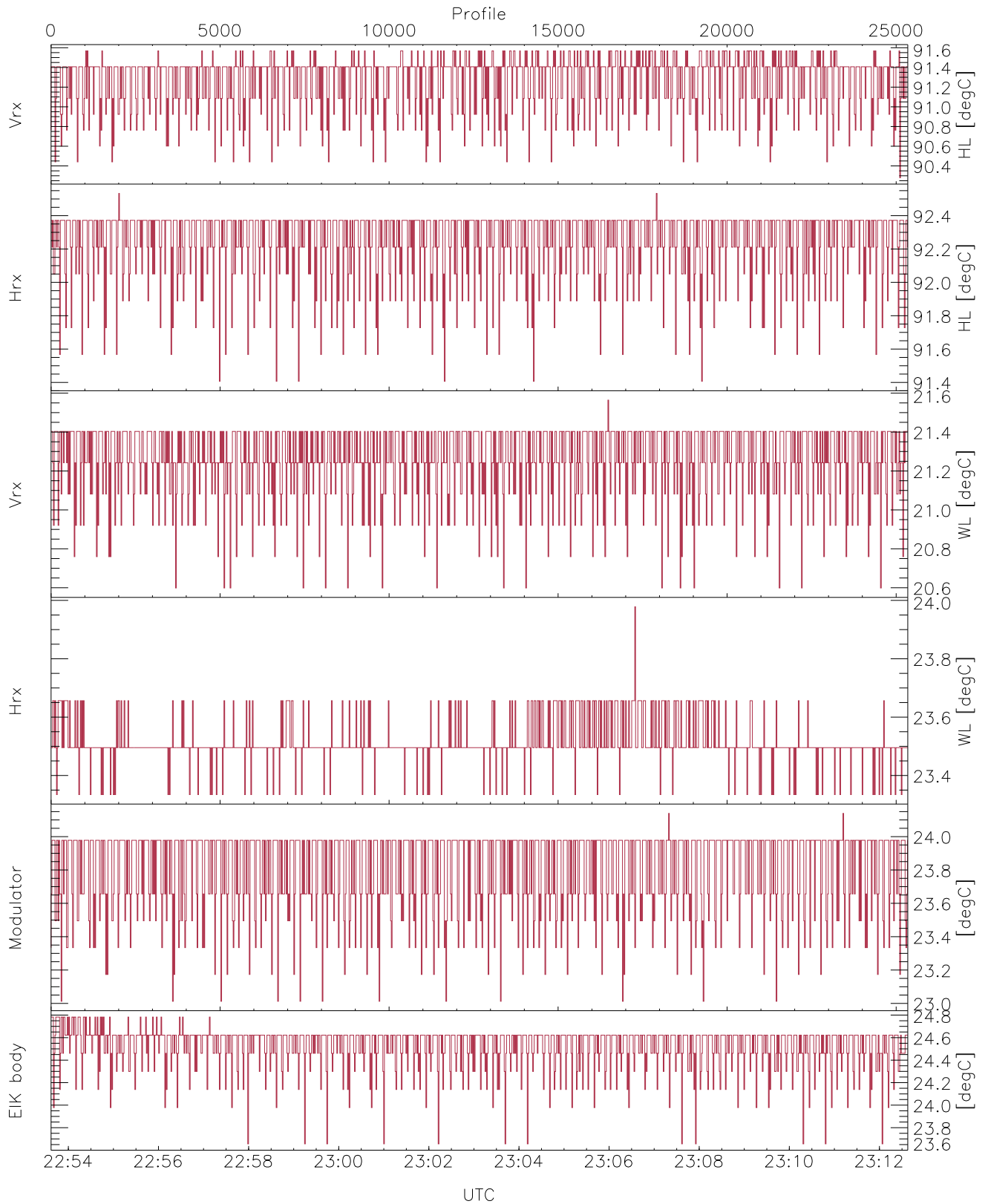


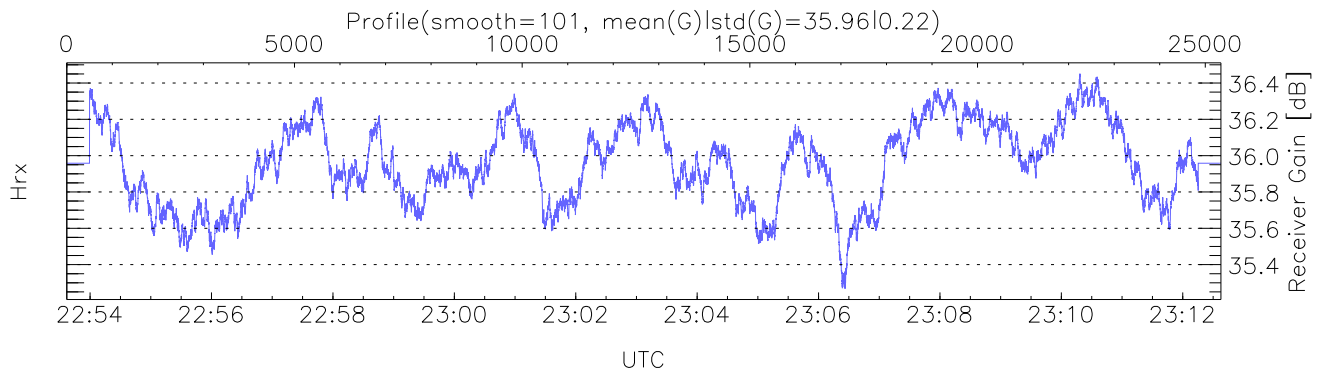
