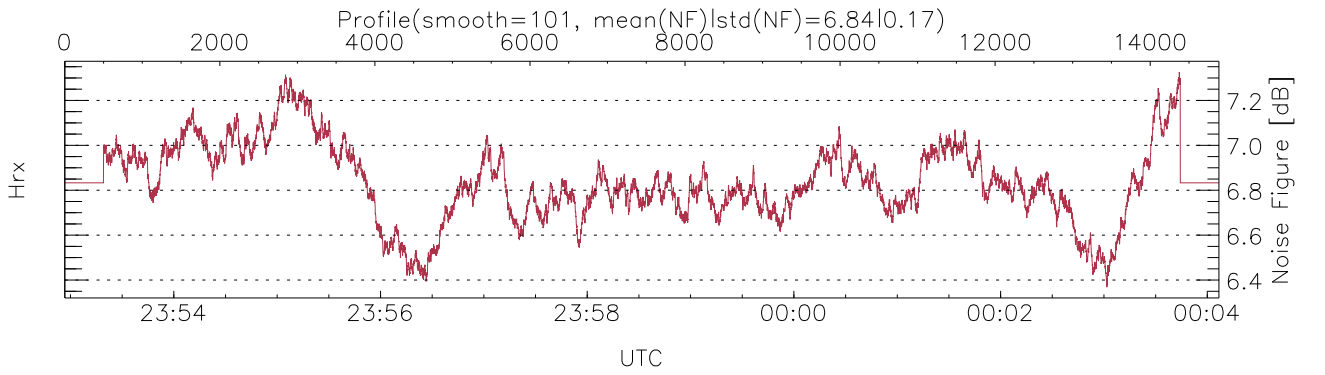
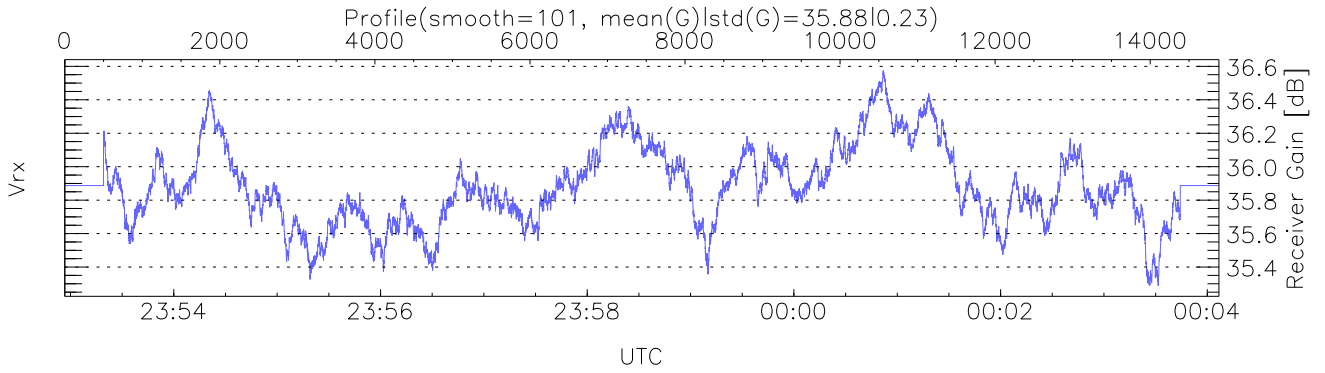
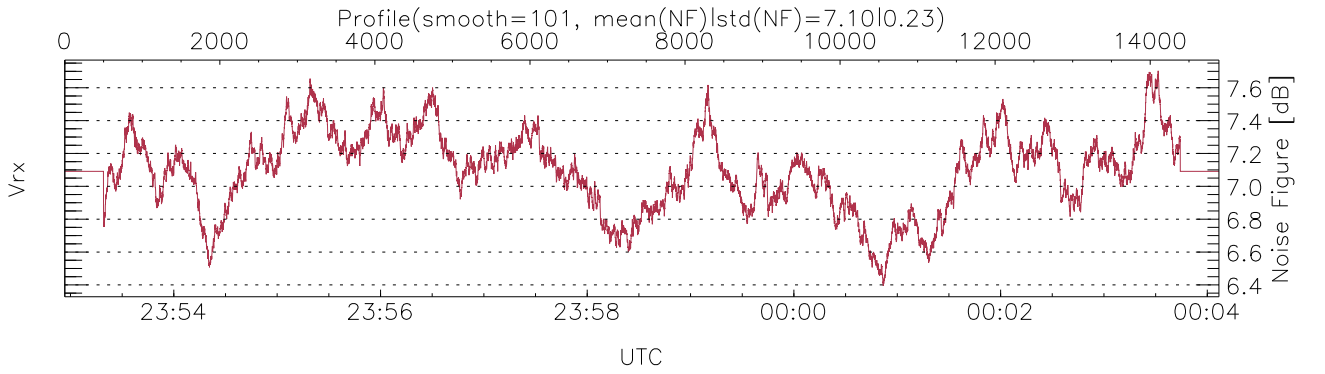
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:52:57-00:04:07, TimeCor: 0.00s, Dur: 670.08s
 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): 14888/14888, 0-14887/23:52:57-00:04:07
 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



