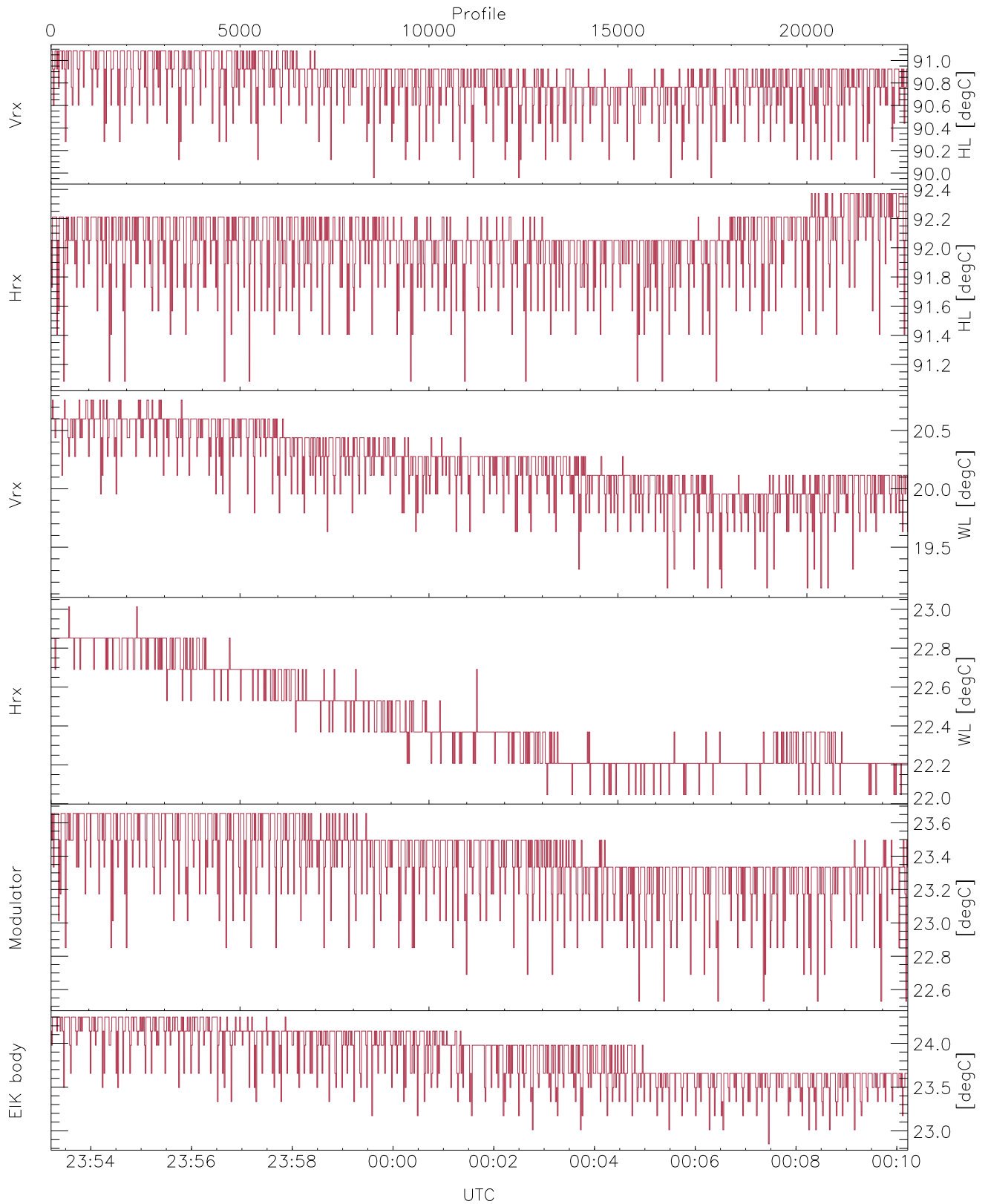


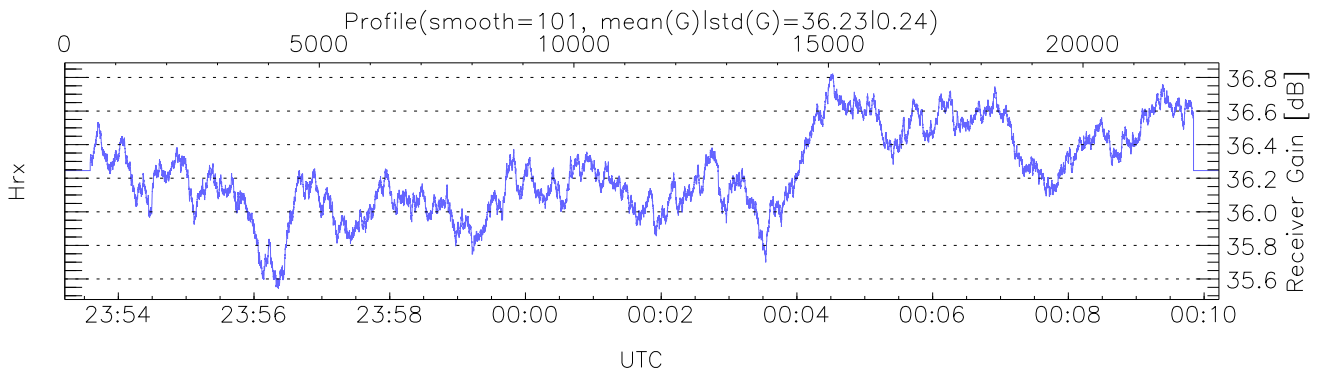
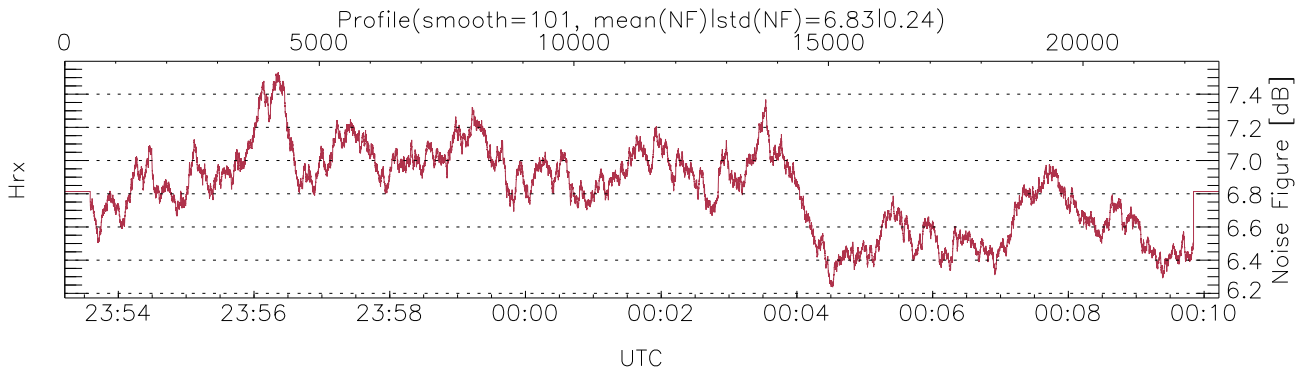
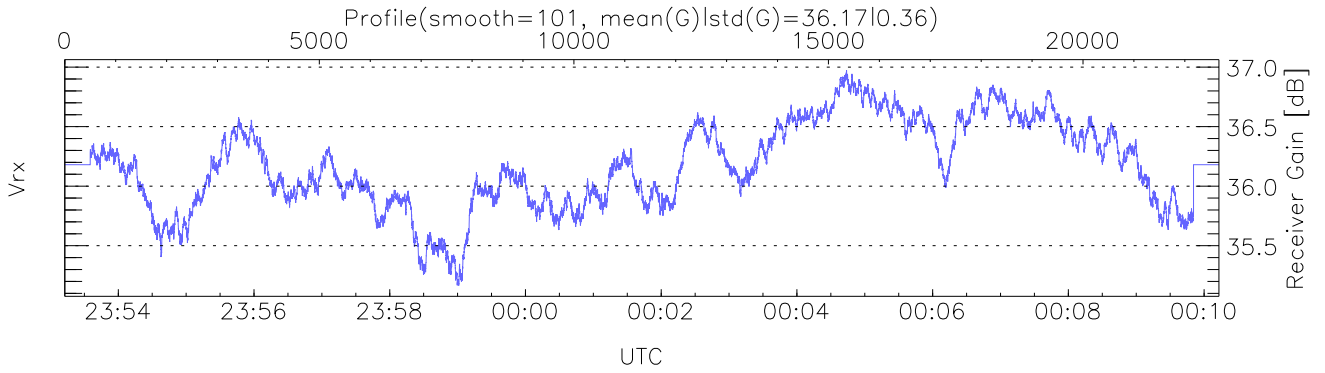
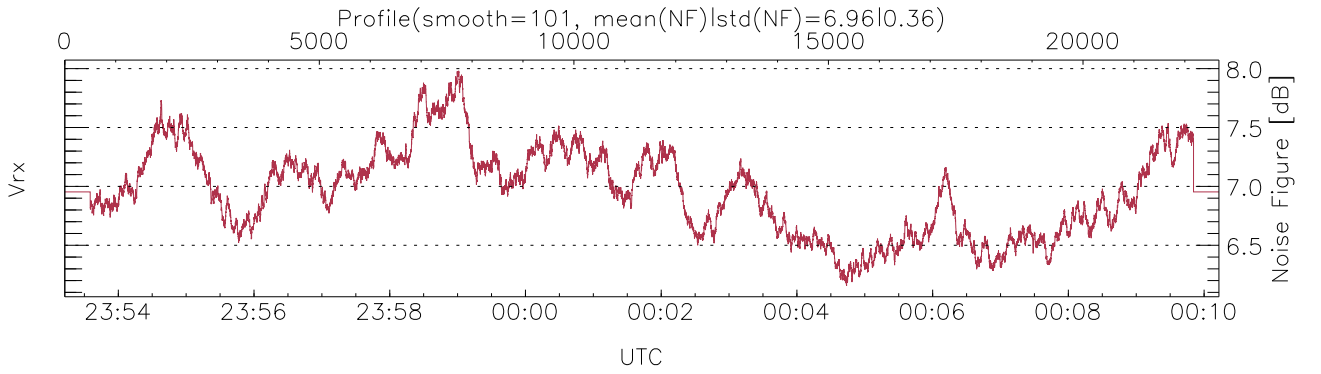
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:53:13-00:10:13, 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, 0-22671/23:53:13-00:10:13
 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



