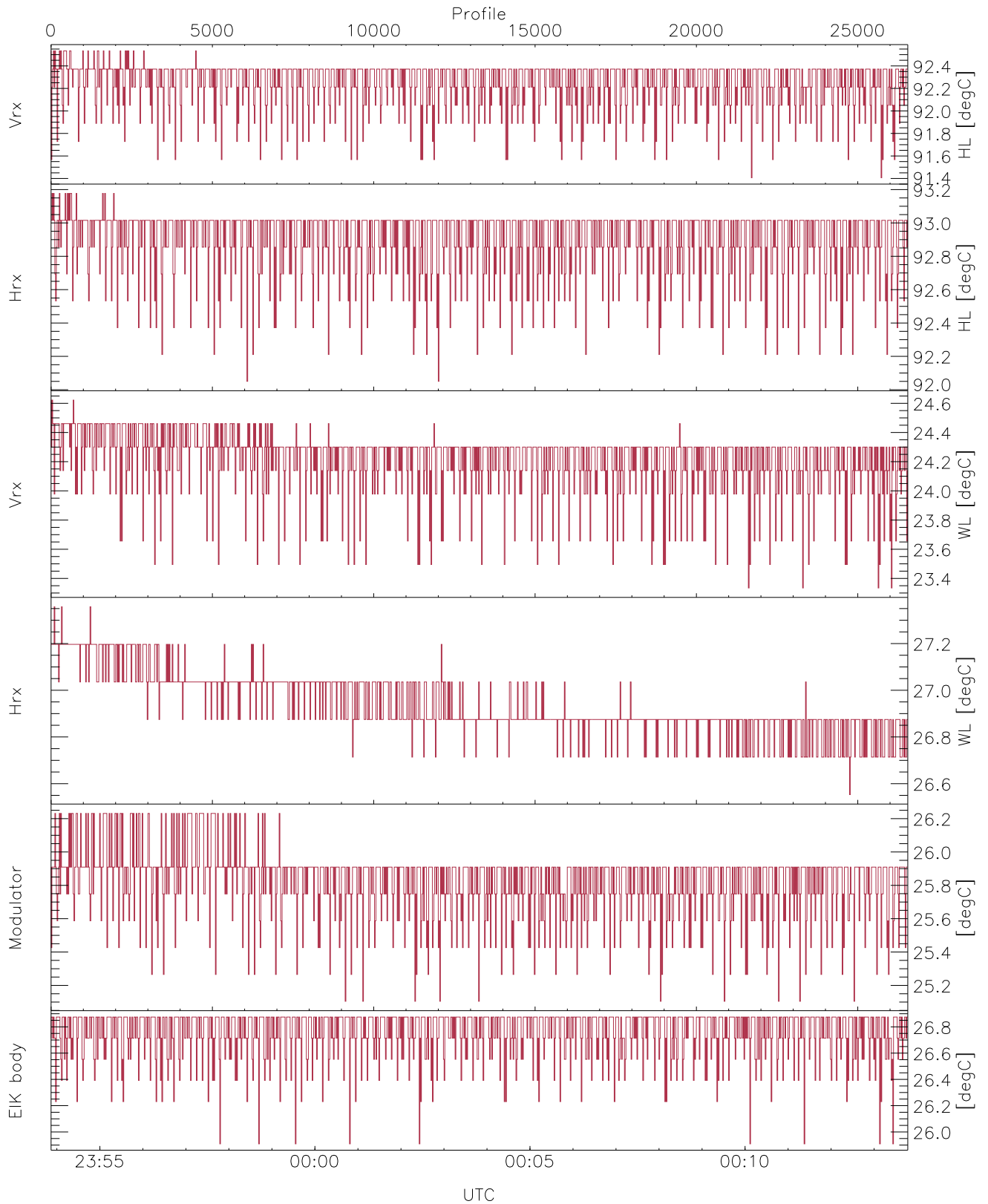


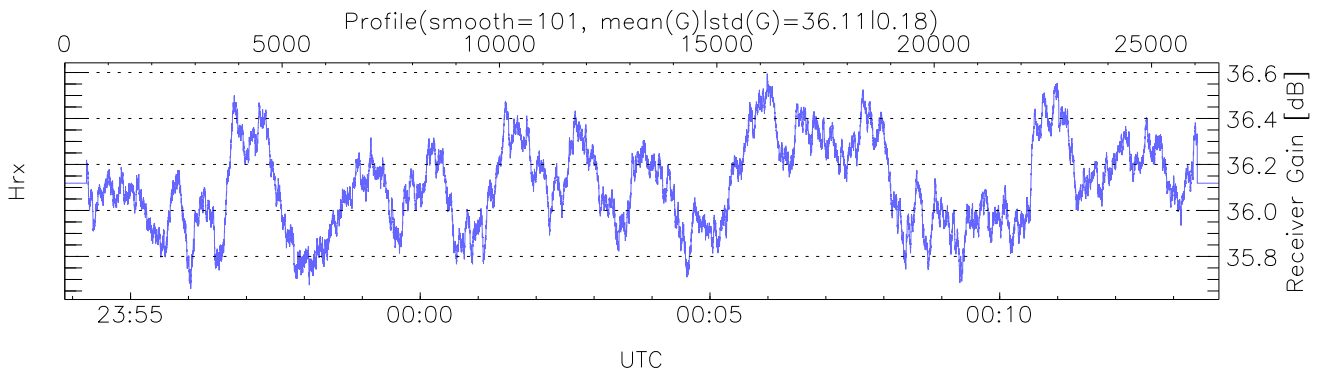
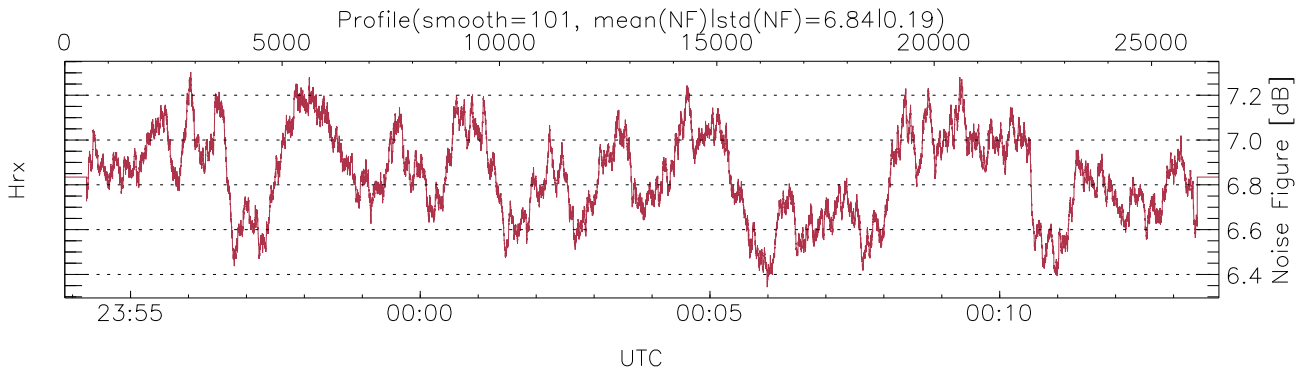
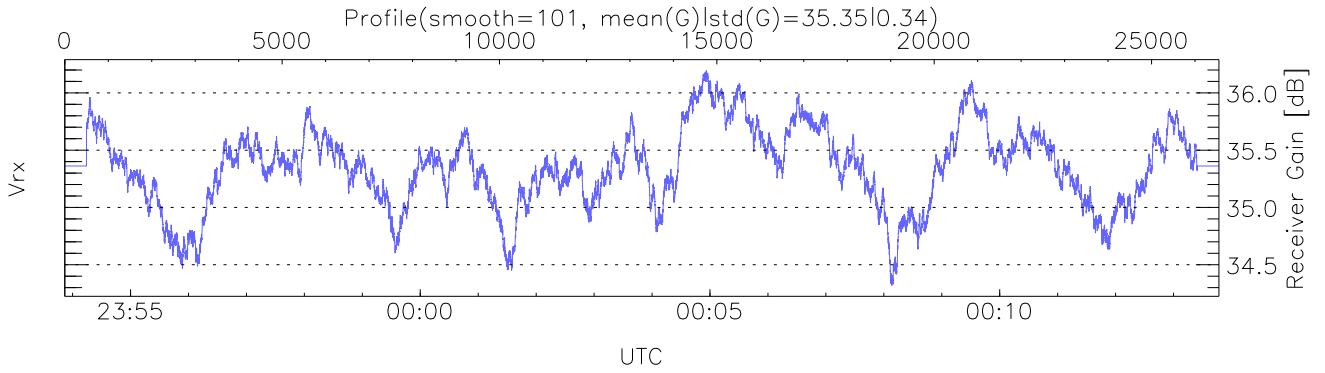
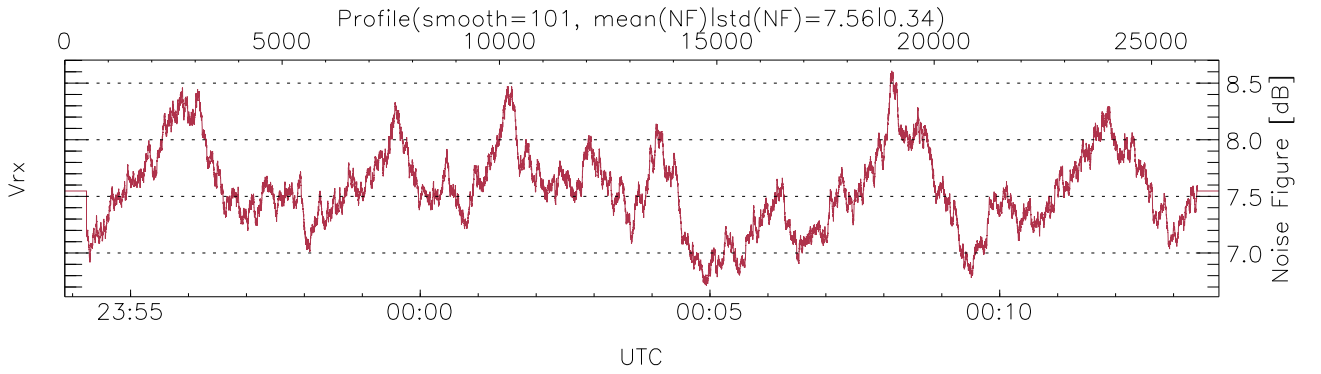
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:53:52-00:13:47, TimeCor: 0.00s, Dur: 1195.09s
 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): 26552/26552, 0-26551/23:53:52-00:13:47
 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