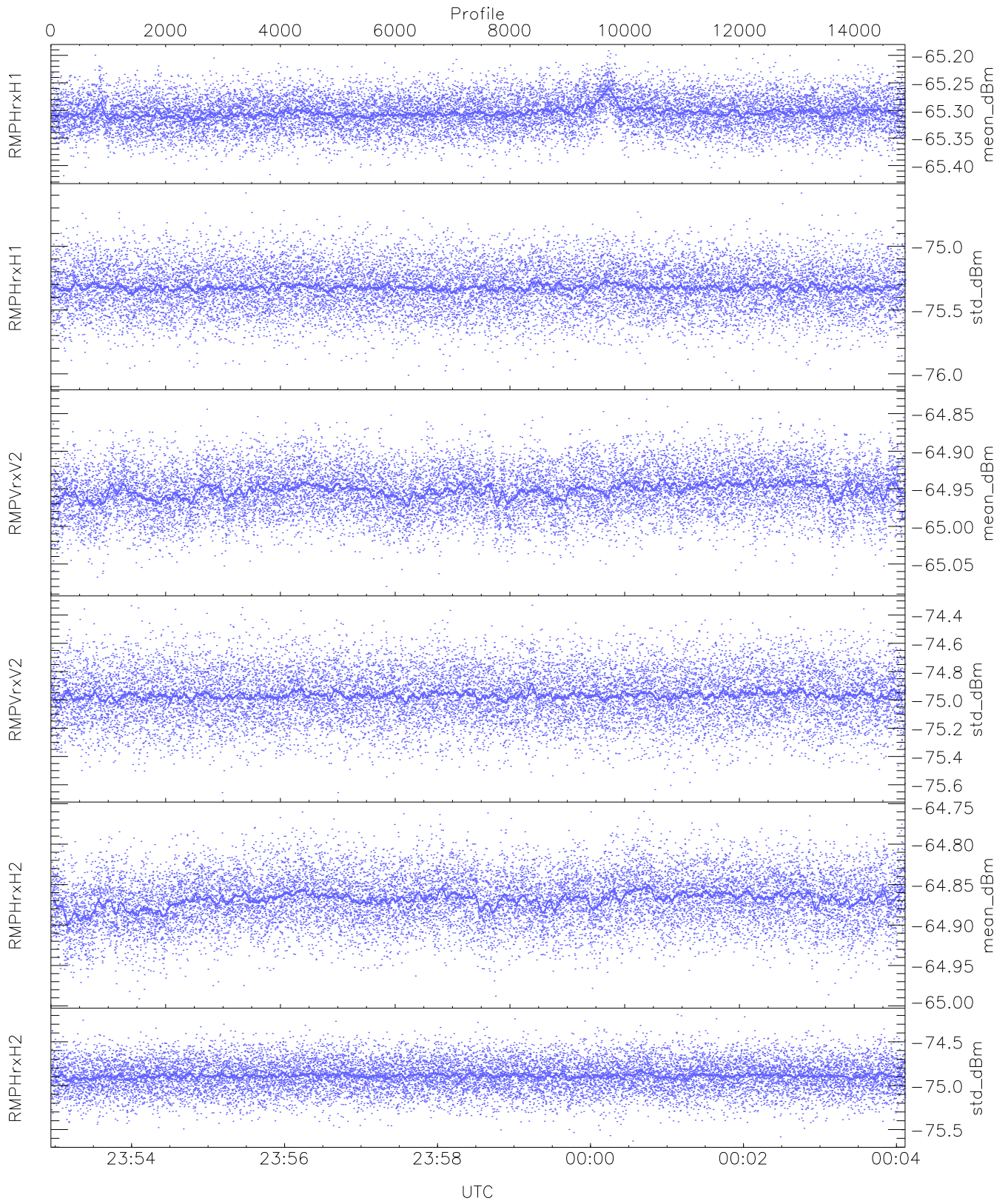
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



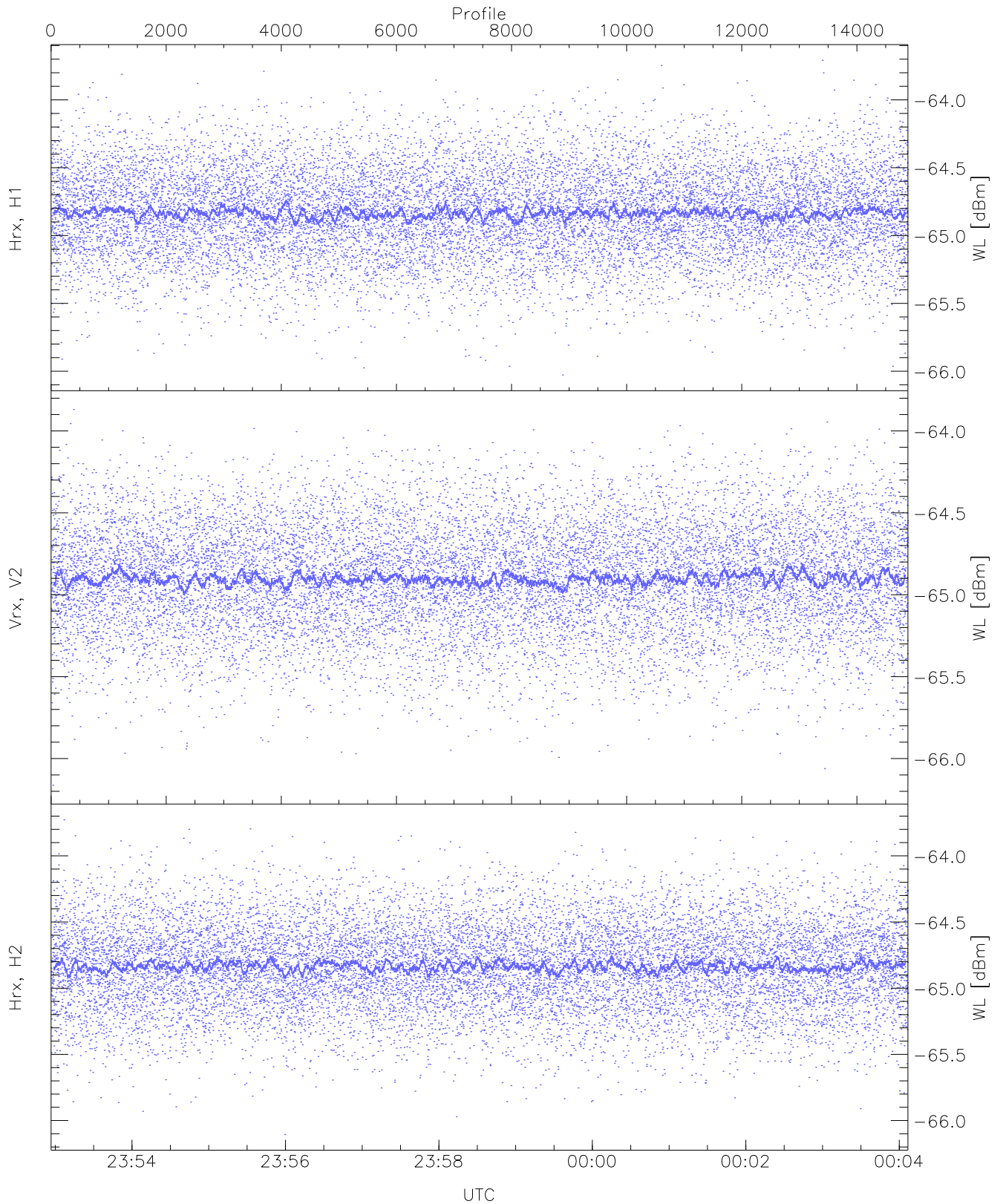
WCR3 CPP Receivers Gain and Noise Figure