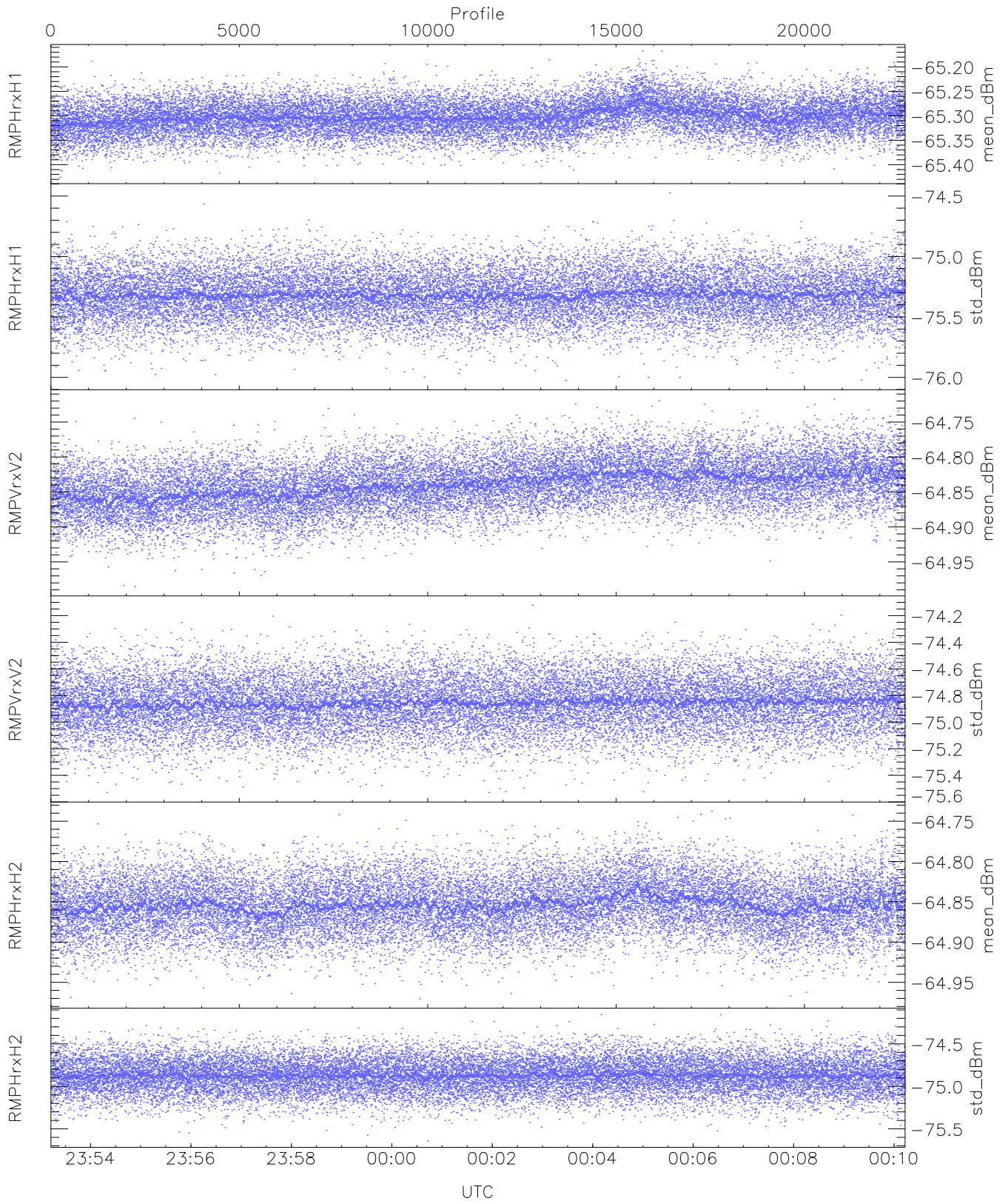
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,19,22,22,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,20,23,23,24
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



