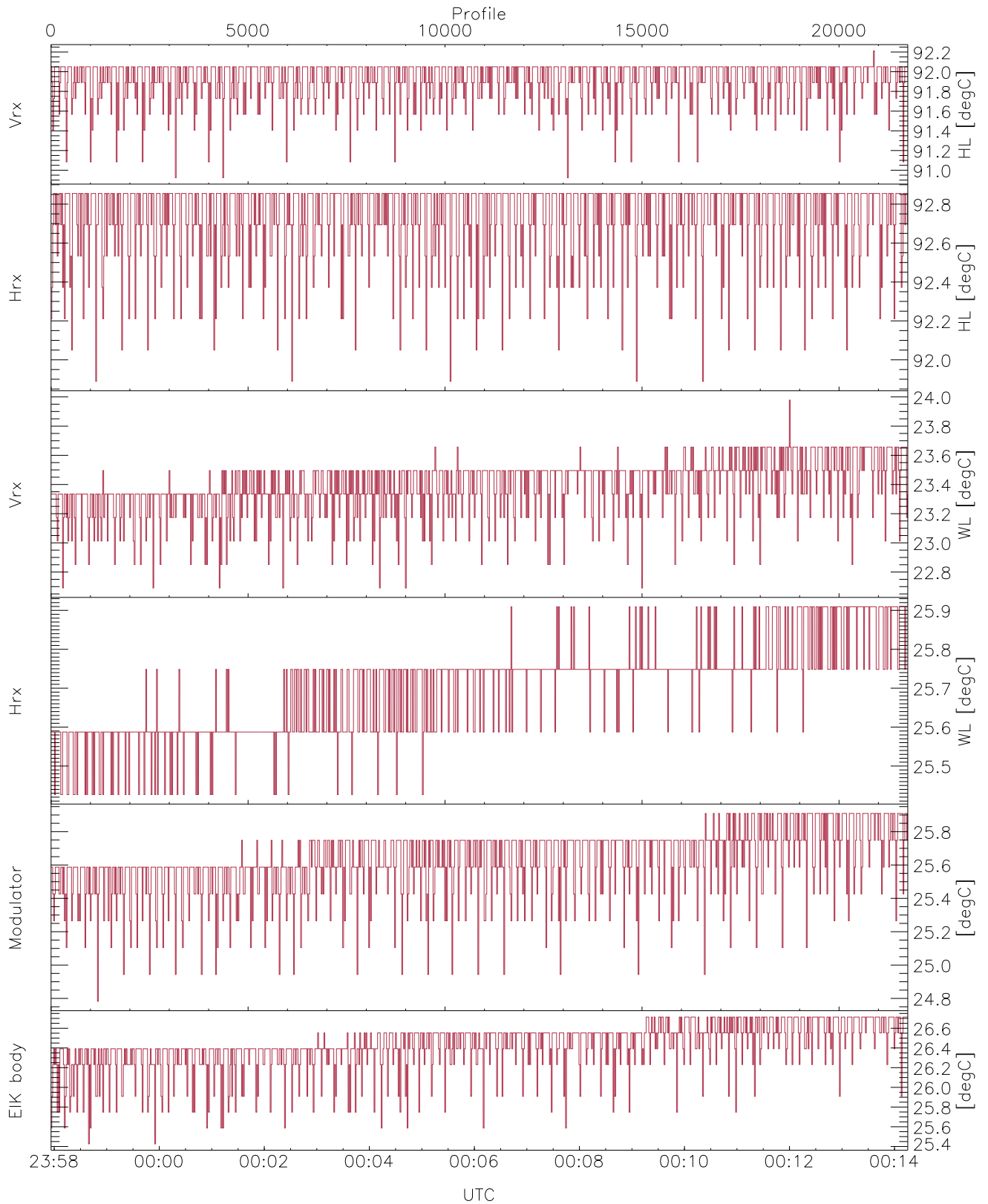


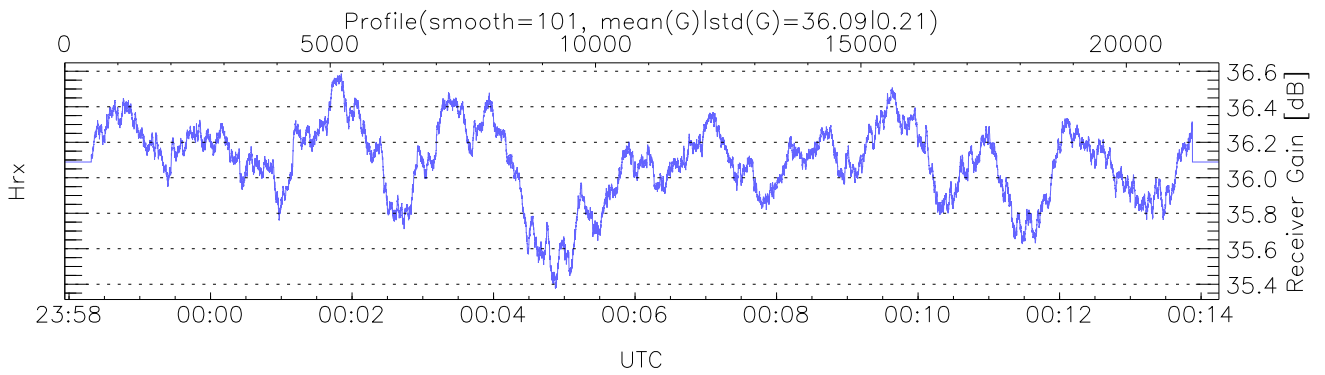
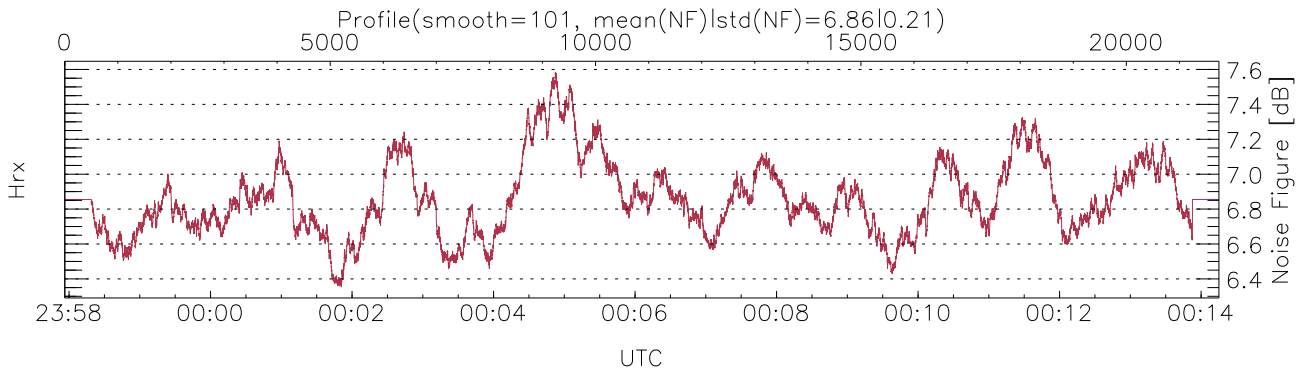
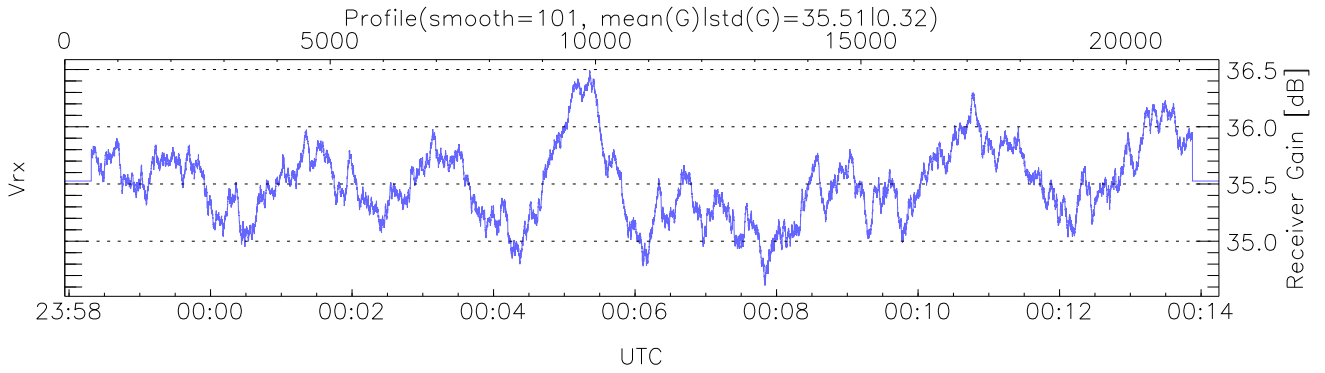
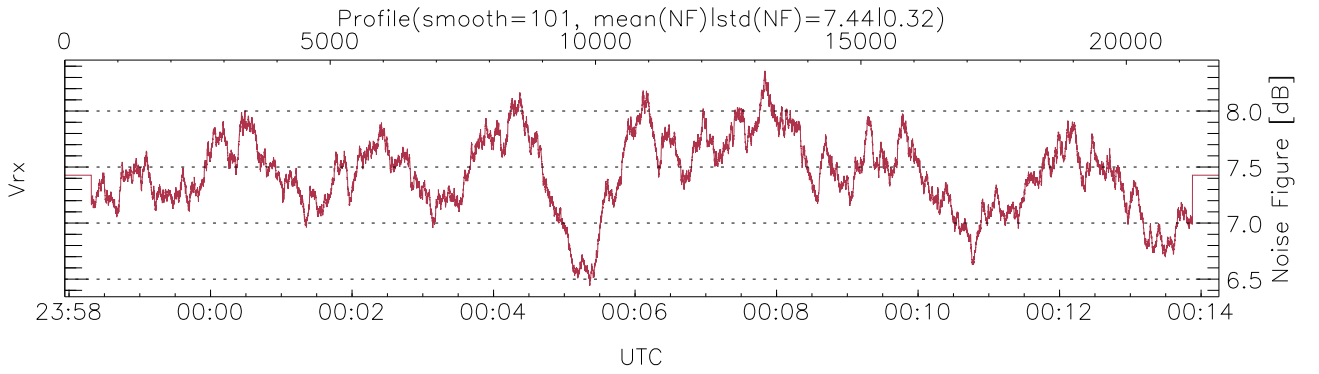
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:57:56-00:14:15, TimeCor: 0.00s, Dur: 978.77s
 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): 21746/21746, 0-21745/23:57:56-00:14:15
 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