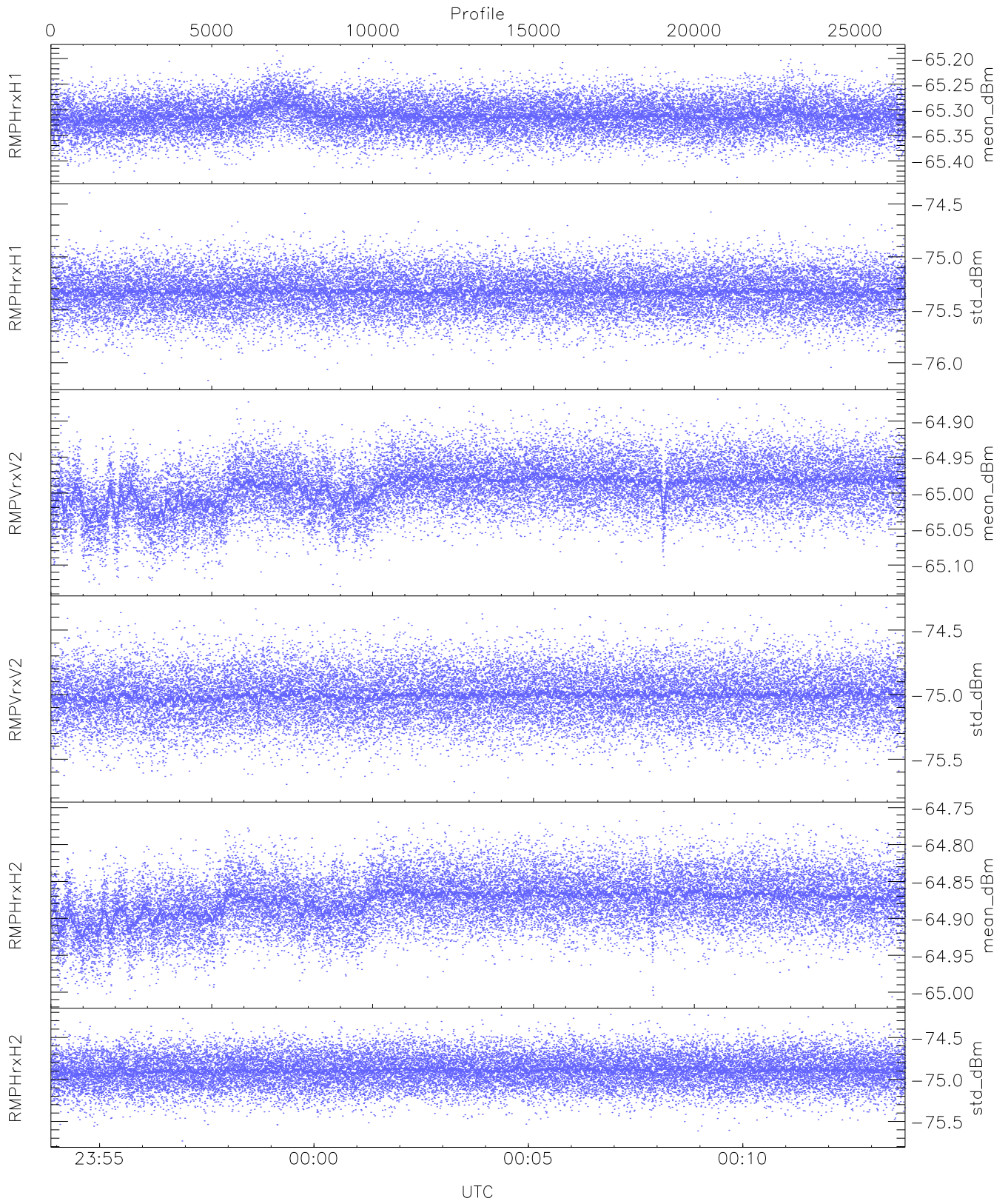
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,26,26
LOalarm(20,240,2817,14861 MHz): 0,0,68,0
EIK/Modulator Faults: None