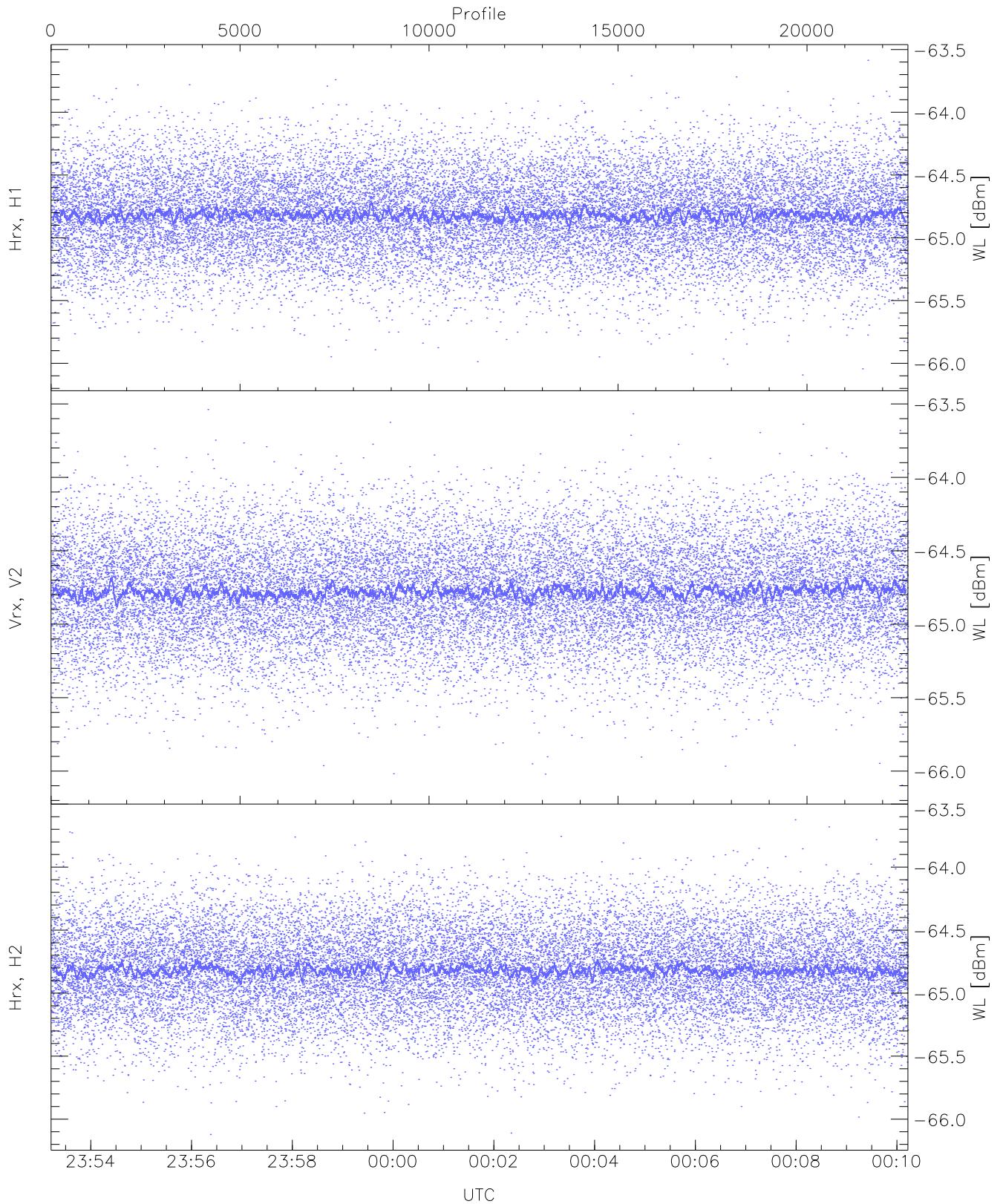
WCR3 CPP Receivers Gain and Noise Figure

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



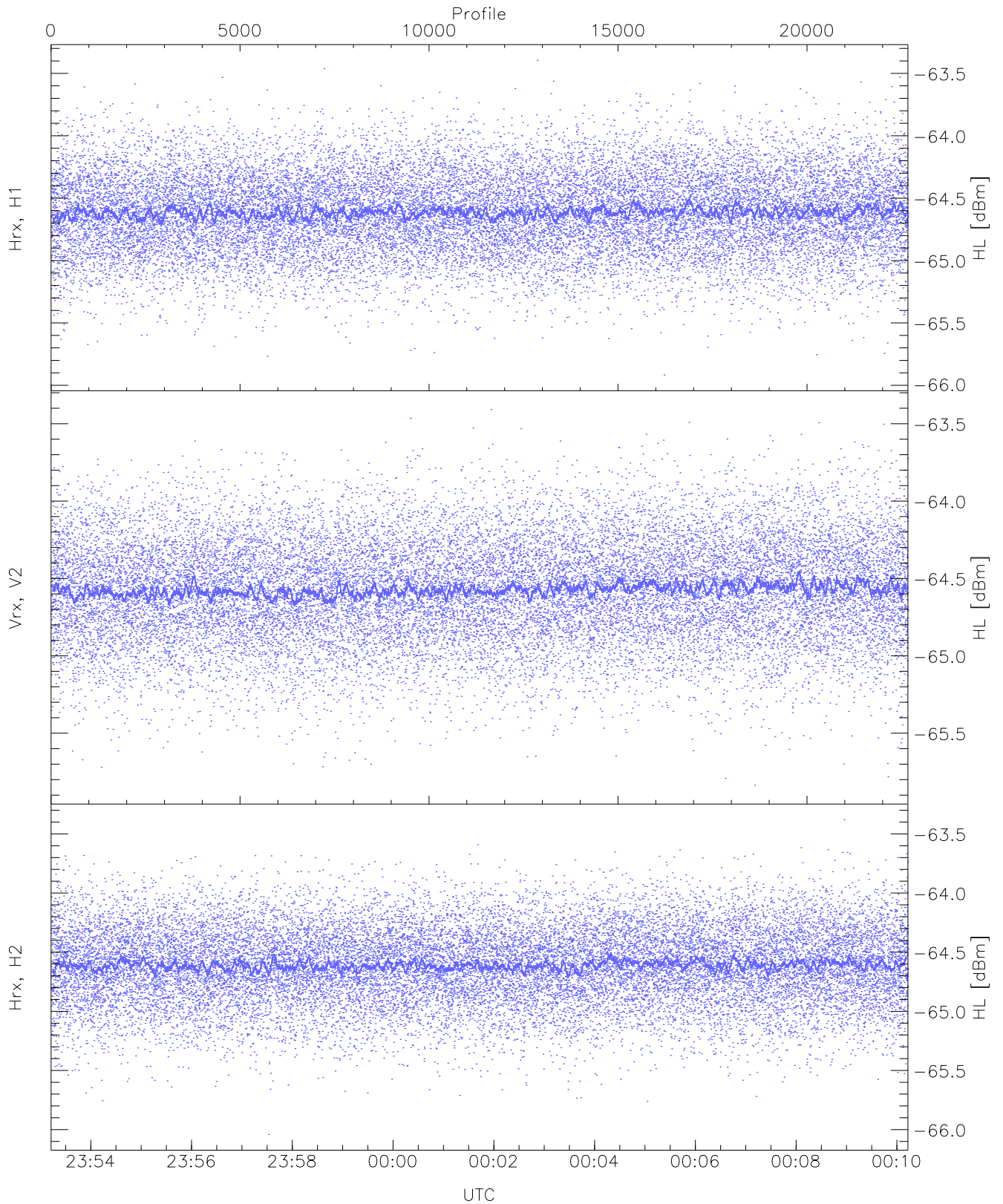
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.17	-65.30	-65.30	-86.65
RMPHrxH1(std_dBm)	-76.02	-74.47	-75.32	-75.32	-89.08
RMPVrxV2(mean_dBm)	-64.99	-64.72	-64.84	-64.84	-86.00
RMPVrxV2(std_dBm)	-75.53	-74.12	-74.86	-74.86	-88.64
RMPHrxH2(mean_dBm)	-64.97	-64.74	-64.85	-64.85	-86.38
RMPHrxH2(std_dBm)	-75.64	-74.15	-74.87	-74.87	-88.66