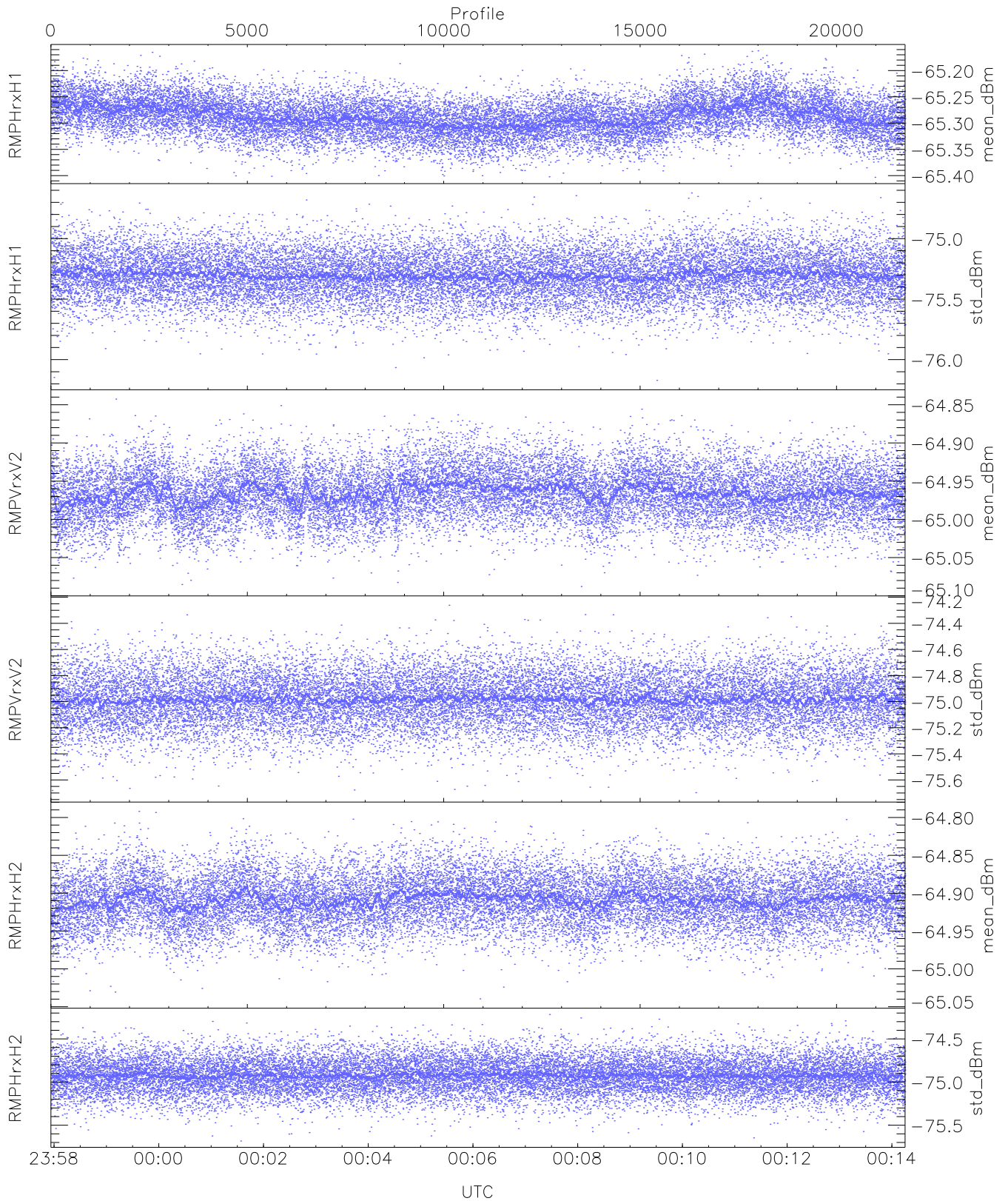
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,24,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,25,26`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK/Modulator Faults: None`