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



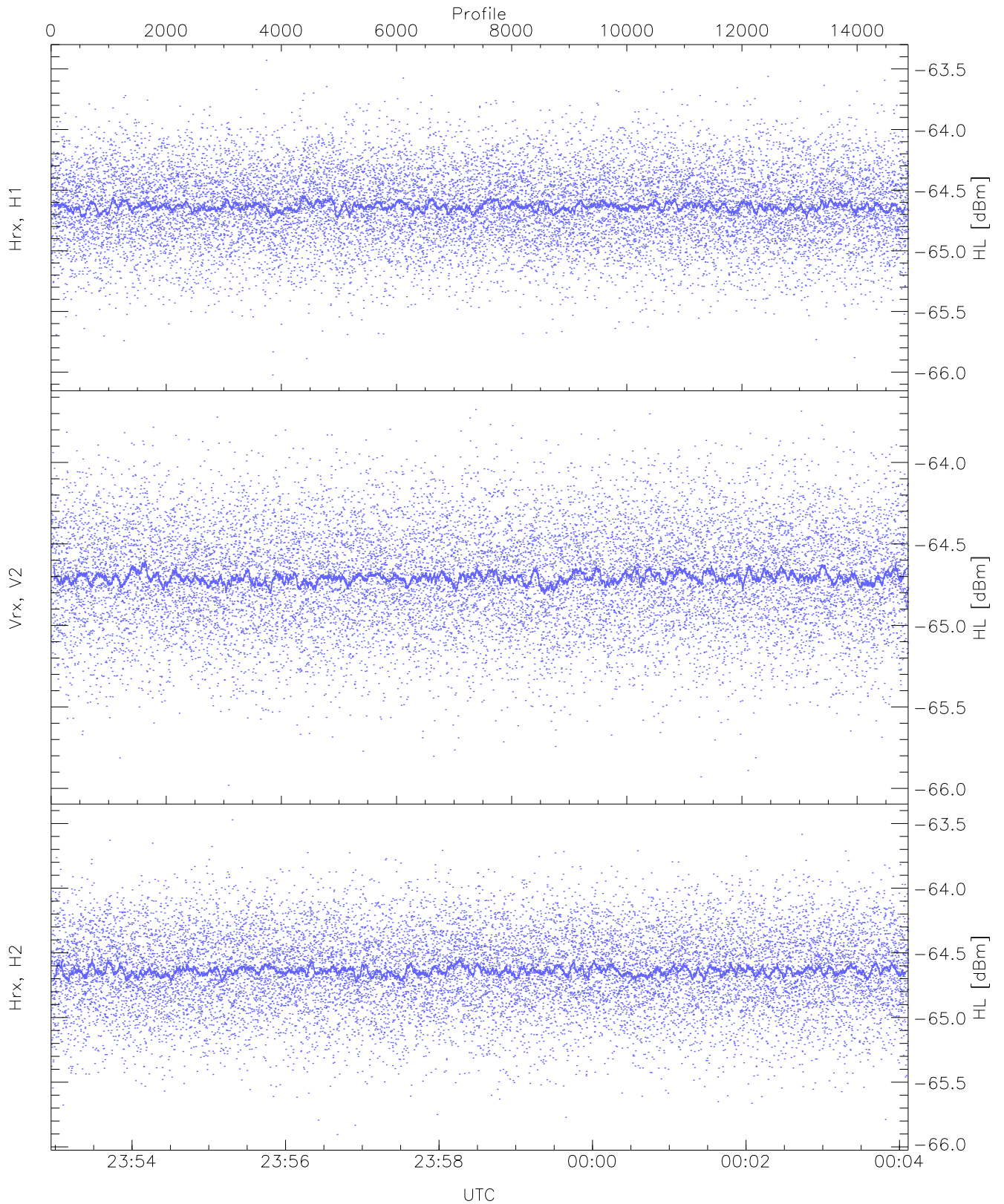
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.19	-65.30	-65.30	-86.81
RMPHrxH1(std_dBm)	-76.05	-74.58	-75.32	-75.32	-89.14
RMPVrxV2(mean_dBm)	-65.08	-64.83	-64.95	-64.95	-86.40
RMPVrxV2(std_dBm)	-75.66	-74.33	-74.97	-74.97	-88.79
RMPHrxH2(mean_dBm)	-64.99	-64.76	-64.87	-64.87	-86.31
RMPHrxH2(std_dBm)	-75.63	-74.19	-74.89	-74.89	-88.67



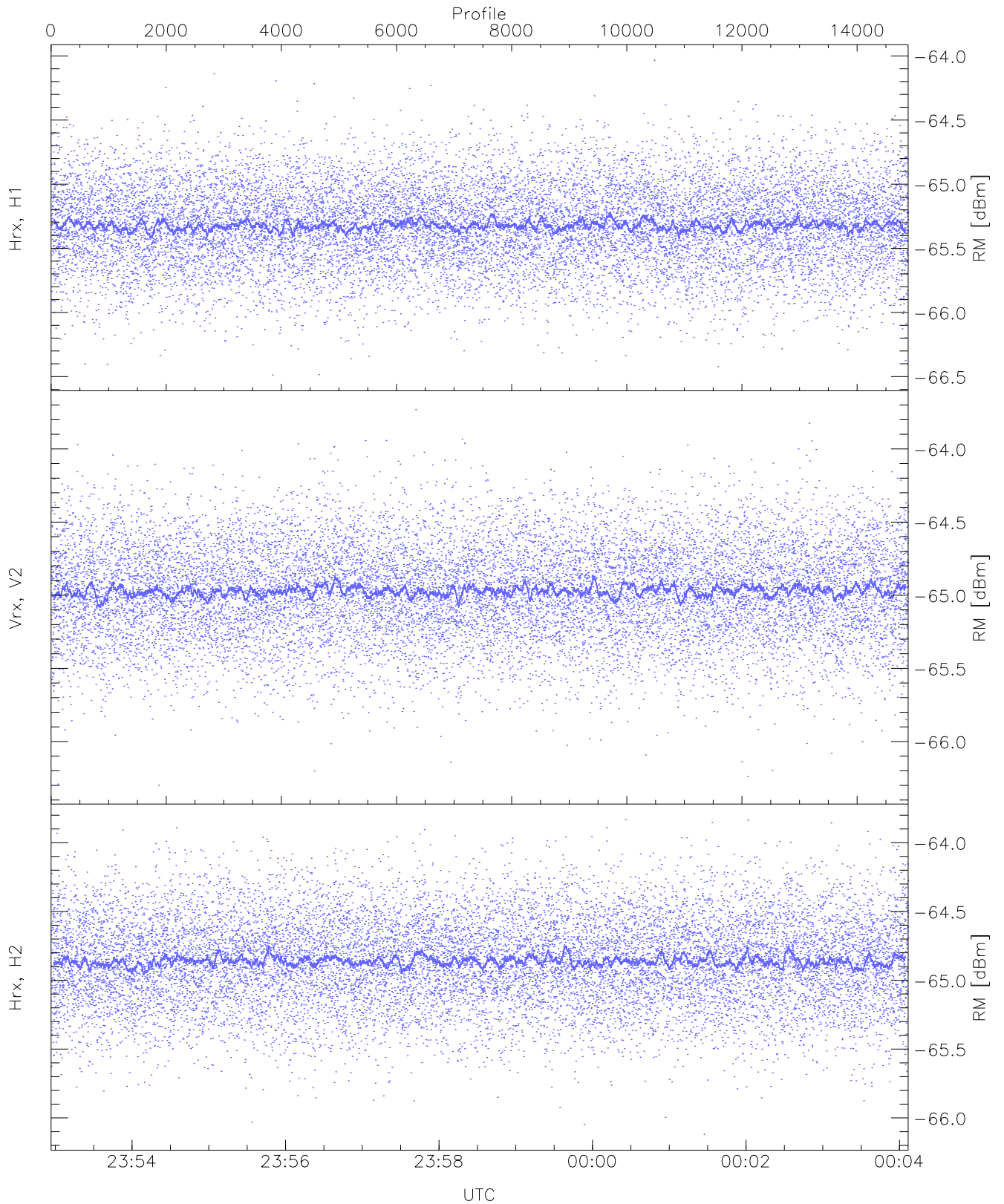
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.03	-63.71	-64.83	-64.83	-76.31
Vrx, V2 (WL [dBm])	-66.16	-63.87	-64.89	-64.90	-76.39
Hrx, H2 (WL [dBm])	-66.11	-63.73	-64.83	-64.84	-76.33