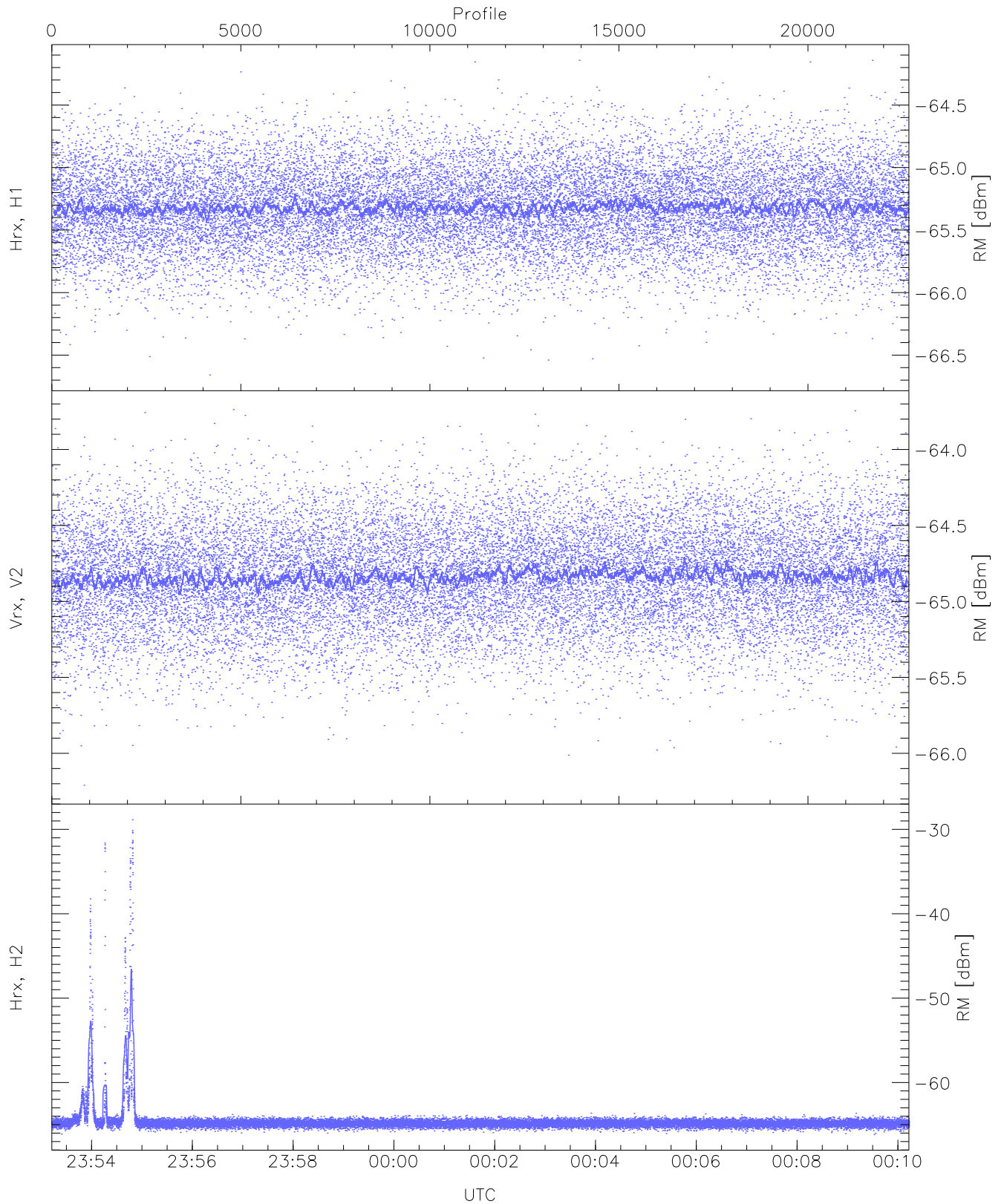
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.09	-63.59	-64.81	-64.82	-76.33
Vrx, V2 (WL [dBm])	-66.10	-63.54	-64.77	-64.78	-76.25
Hrx, H2 (WL [dBm])	-66.12	-63.62	-64.81	-64.82	-76.32



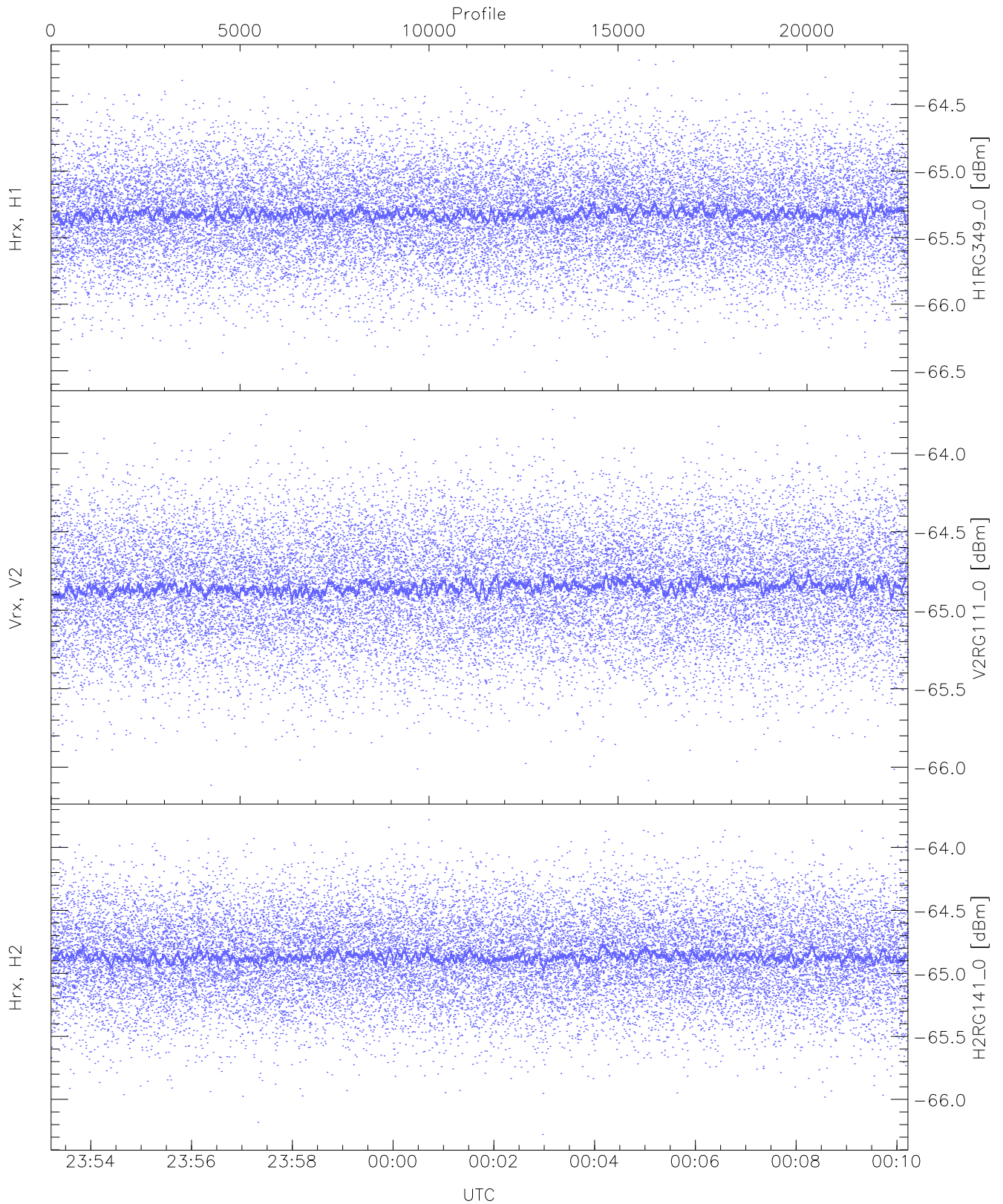
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.92	-63.40	-64.61	-64.62	-76.12
Vrx, V2 (HL [dBm])	-65.84	-63.41	-64.57	-64.57	-76.01
Hrx, H2 (HL [dBm])	-66.04	-63.38	-64.60	-64.61	-76.11