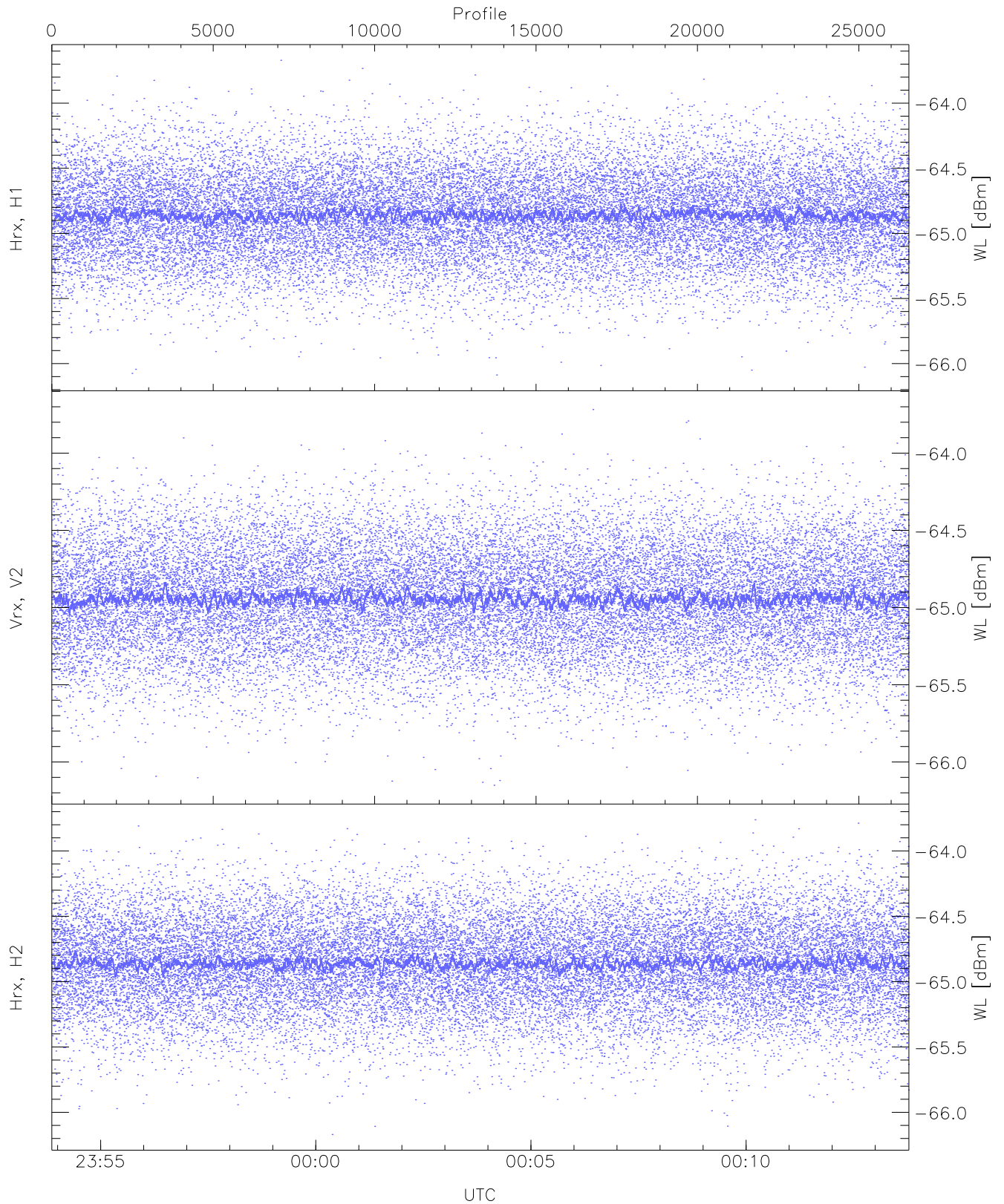
WCR3 CPP Receivers Gain and Noise Figure

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



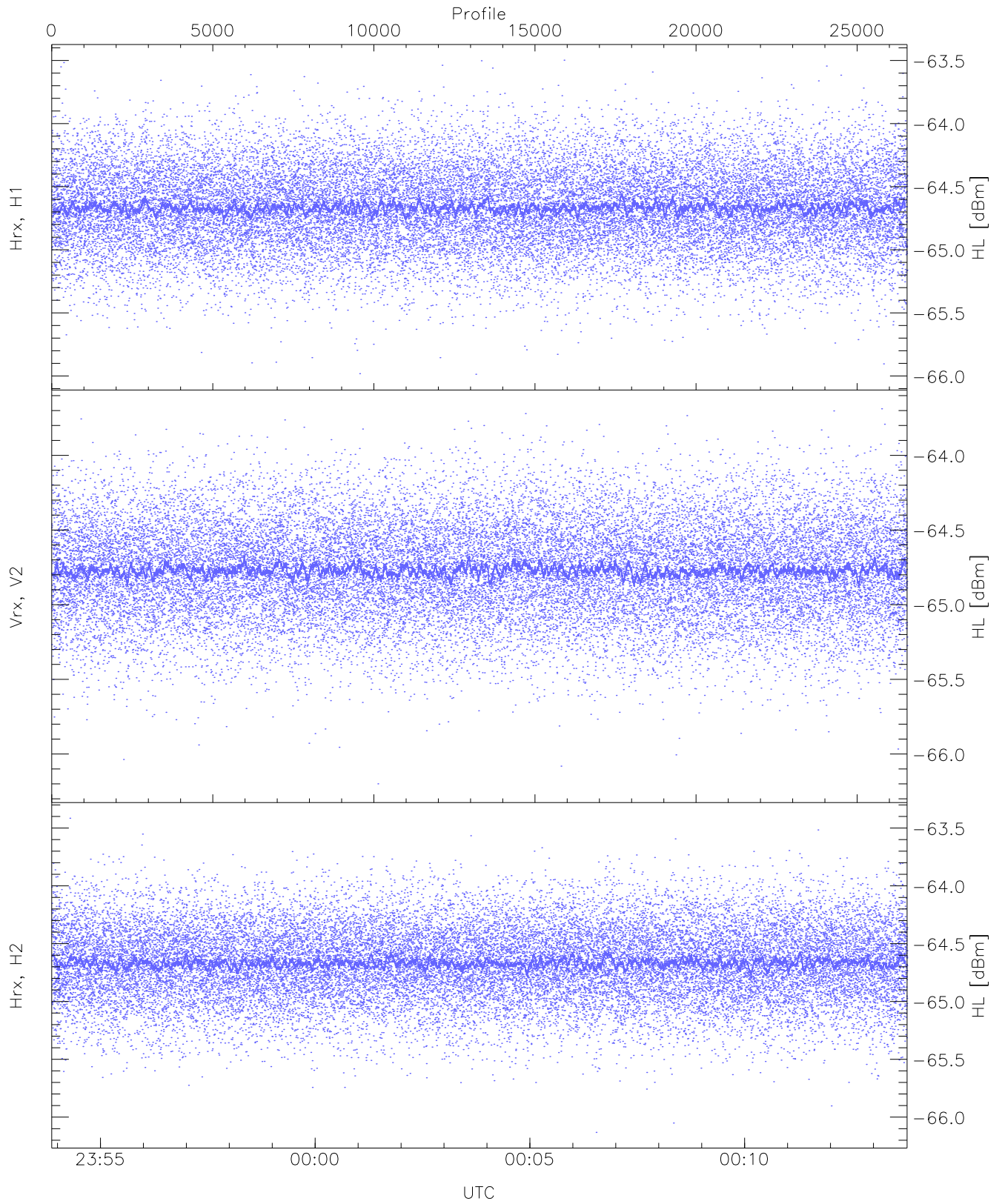
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.18	-65.31	-65.31	-86.81
RMPHrxH1(std_dBm)	-76.17	-74.40	-75.33	-75.33	-89.10
RMPVrxV2(mean_dBm)	-65.13	-64.87	-64.99	-64.99	-86.03
RMPVrxV2(std_dBm)	-75.76	-74.31	-75.01	-75.01	-88.80
RMPHrxH2(mean_dBm)	-65.01	-64.76	-64.88	-64.88	-86.03
RMPHrxH2(std_dBm)	-75.73	-74.23	-74.89	-74.89	-88.65