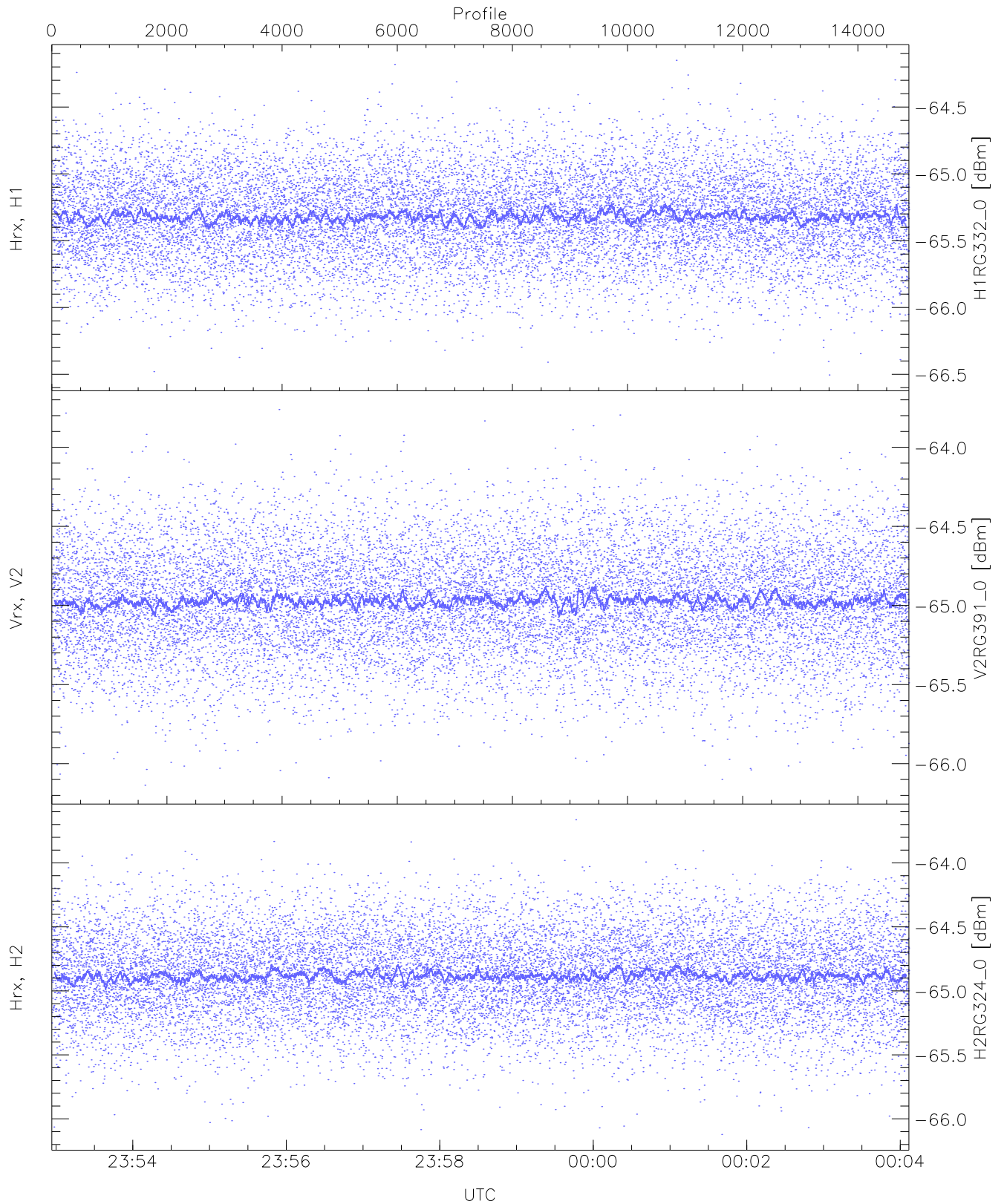
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.02	-63.43	-64.63	-64.63	-76.11
Vrx, V2 (HL [dBm])	-65.98	-63.68	-64.70	-64.71	-76.24
Hrx, H2 (HL [dBm])	-65.90	-63.47	-64.63	-64.64	-76.17