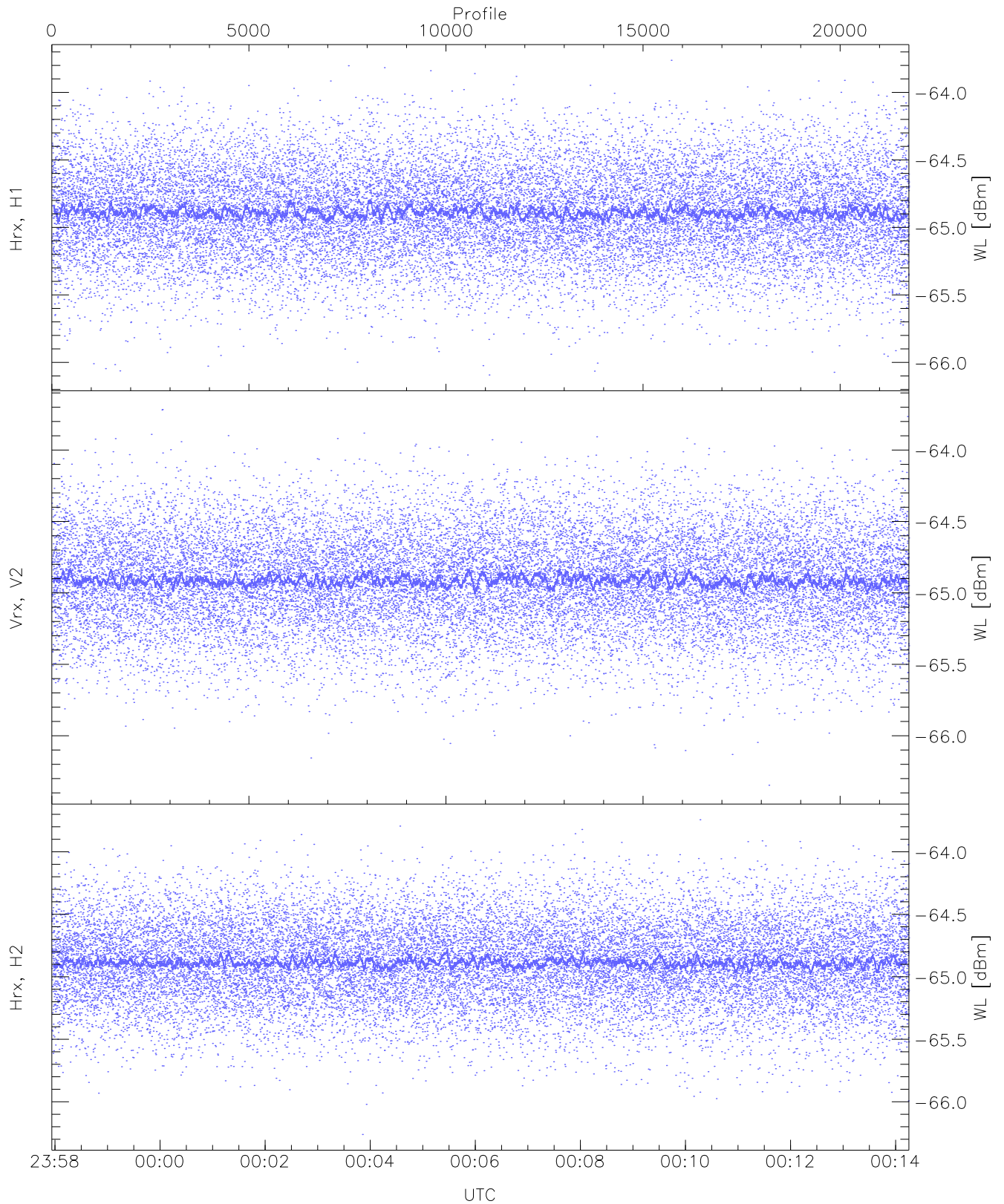
WCR3 CPP Receivers Gain and Noise Figure

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



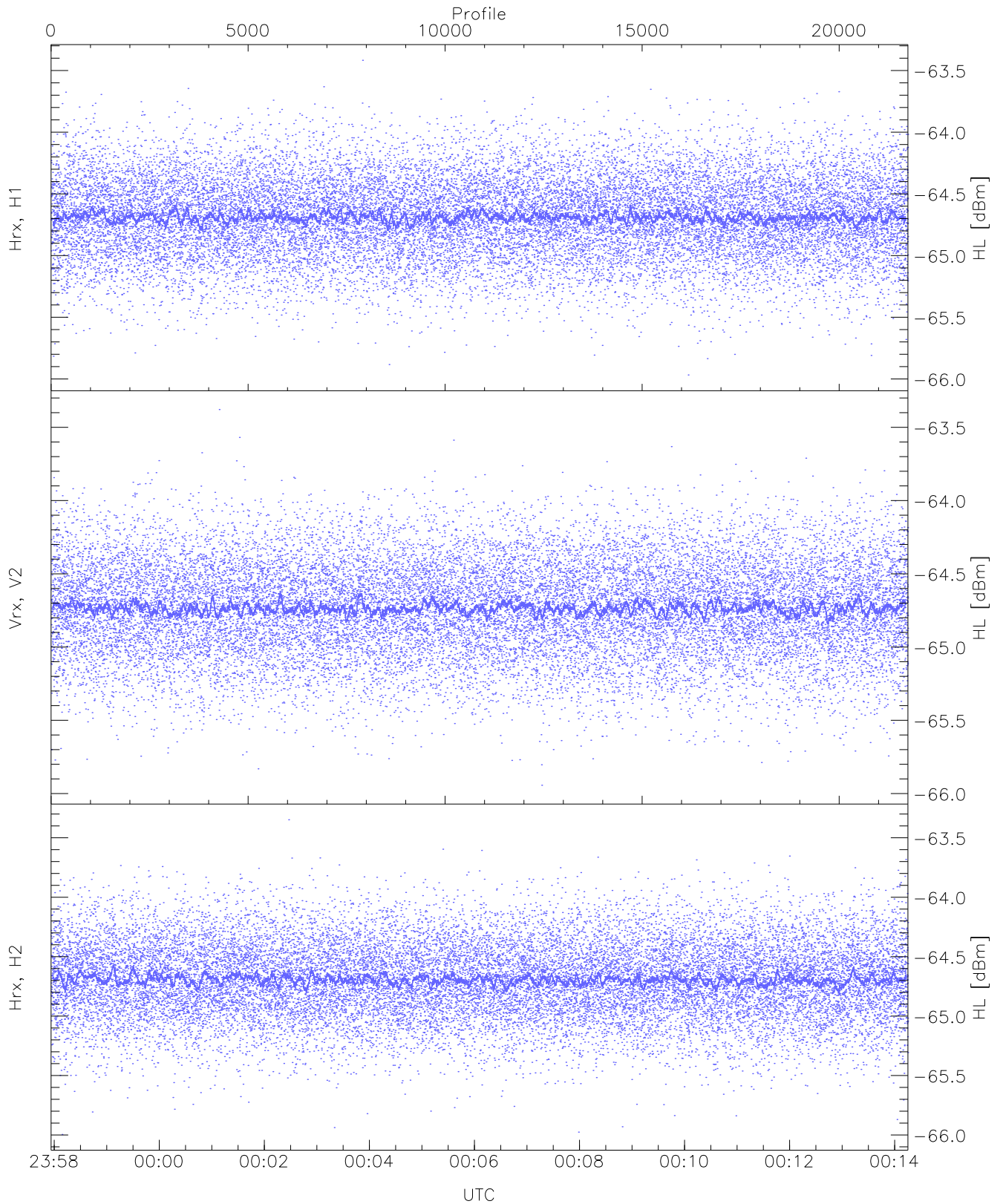
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.40	-65.16	-65.29	-65.29	-86.44
RMPHrxH1(std_dBm)	-76.17	-74.62	-75.30	-75.30	-89.08
RMPVrxV2(mean_dBm)	-65.09	-64.84	-64.97	-64.97	-86.38
RMPVrxV2(std_dBm)	-75.70	-74.26	-74.98	-74.99	-88.76
RMPHrxH2(mean_dBm)	-65.04	-64.79	-64.91	-64.91	-86.40
RMPHrxH2(std_dBm)	-75.68	-74.22	-74.92	-74.93	-88.70