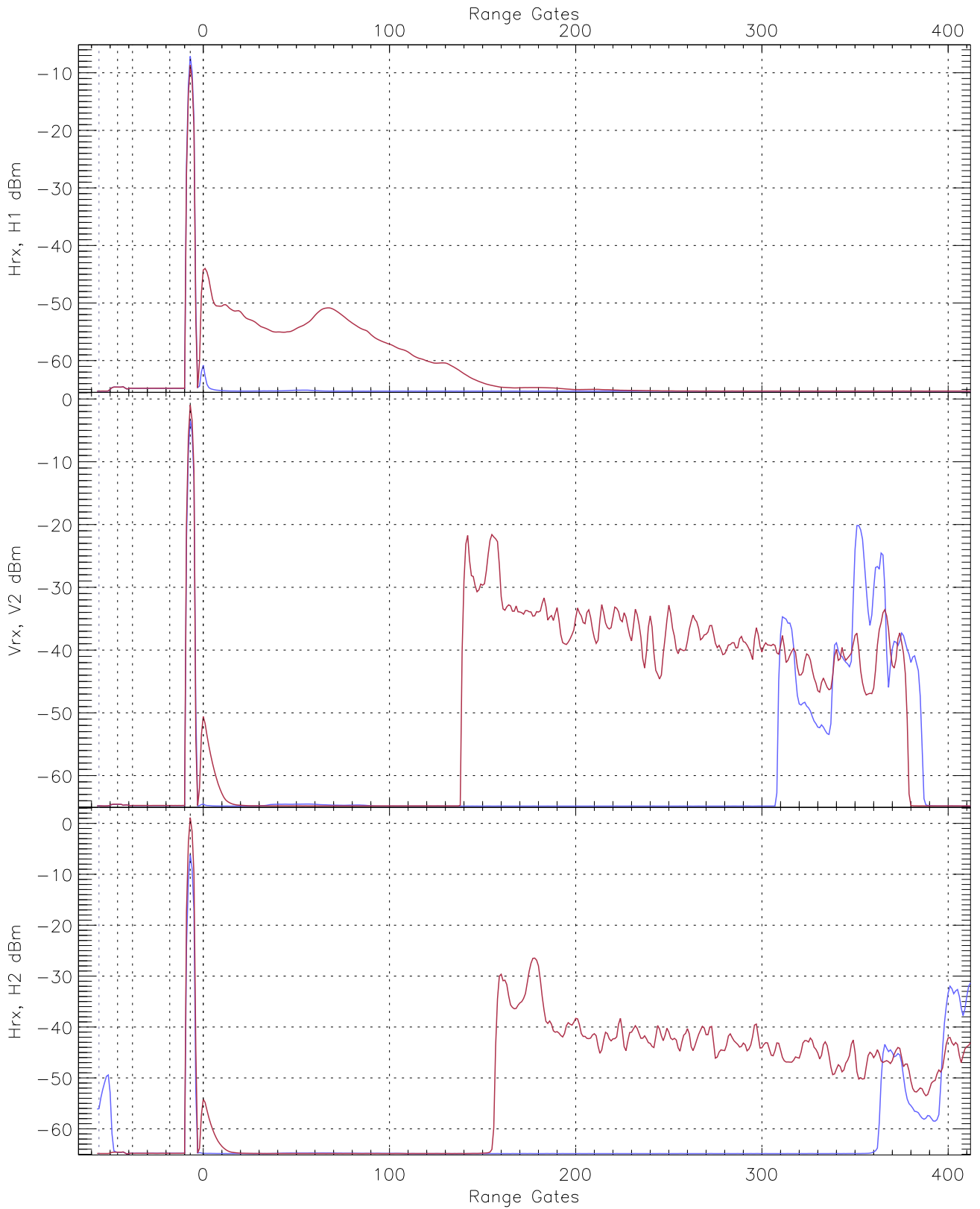
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.66	-64.14	-65.31	-65.32	-76.84
Vrx, V2 (RM [dBm])	-66.21	-63.74	-64.83	-64.84	-76.35
Hrx, H2 (RM [dBm])	-66.16	-28.86	-58.52	-64.83	-46.30