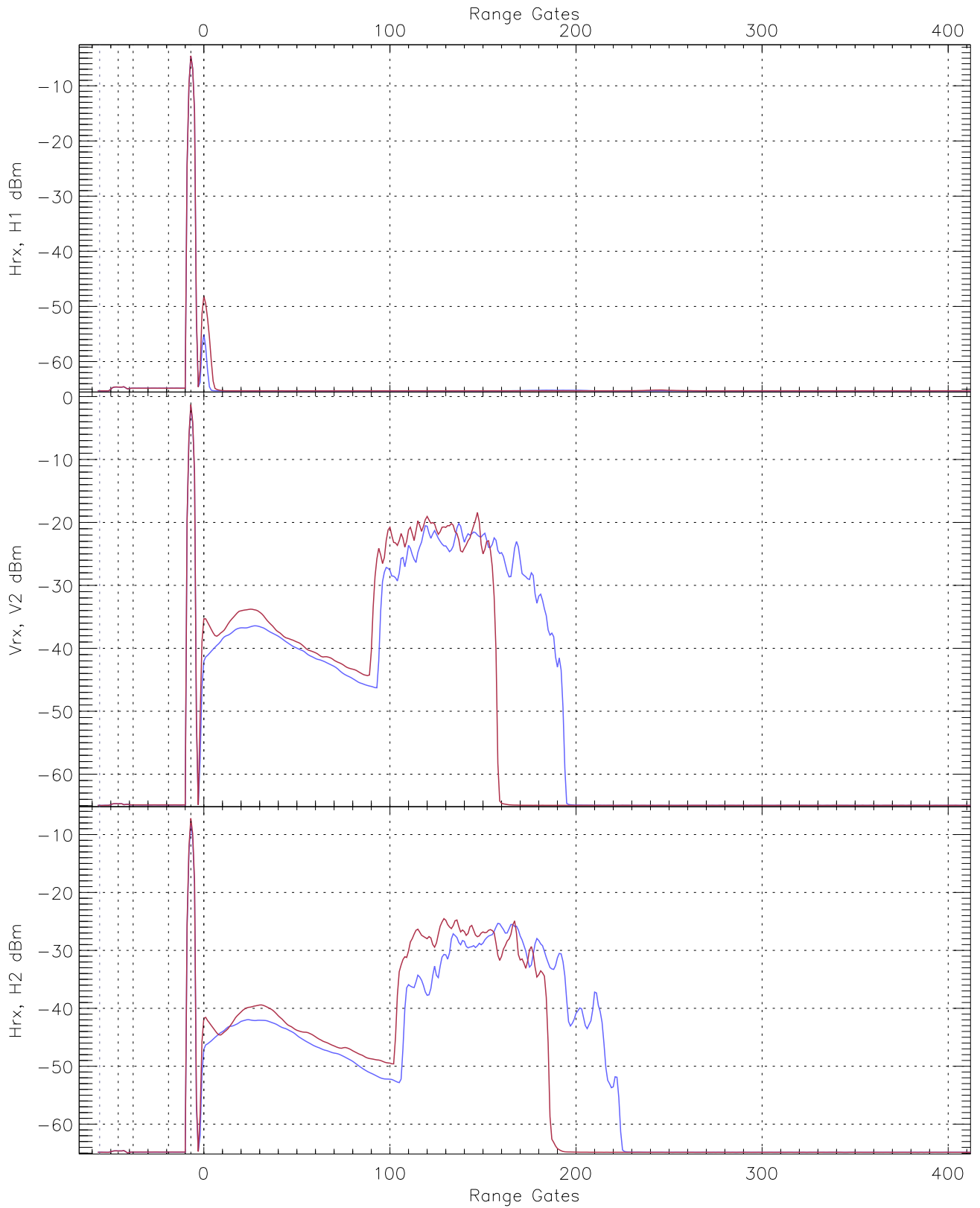
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.49	-64.03	-65.31	-65.32	-76.79
Vrx, V2 (RM [dBm])	-66.30	-63.73	-64.96	-64.97	-76.44
Hrx, H2 (RM [dBm])	-66.12	-63.83	-64.85	-64.86	-76.38