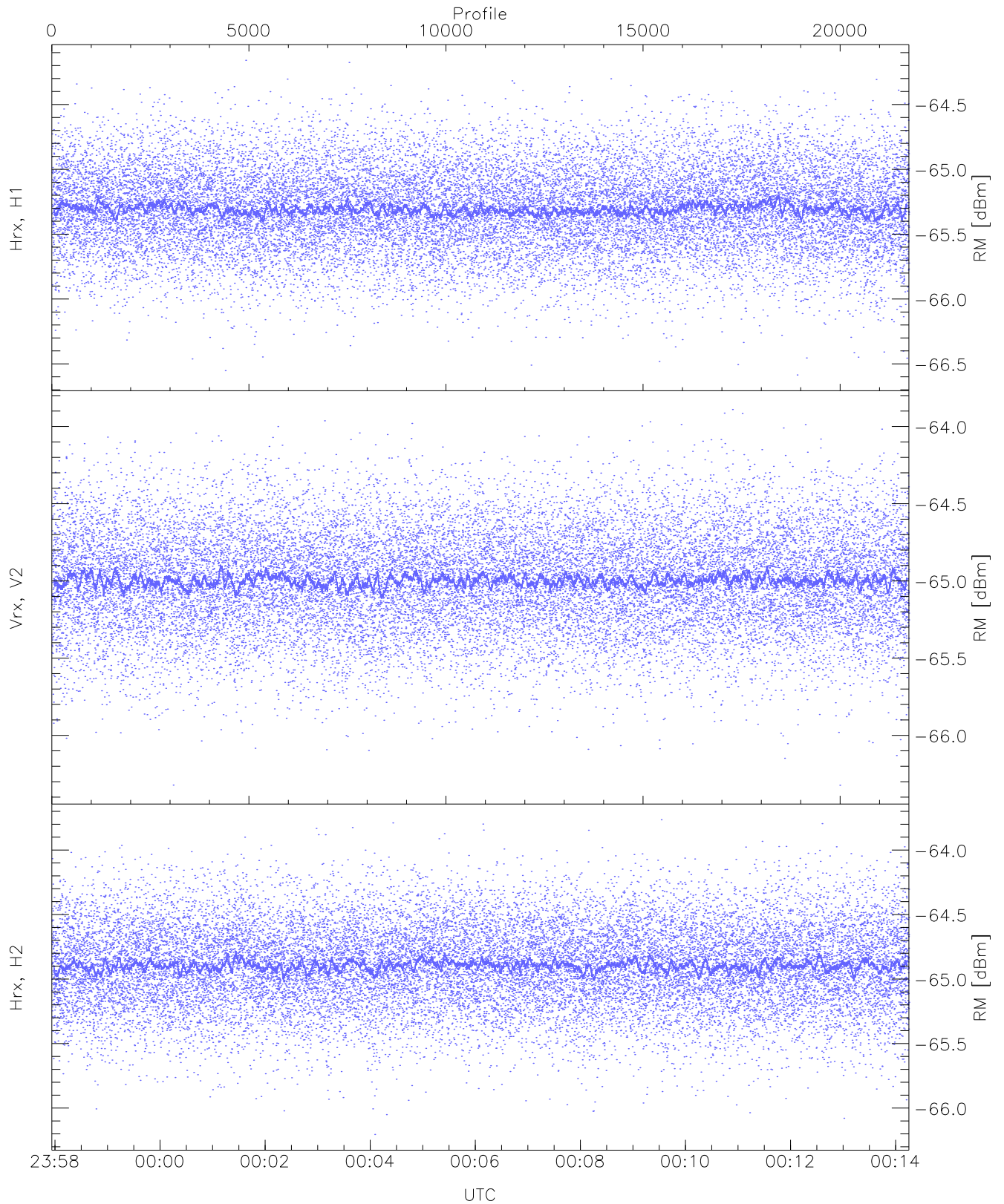
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.09	-63.76	-64.88	-64.89	-76.37
Vrx, V2 (WL [dBm])	-66.35	-63.72	-64.91	-64.91	-76.39
Hrx, H2 (WL [dBm])	-66.26	-63.74	-64.88	-64.89	-76.39



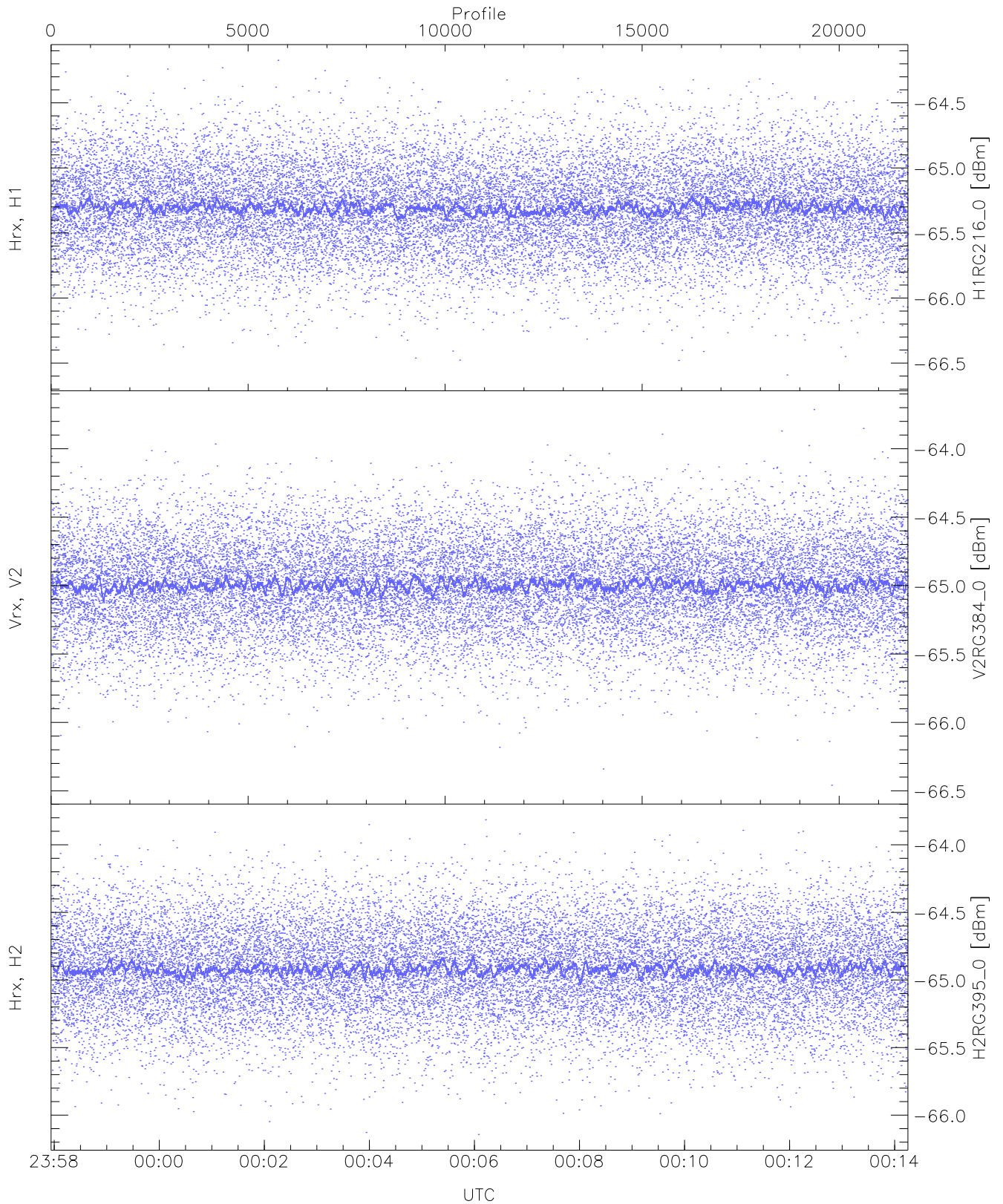
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.97	-63.42	-64.68	-64.69	-76.16
Vrx, V2 (HL [dBm])	-65.94	-63.38	-64.73	-64.73	-76.25
Hrx, H2 (HL [dBm])	-66.00	-63.35	-64.69	-64.70	-76.19