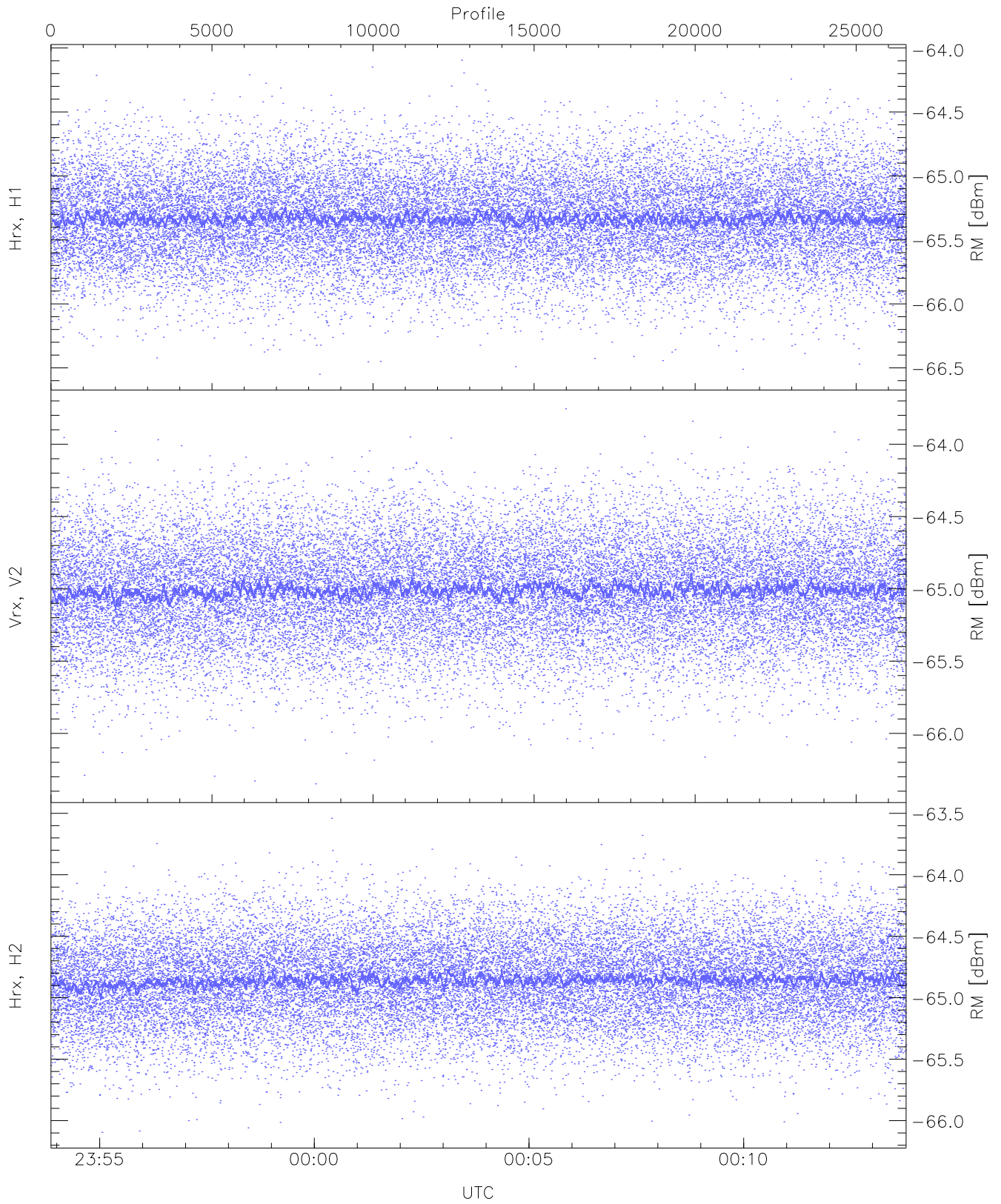
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.09	-63.67	-64.85	-64.86	-76.37
Vrx, V2 (WL [dBm])	-66.15	-63.72	-64.94	-64.94	-76.45
Hrx, H2 (WL [dBm])	-66.17	-63.76	-64.85	-64.86	-76.33



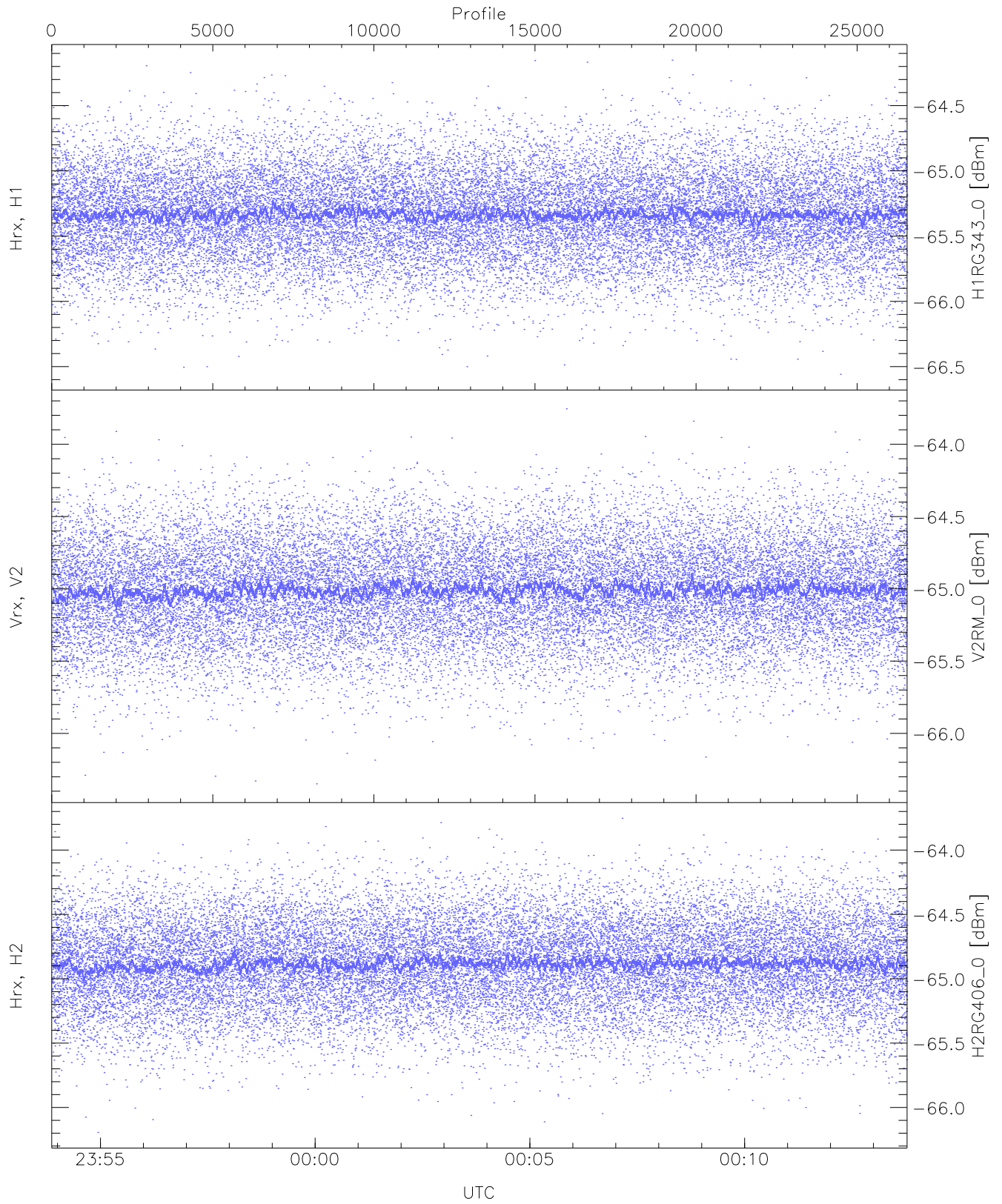
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.99	-63.50	-64.66	-64.67	-76.16
Vrx, V2 (HL [dBm])	-66.20	-63.69	-64.76	-64.77	-76.32
Hrx, H2 (HL [dBm])	-66.13	-63.42	-64.66	-64.67	-76.18