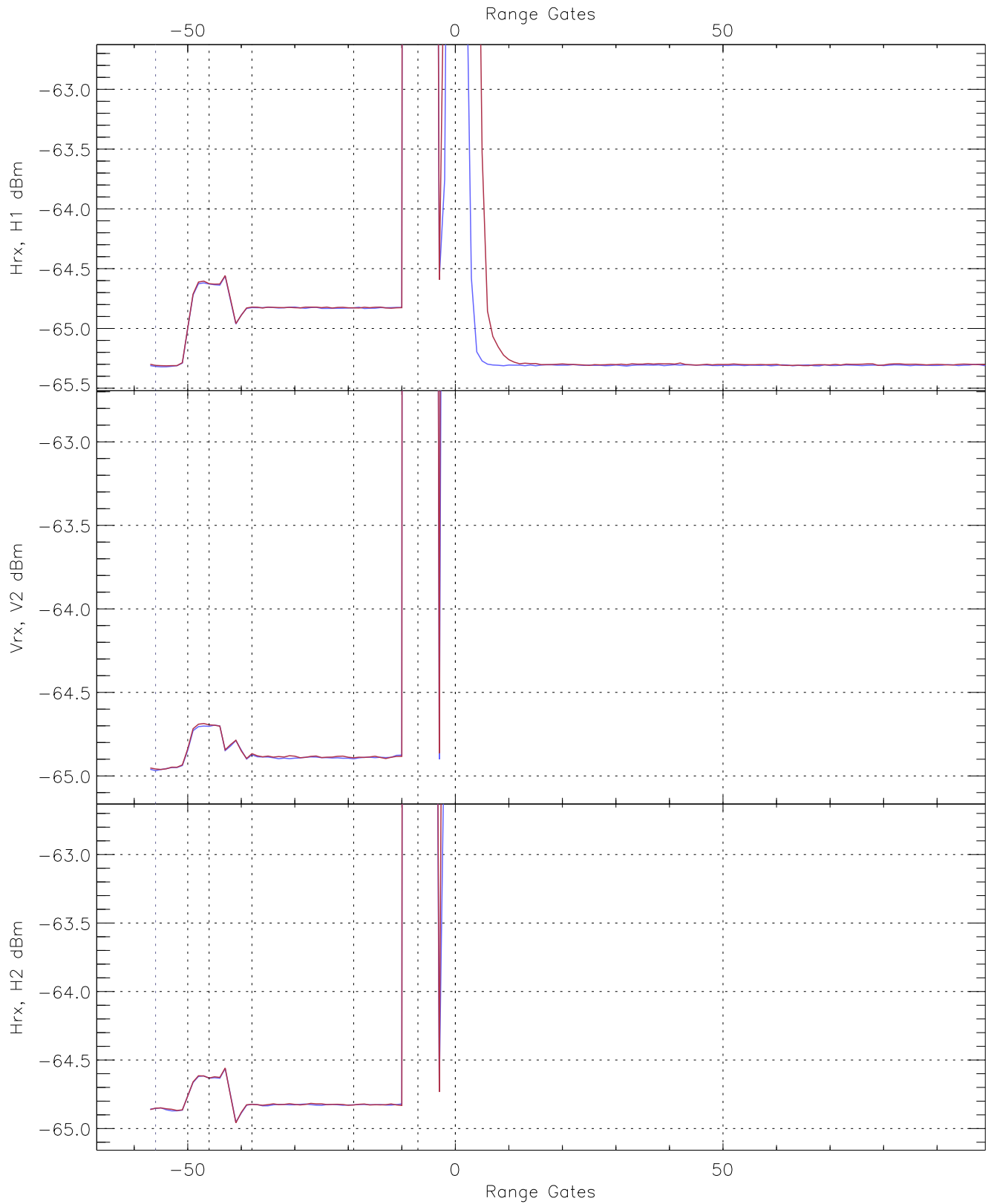


WCR3 CPP "Best" estimate Receivers Noise Power

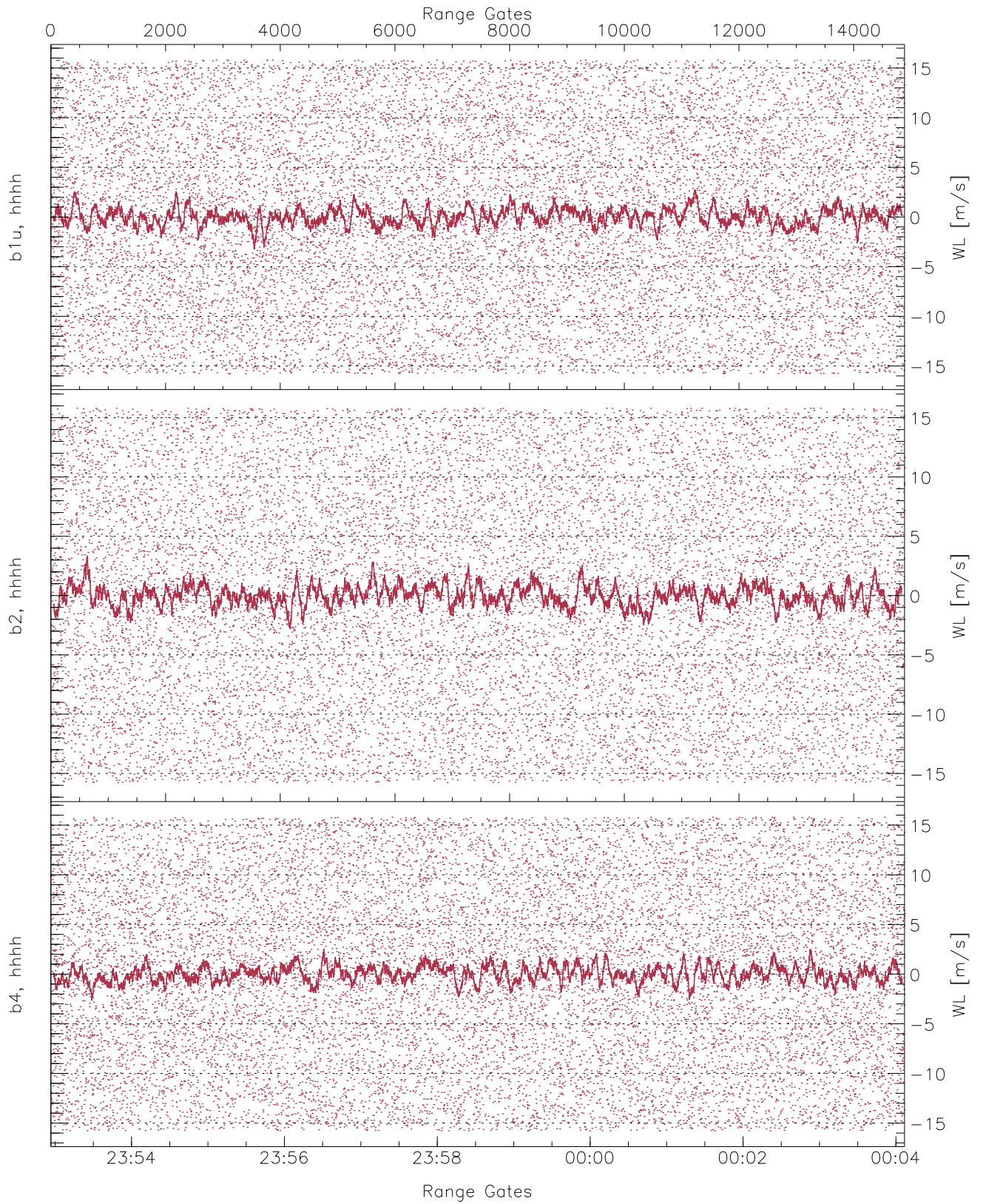
	Min	Max	Mean	Median	StDev
H1RG332_0 [dBm]	-66.51	-64.15	-65.31	-65.32	-76.86
V2RG391_0 [dBm]	-66.14	-63.76	-64.96	-64.97	-76.43
H2RG324_0 [dBm]	-66.12	-63.66	-64.87	-64.88	-76.35