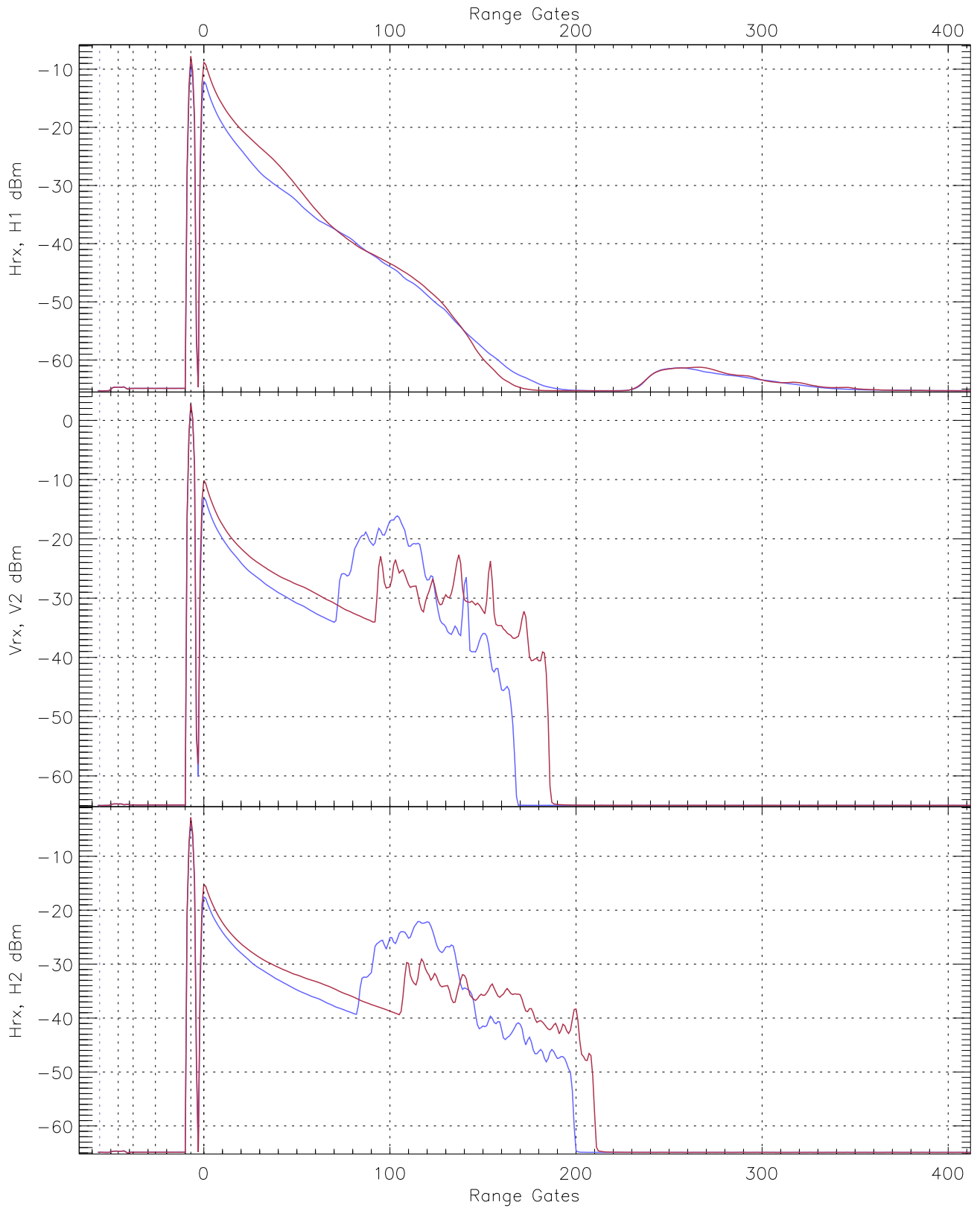
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.59	-64.16	-65.30	-65.31	-76.82
Vrx, V2 (RM [dBm])	-66.32	-63.89	-64.99	-65.00	-76.47
Hrx, H2 (RM [dBm])	-66.20	-63.77	-64.89	-64.90	-76.37