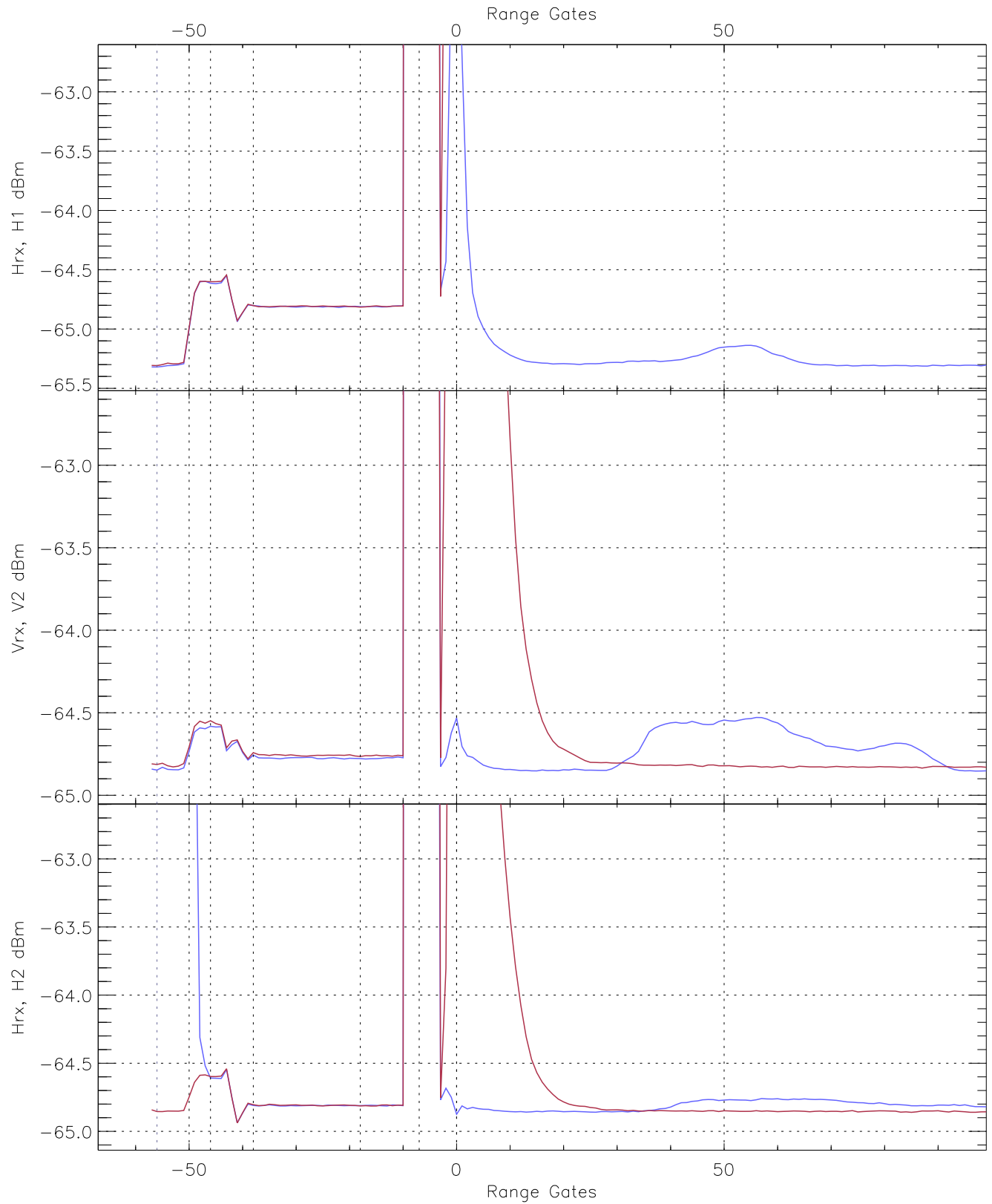


WCR3 CPP "Best" estimate Receivers Noise Power

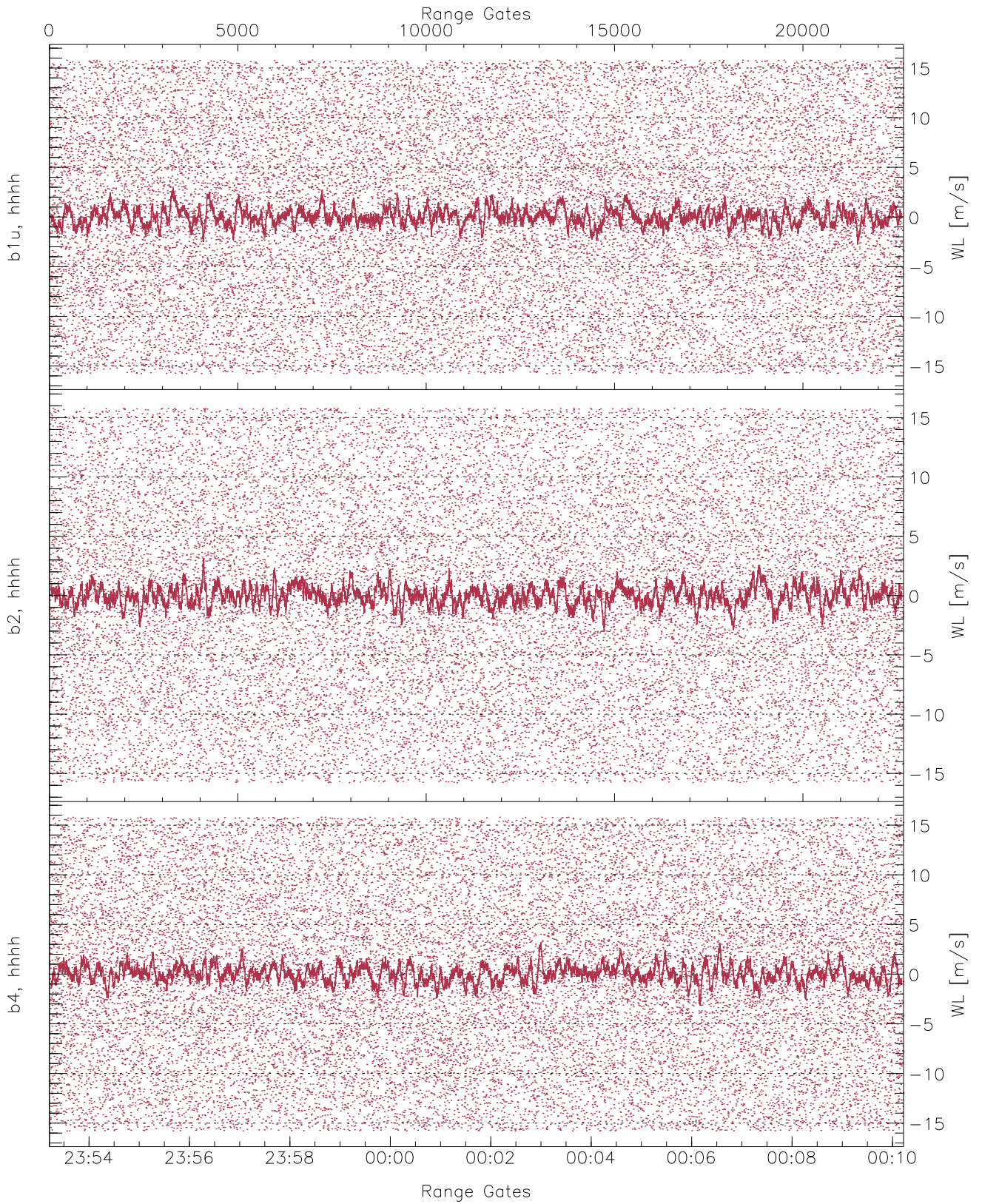
	Min	Max	Mean	Median	StDev
H1RG349_0 [dBm]	-66.53	-64.17	-65.31	-65.32	-76.83
V2RG111_0 [dBm]	-66.12	-63.72	-64.84	-64.85	-76.35
H2RG141_0 [dBm]	-66.28	-63.78	-64.86	-64.87	-76.35