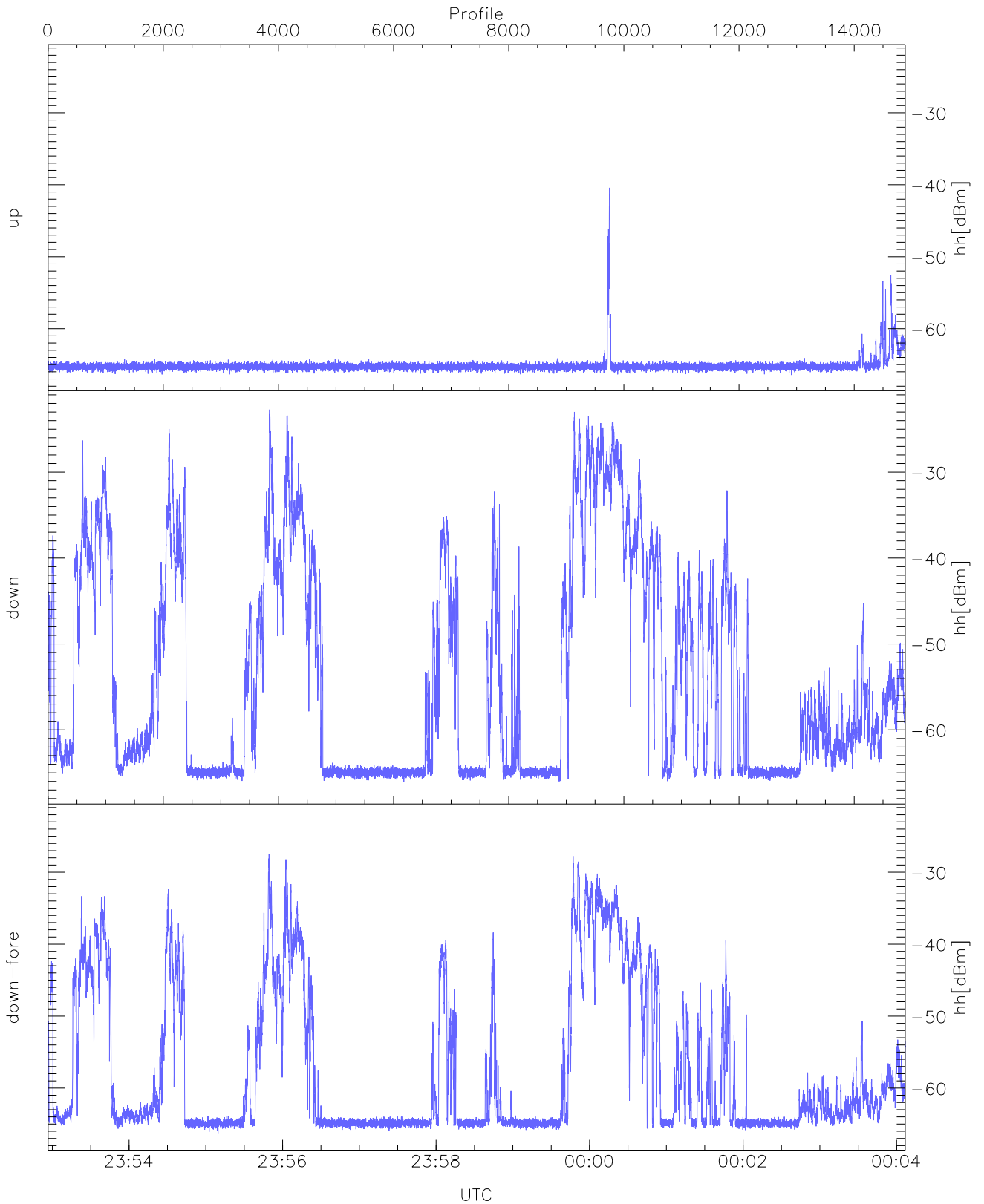
WCR3 CPP Averaged Received power for all recorded gates
blue: 235257-235832, 7445 profiles averaged
red: 235832-000407, 7444 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 235257-235832, 7445 profiles averaged
red: 235832-000407, 7444 profiles averaged

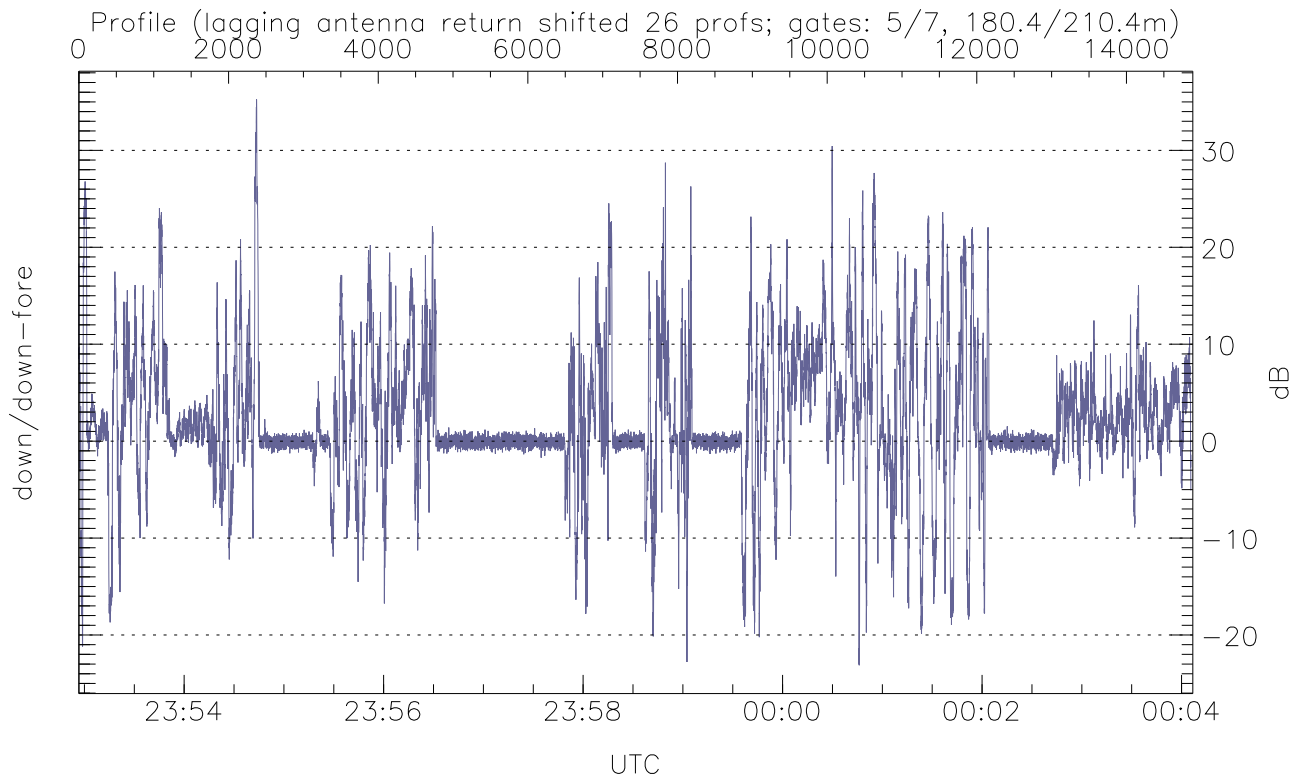
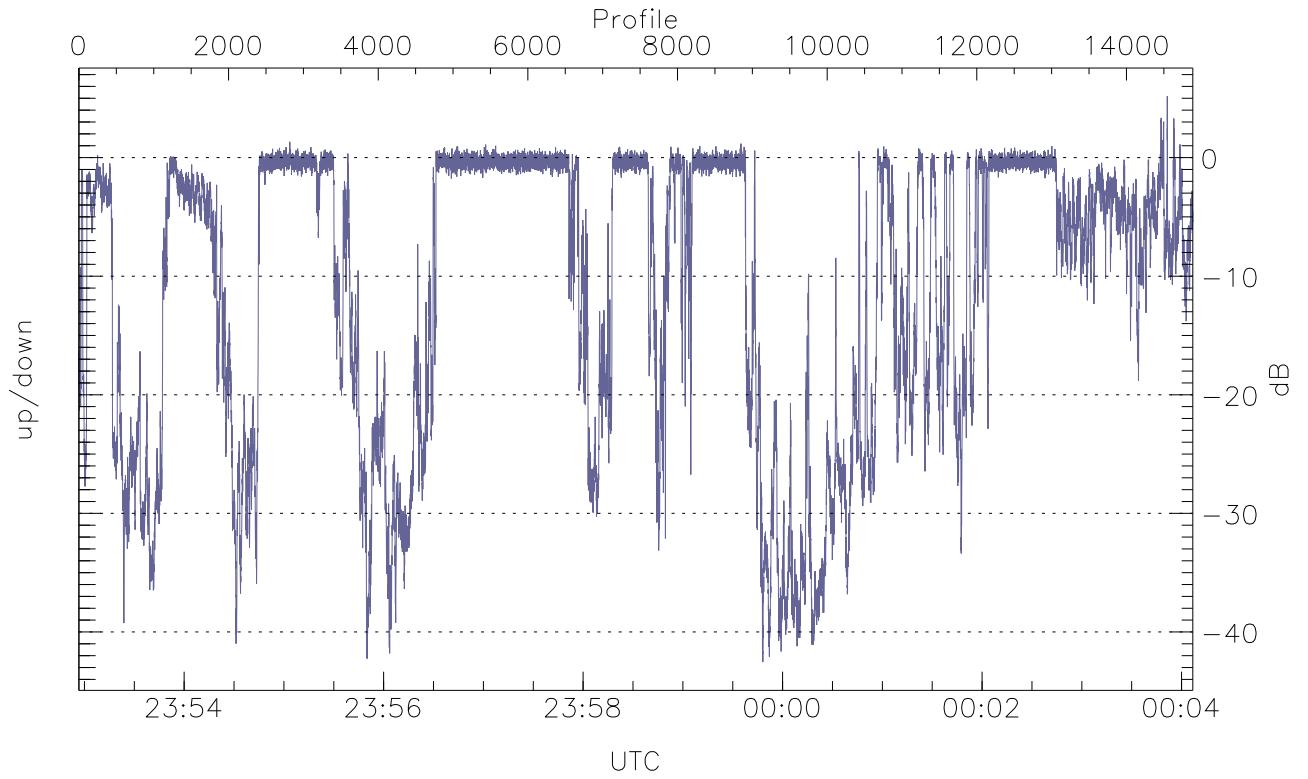