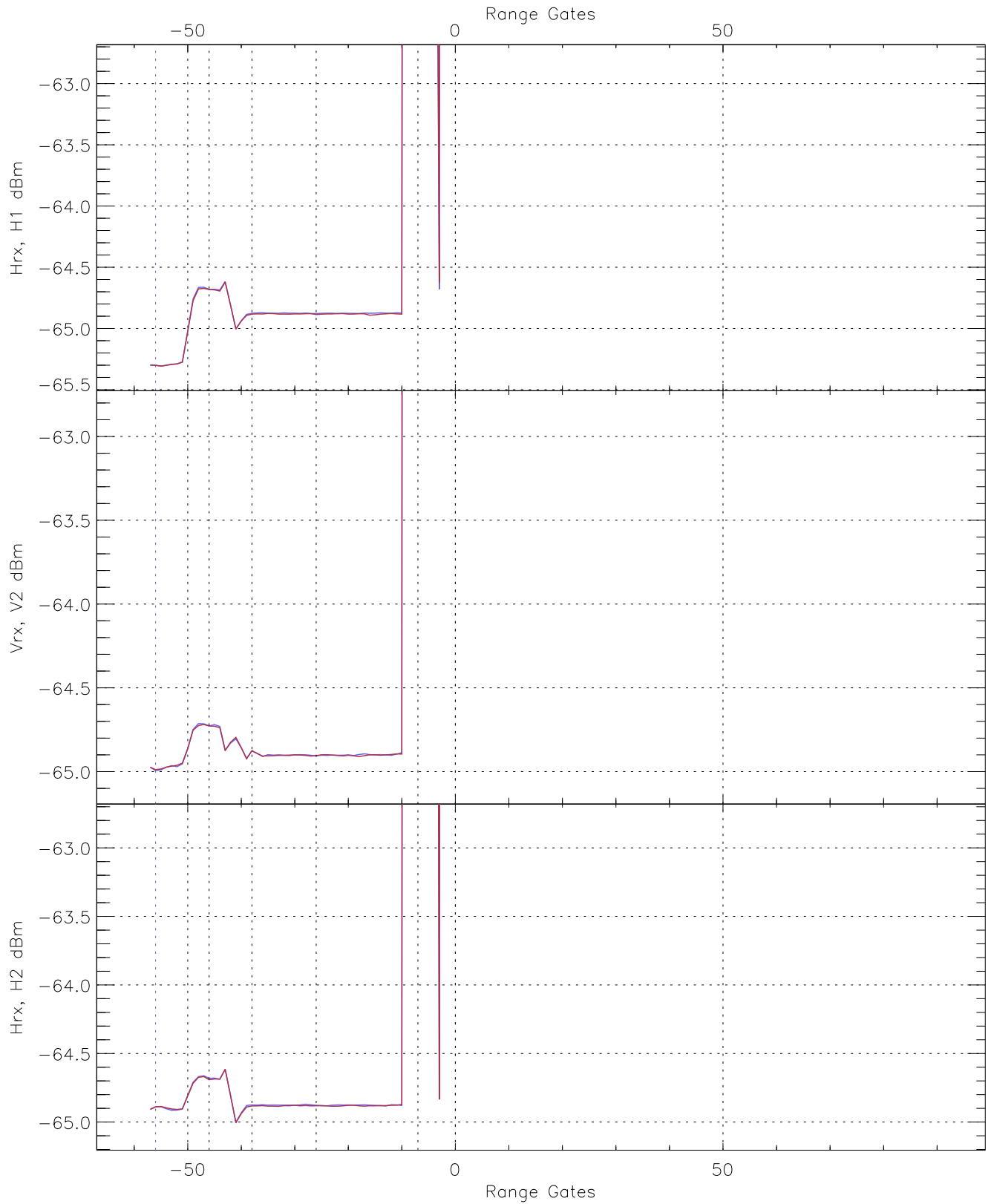


WCR3 CPP "Best" estimate Receivers Noise Power

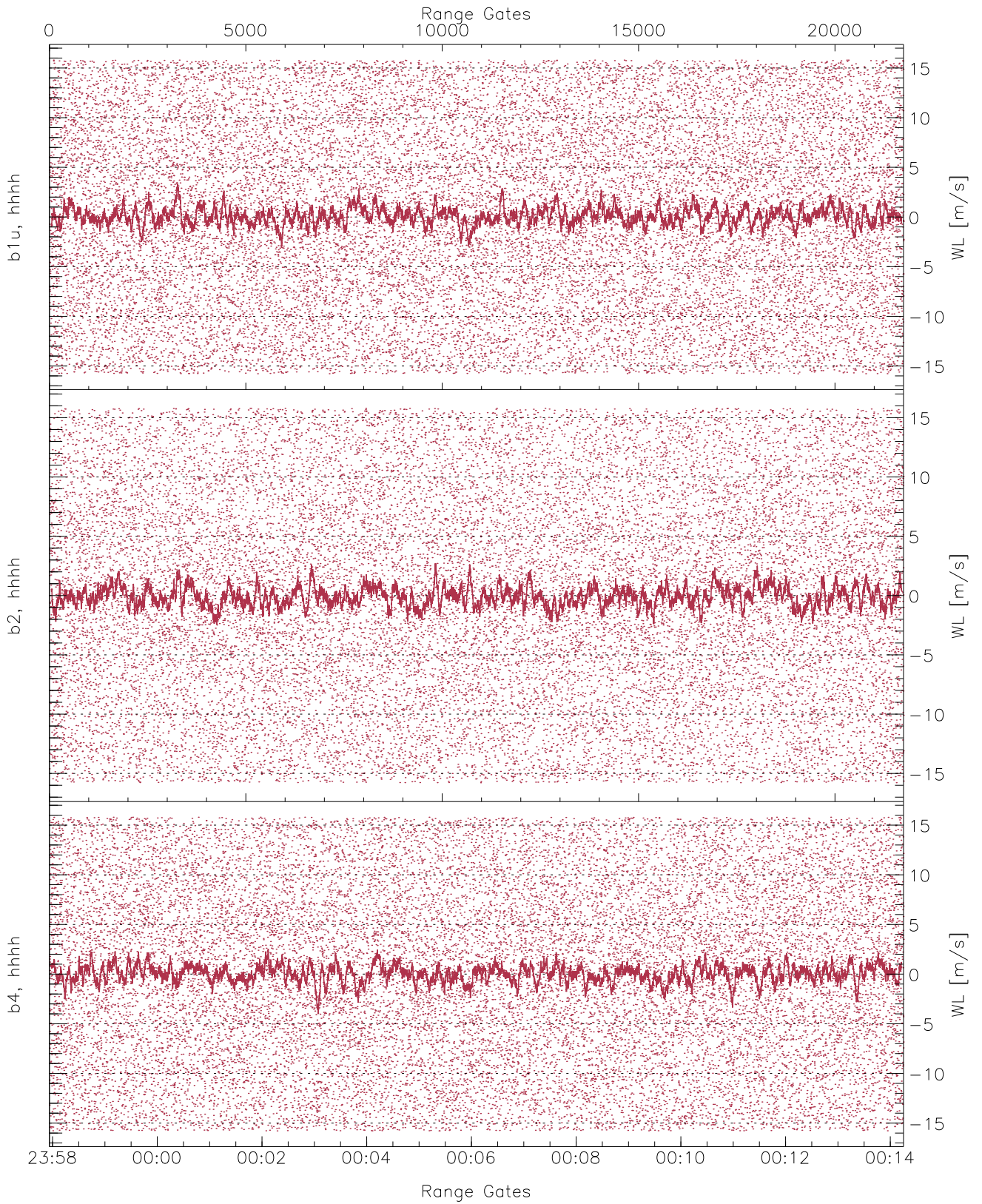
	Min	Max	Mean	Median	StDev
H1RG216_0 [dBm]	-66.59	-64.17	-65.30	-65.31	-76.78
V2RG384_0 [dBm]	-66.46	-63.71	-64.99	-65.00	-76.50
H2RG395_0 [dBm]	-66.14	-63.81	-64.91	-64.92	-76.46