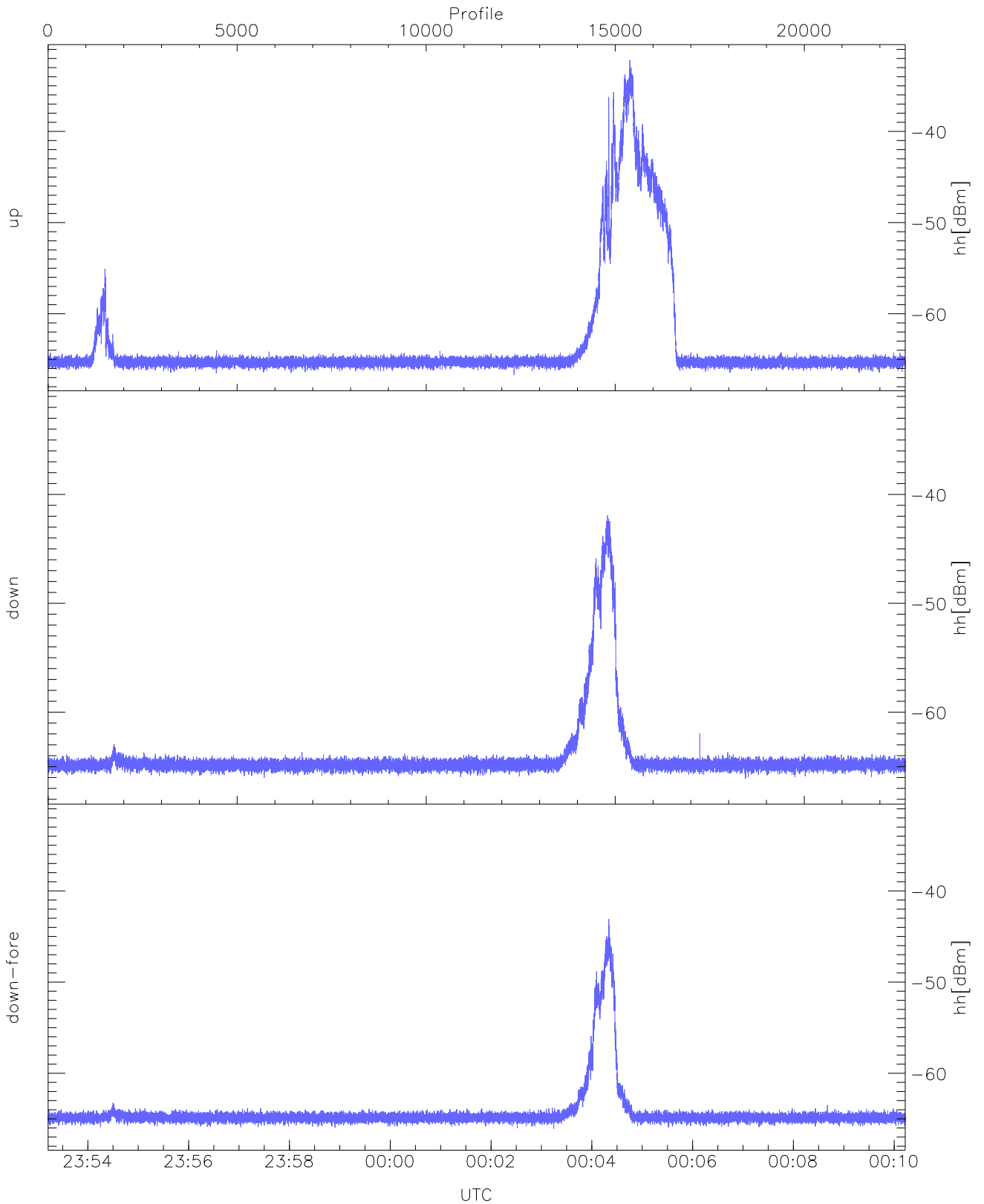
WCR3 CPP Averaged Received power for all recorded gates
blue: 235313-240143, 11337 profiles averaged
red: 240143-001013, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 235313-240143, 11337 profiles averaged
red: 240143-001013, 11336 profiles averaged

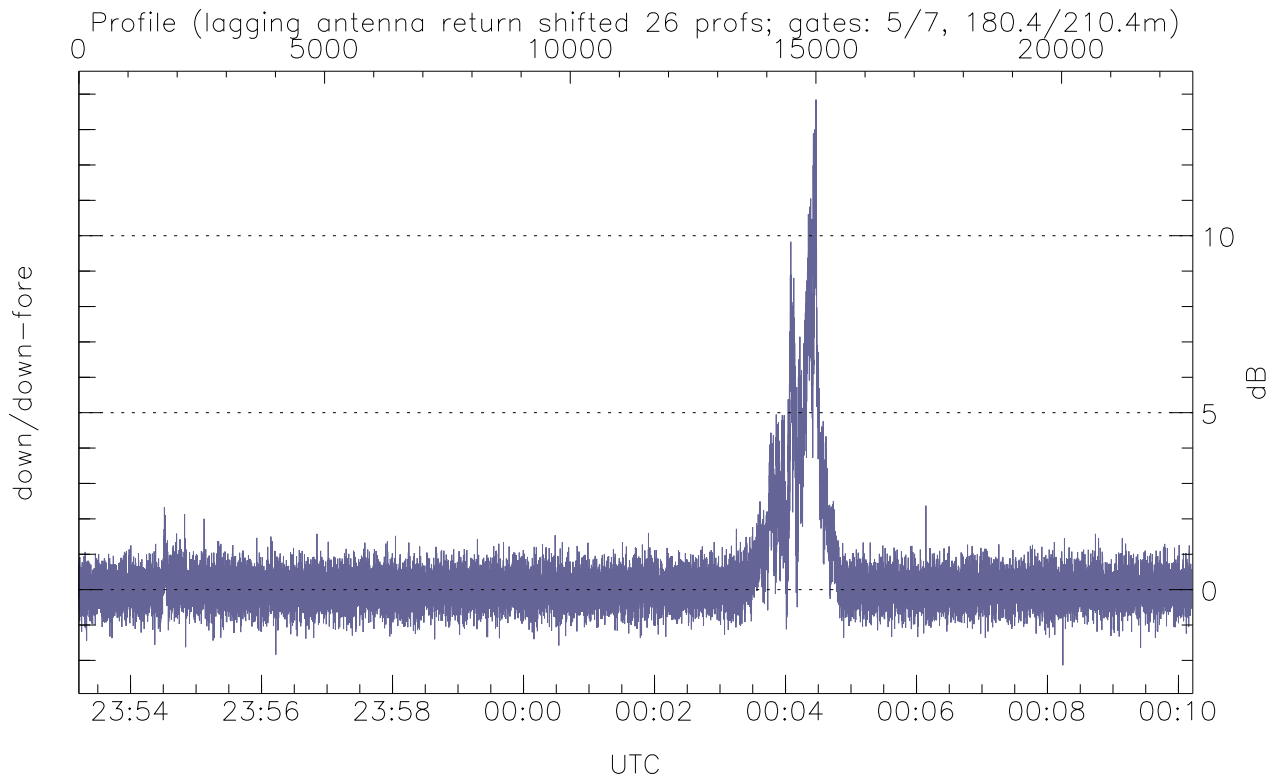
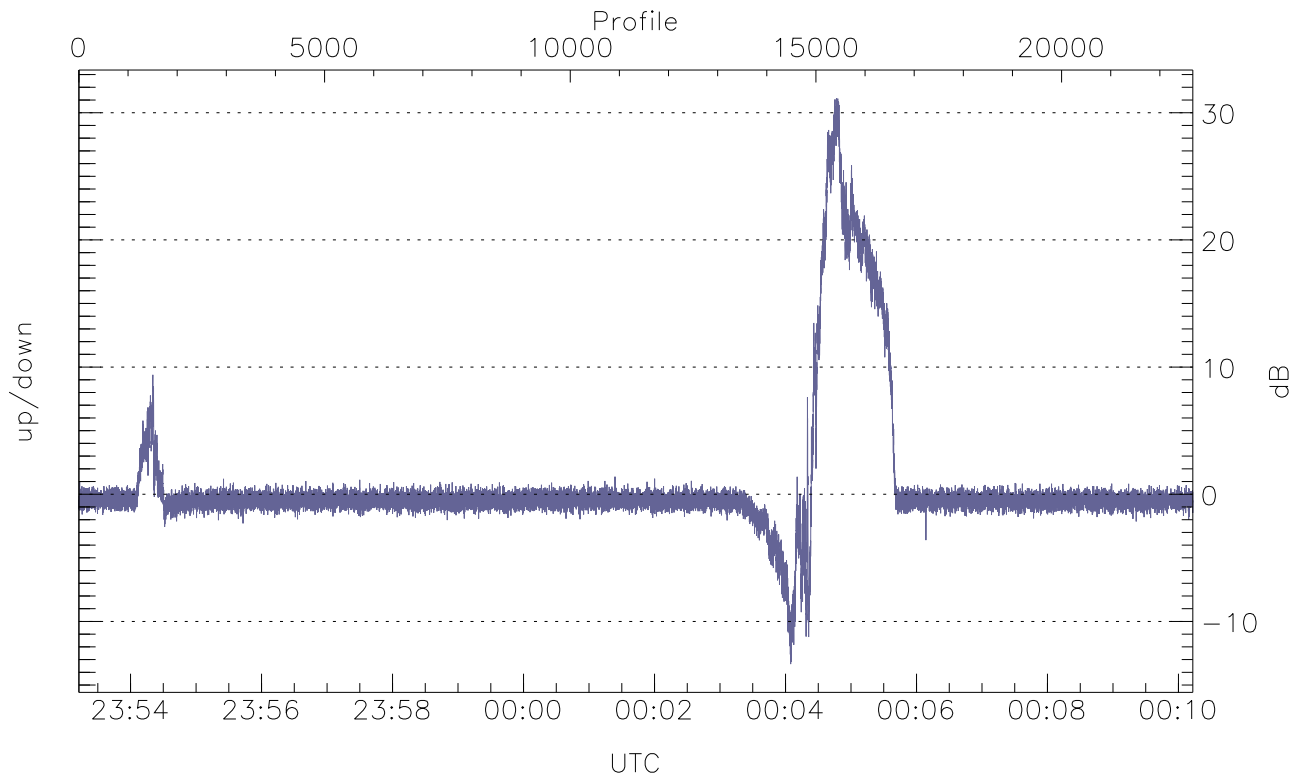