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



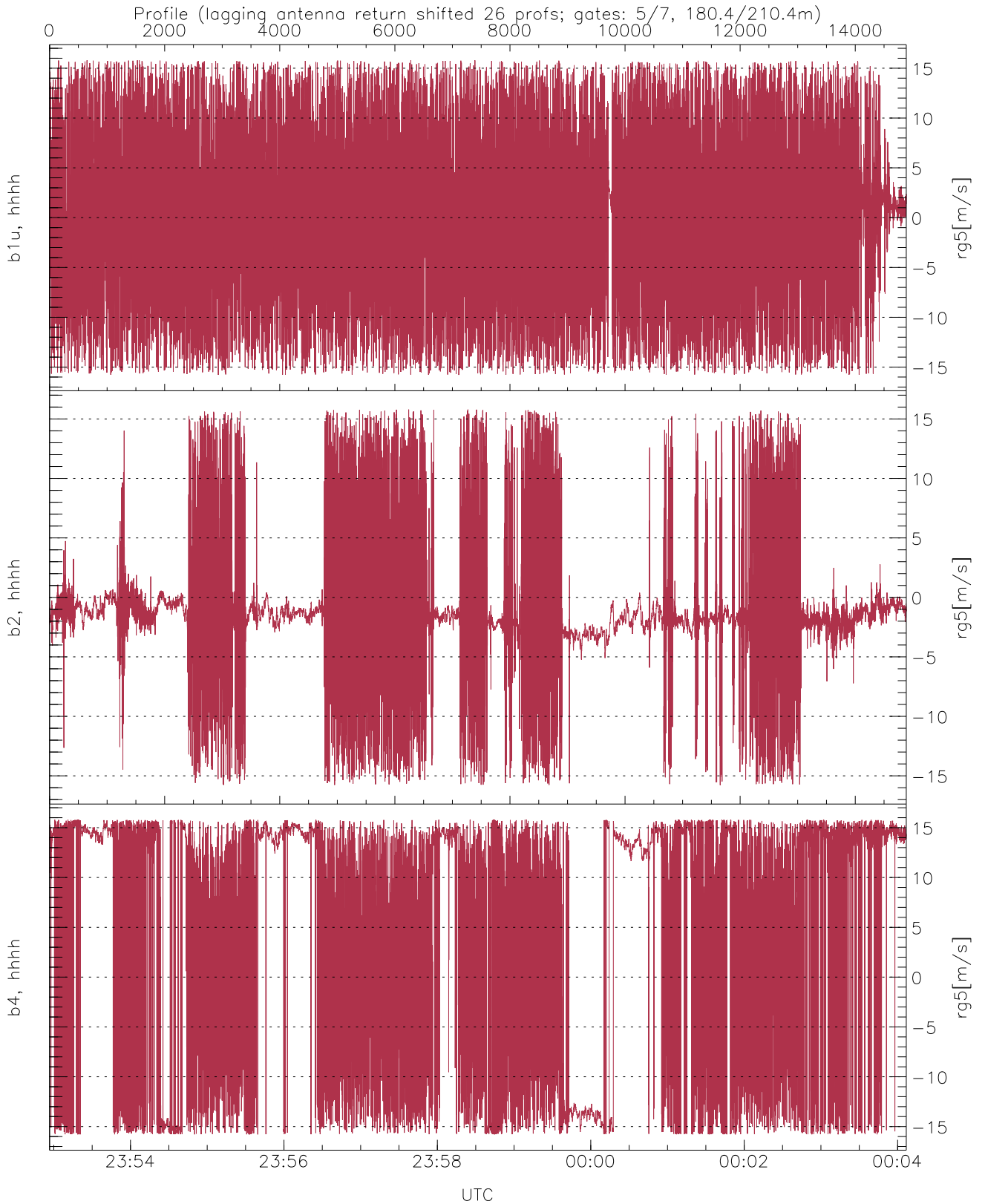
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.45	-40.42	-64.31
down(hh[dBm])	-66.05	-22.71	-38.65
down-fore(hh[dBm])	-66.38	-27.41	-44.26



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

	Min	Max	Mean
up/down (dB)	-42.54	5.17	-10.85
down/down-fore (dB)	-23.13	35.25	2.37



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.11	8.15
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.03	5.32
b4, hhhh(rg5[m/s])	-15.79	15.79	3.99	11.65