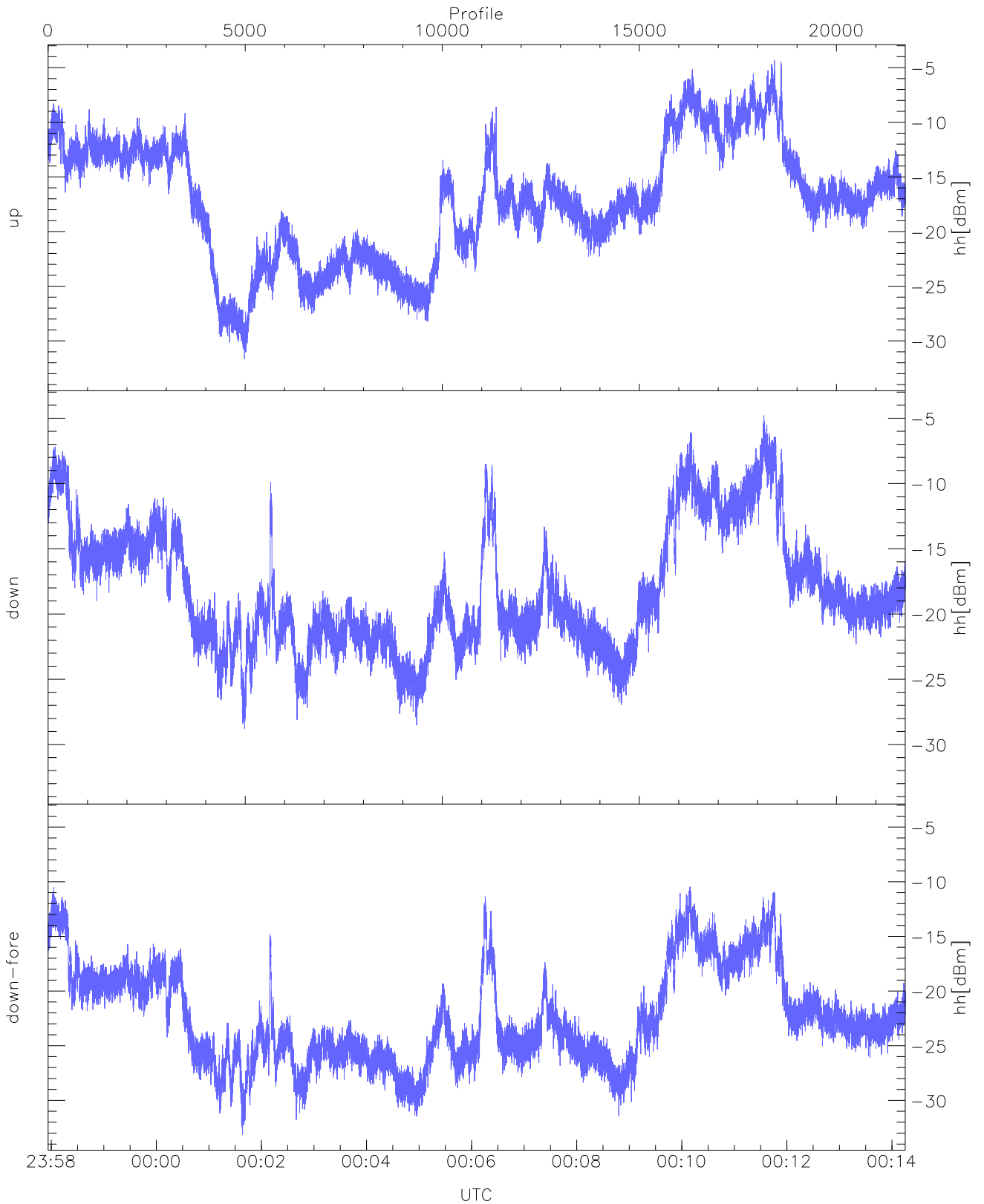
WCR3 CPP Averaged Received power for all recorded gates
blue: 235756-240606, 10874 profiles averaged
red: 240606-001415, 10873 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 235756-240606, 10874 profiles averaged
red: 240606-001415, 10873 profiles averaged

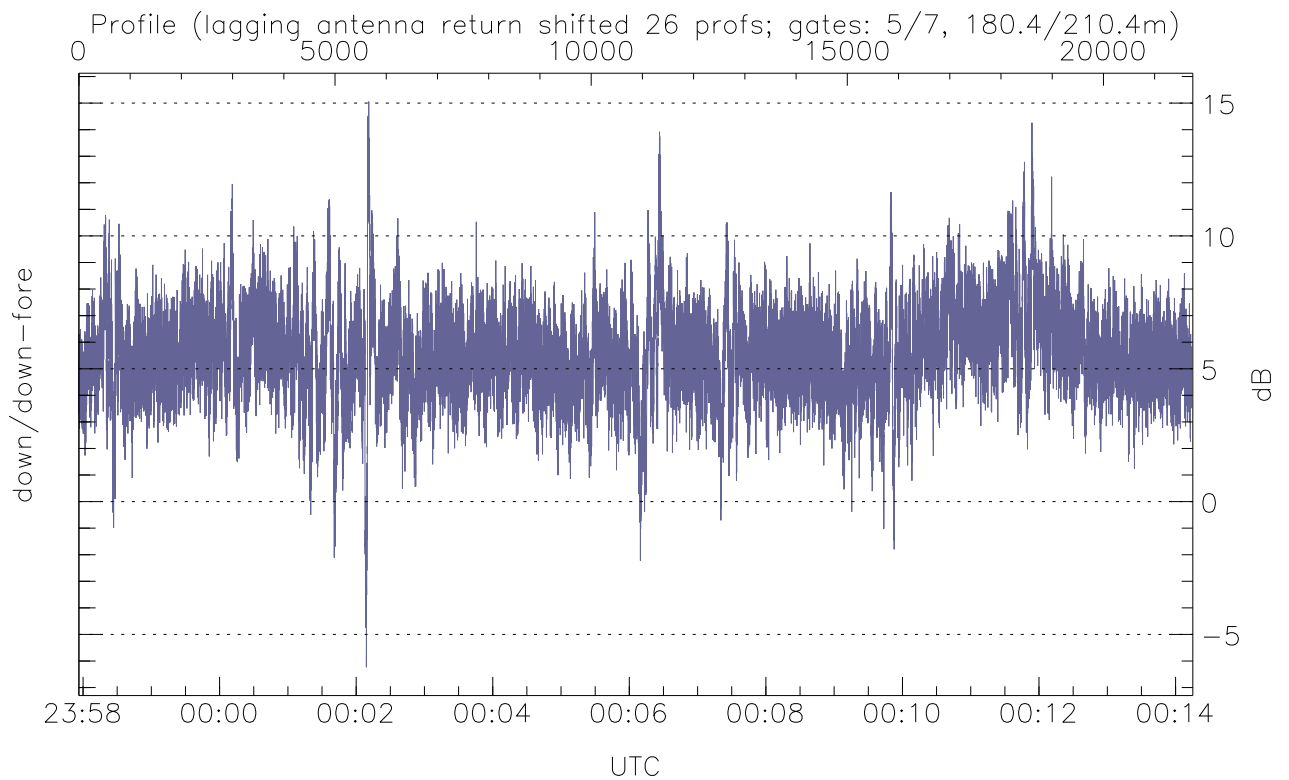
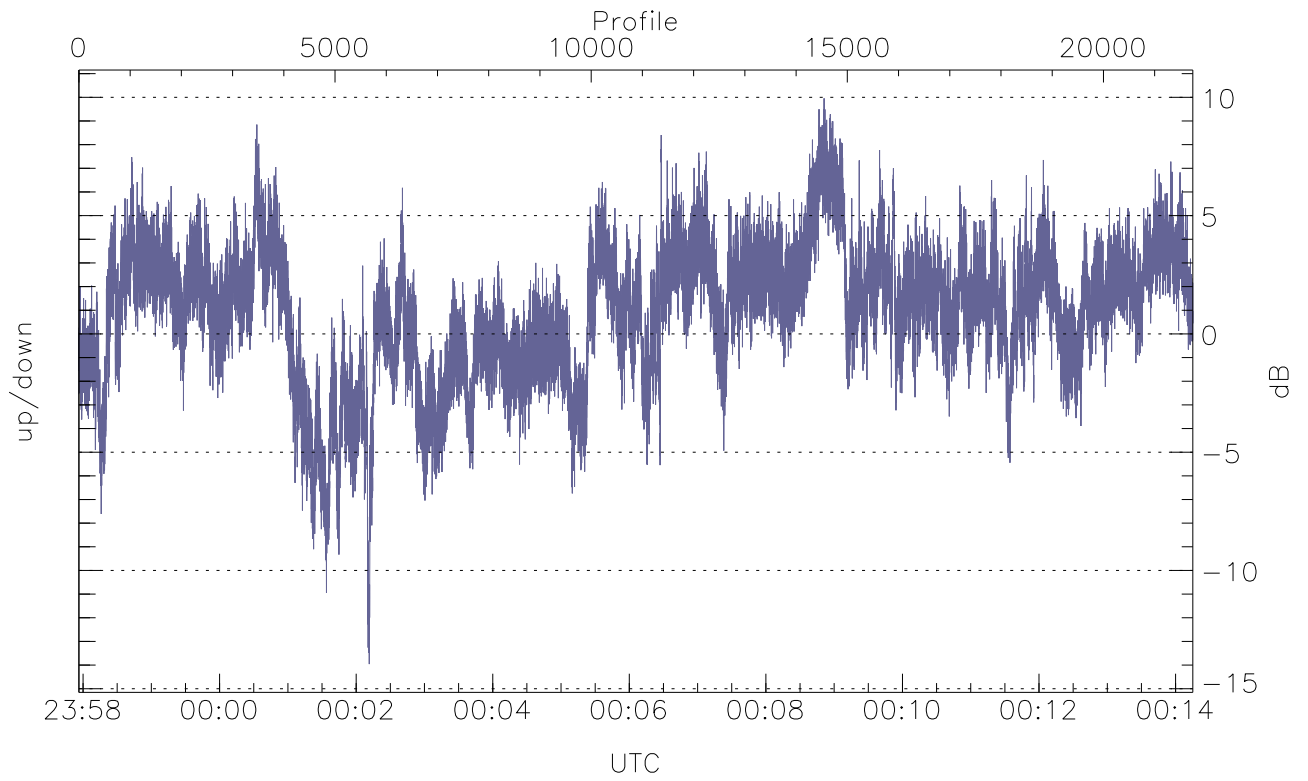