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



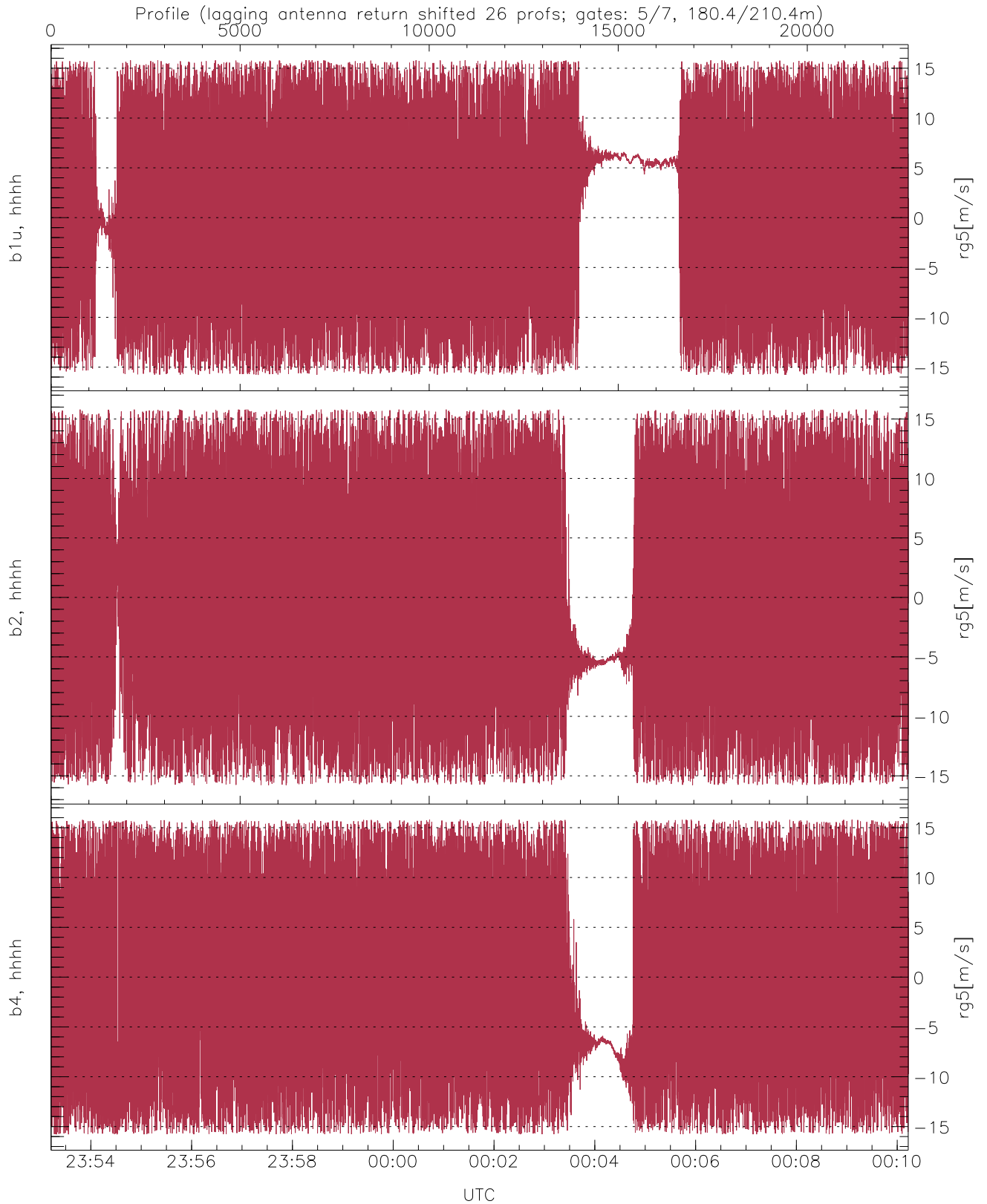
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.71	-32.20	-52.19
down(hh[dBm])	-66.10	-41.93	-60.24
down-fore(hh[dBm])	-66.10	-43.09	-61.83



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

	Min	Max	Mean
up/down (dB)	-13.35	31.13	0.79
down/down-fore (dB)	-2.14	13.85	0.29



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.66	8.12
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.48	8.19
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.66	8.63