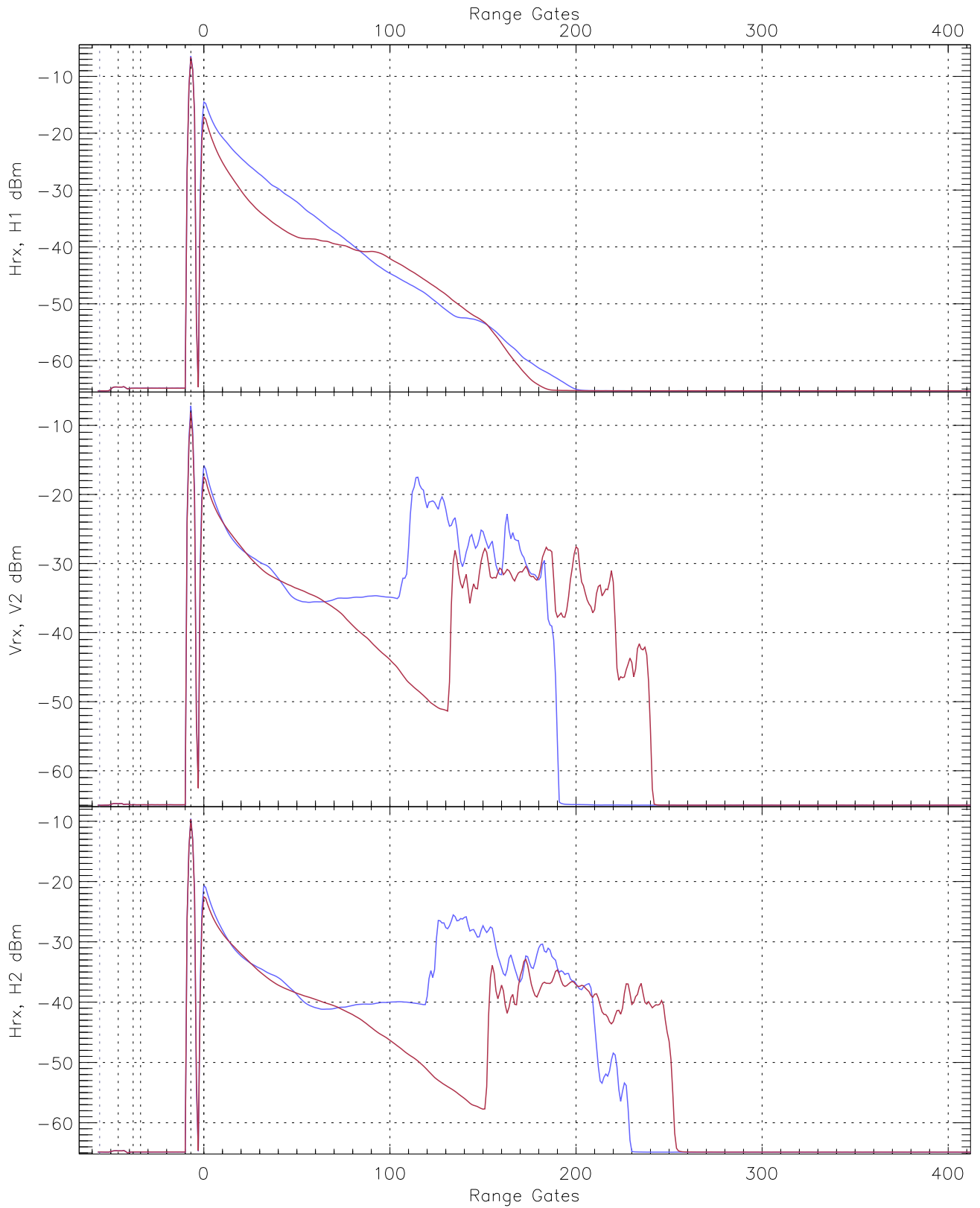
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.55	-64.10	-65.33	-65.34	-76.84
Vrx, V2 (RM [dBm])	-66.35	-63.75	-65.00	-65.01	-76.49
Hrx, H2 (RM [dBm])	-66.10	-63.54	-64.85	-64.86	-76.34