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



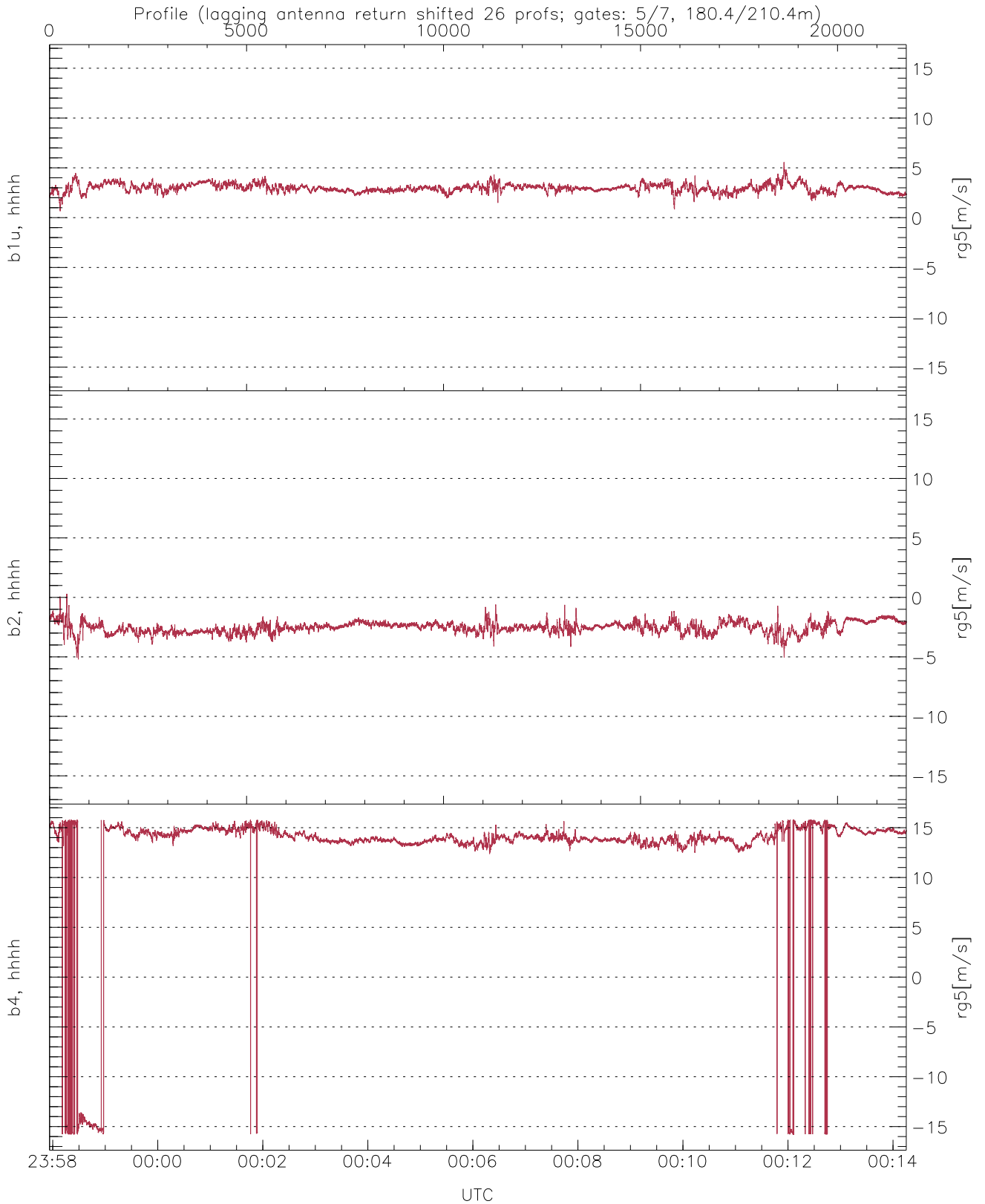
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-31.64	-4.33	-14.28
down(hh[dBm])	-28.78	-4.78	-15.52
down-fore(hh[dBm])	-33.12	-10.46	-20.04



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

	Min	Max	Mean
up/down (dB)	-13.96	9.96	0.95
down/down-fore (dB)	-6.24	15.06	5.56



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.65	5.57	2.97	0.42
b2, hhhh(rg5[m/s])	-5.21	0.30	-2.53	0.48
b4, hhhh(rg5[m/s])	-15.79	15.79	12.84	6.15