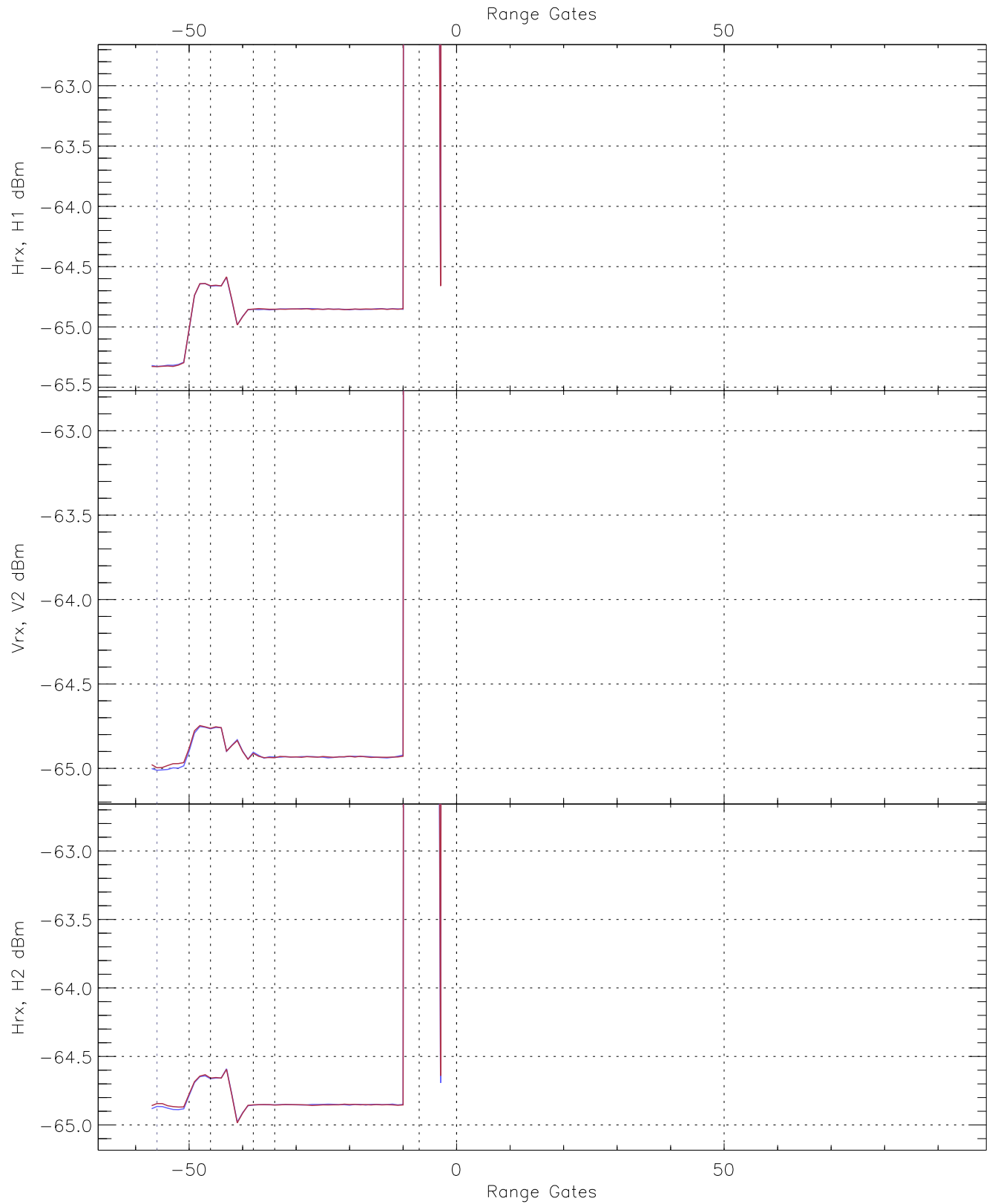


WCR3 CPP "Best" estimate Receivers Noise Power

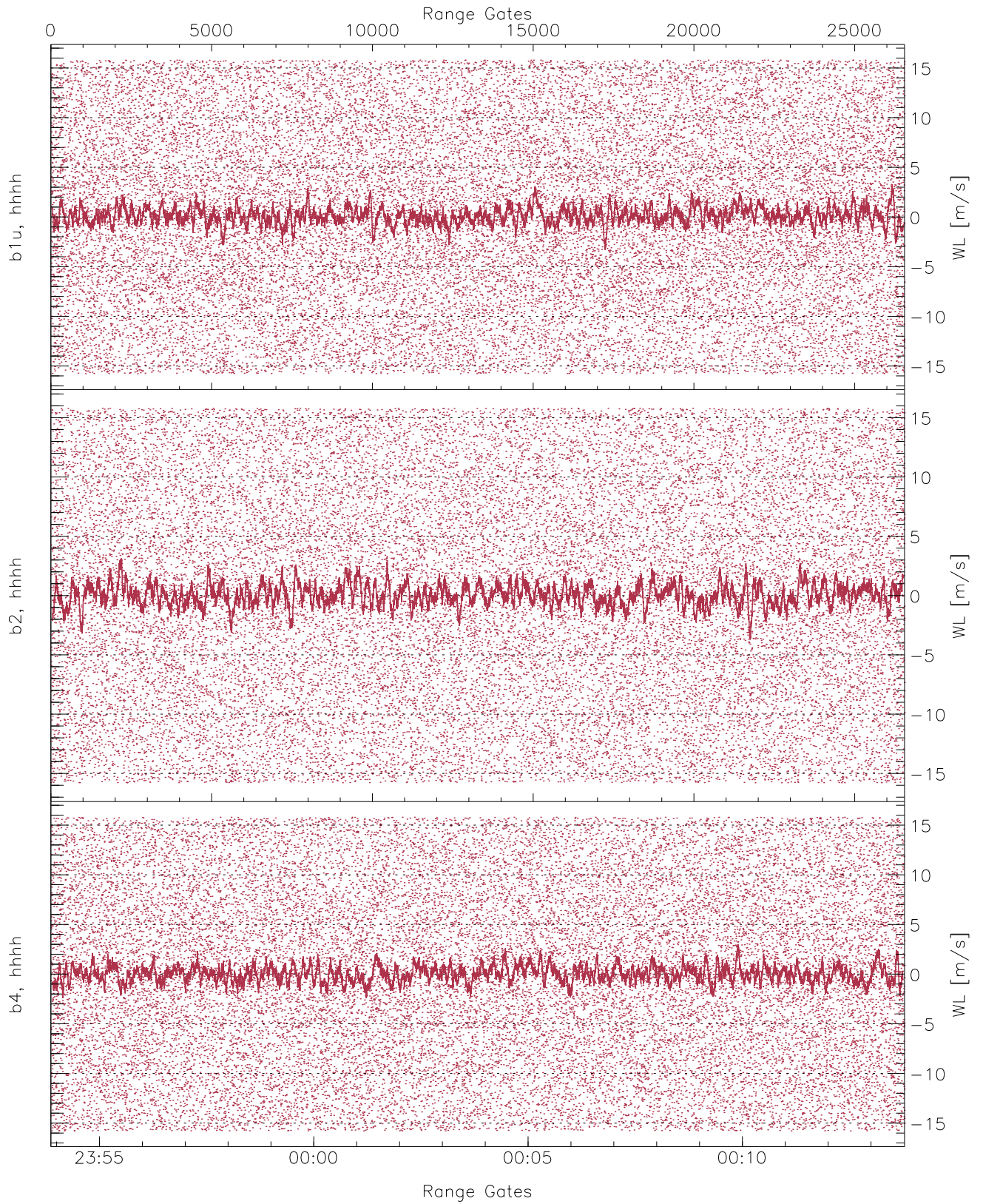
	Min	Max	Mean	Median	StDev
H1RG343_0 [dBm]	-66.56	-64.15	-65.33	-65.34	-76.81
V2RM_0 [dBm]	-66.35	-63.75	-65.00	-65.01	-76.49
H2RG406_0 [dBm]	-66.19	-63.75	-64.88	-64.88	-76.38



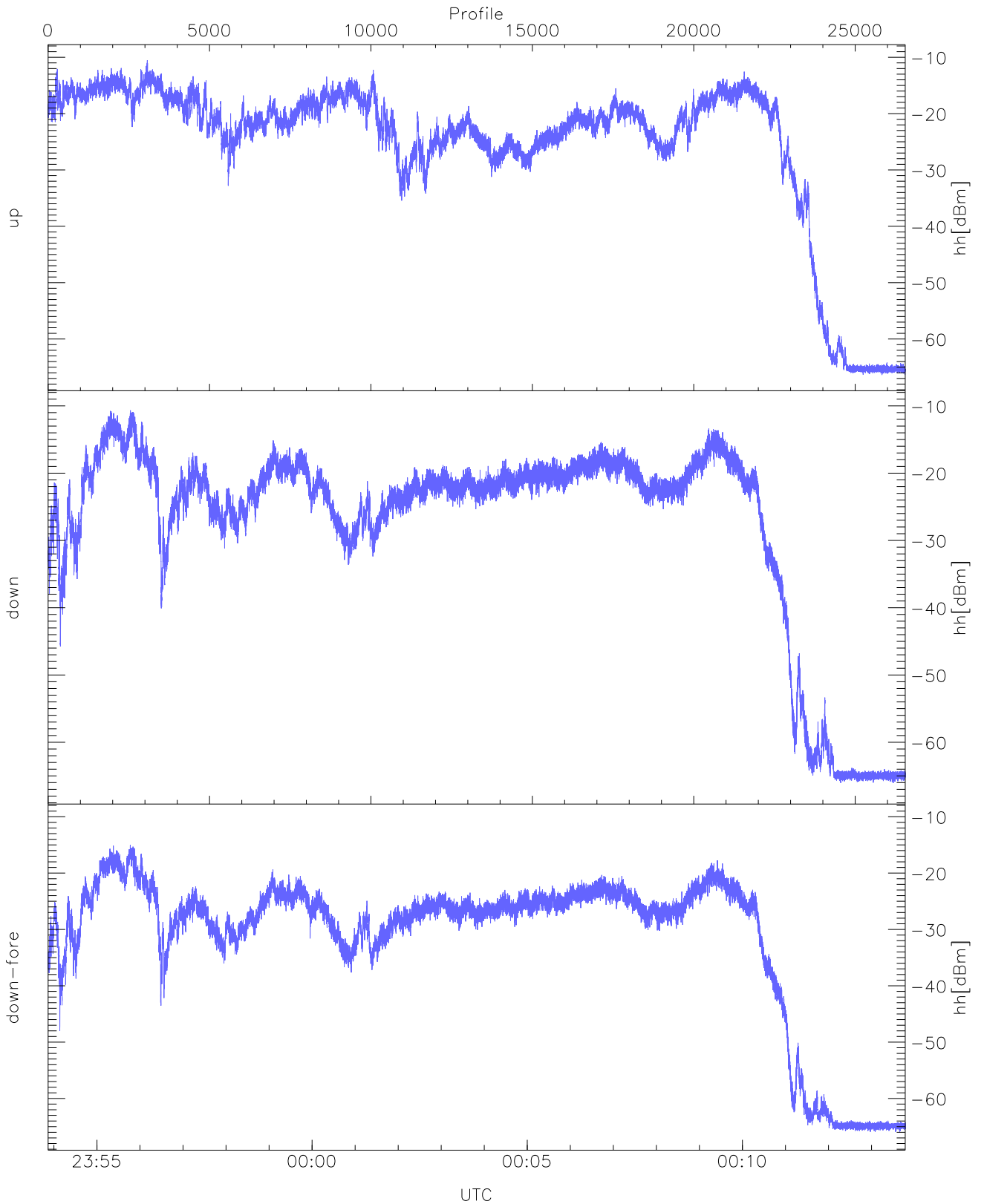
WCR3 CPP Averaged Received power for all recorded gates
blue: 235352-240349, 13277 profiles averaged
red: 240349-001347, 13276 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 235352-240349, 13277 profiles averaged
red: 240349-001347, 13276 profiles averaged

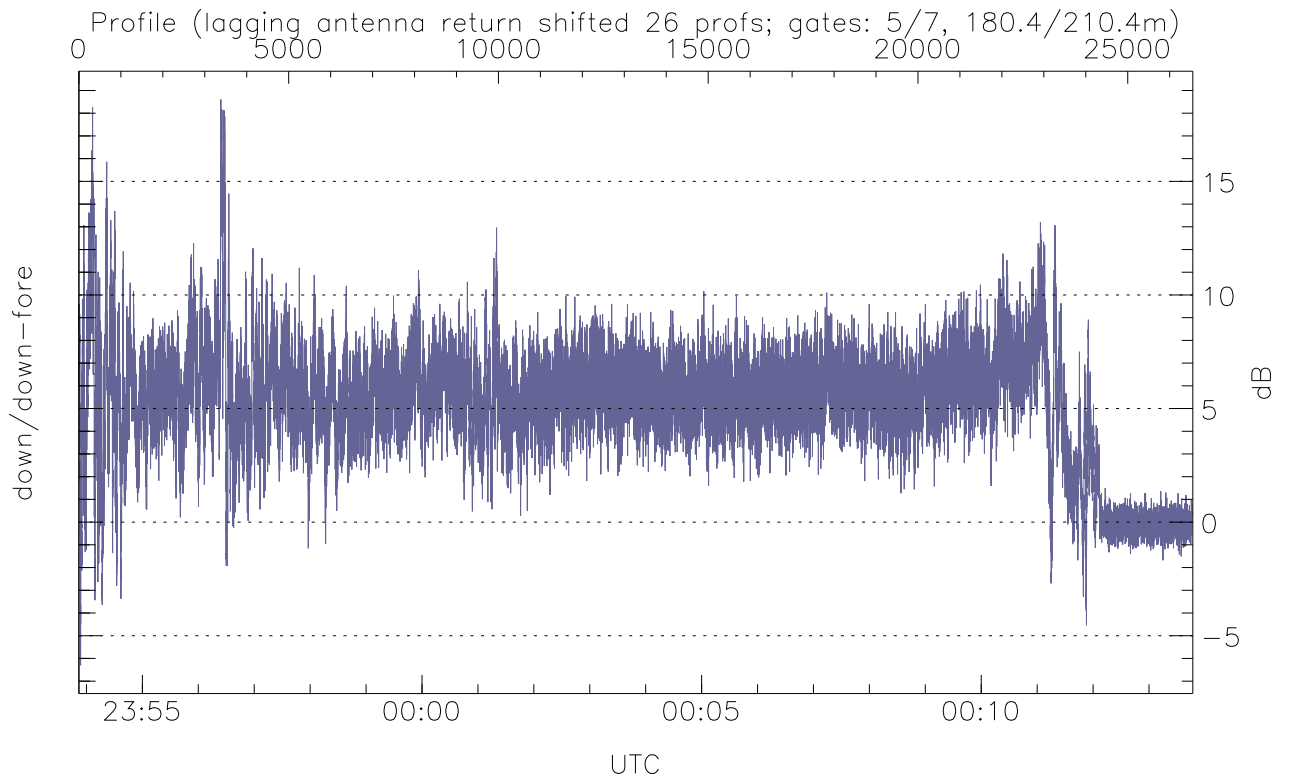
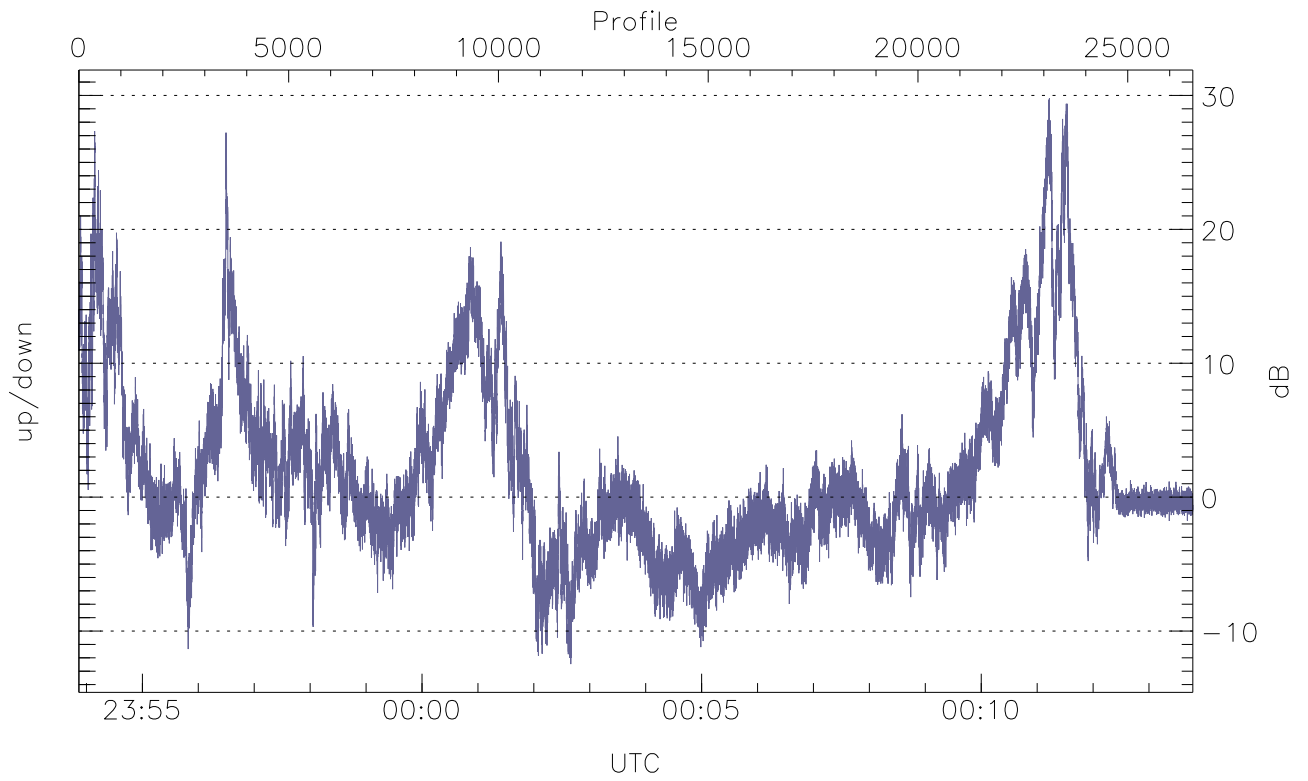


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



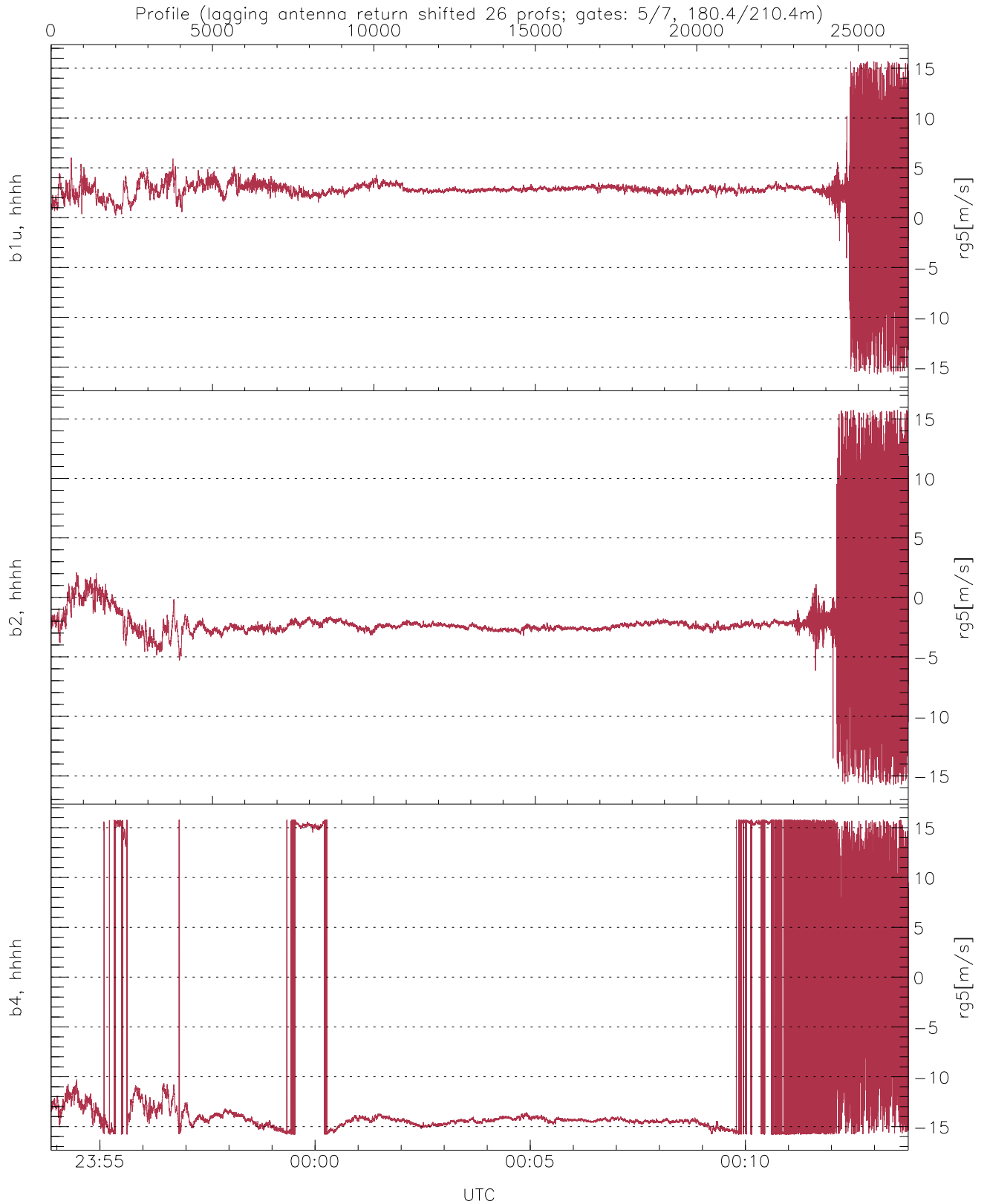
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.39	-10.54	-19.55
down(hh[dBm])	-66.04	-10.66	-20.81
down-fore(hh[dBm])	-65.91	-15.01	-25.35



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

	Min	Max	Mean
up/down (dB)	-12.47	29.79	2.04
down/down-fore (dB)	-6.30	18.60	5.25



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.73	15.71	2.69	2.33
b2, hhhh(rg5[m/s])	-15.77	15.76	-2.09	2.65
b4, hhhh(rg5[m/s])	-15.79	15.79	-9.67	10.21