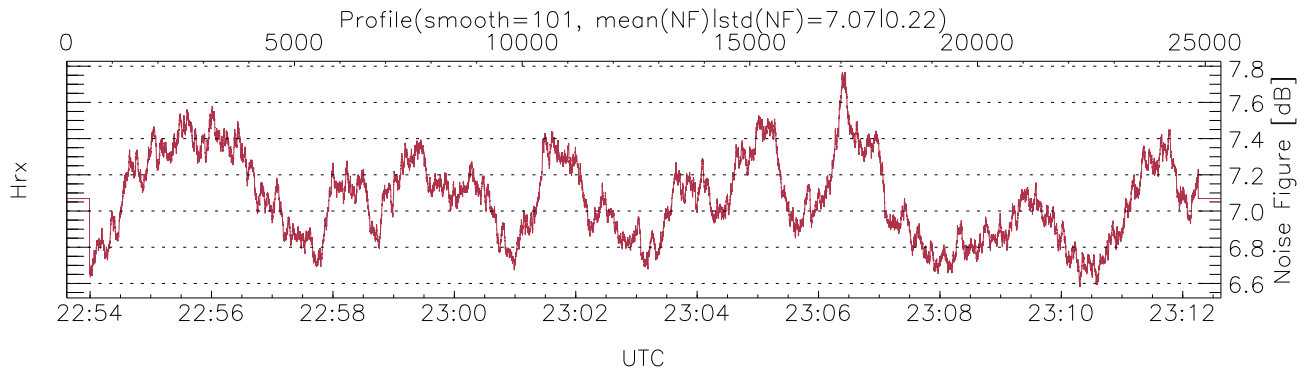
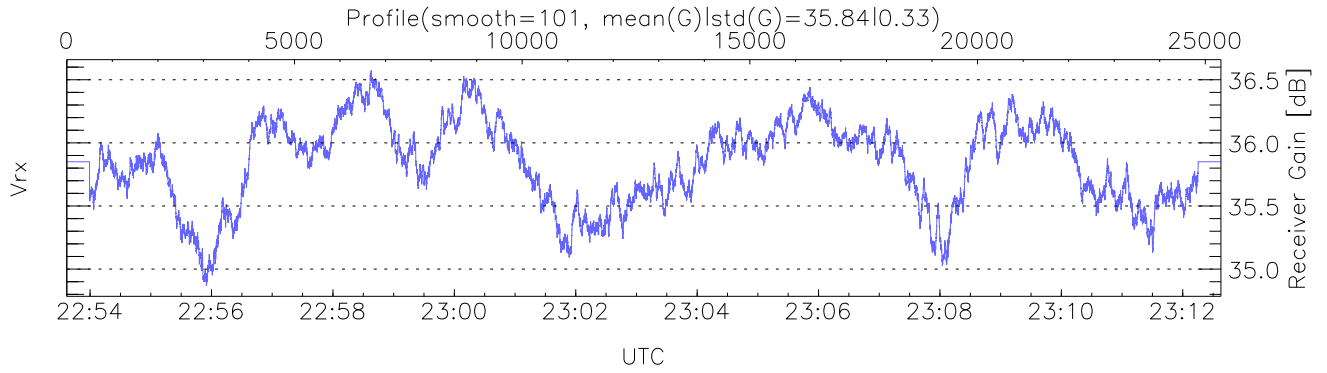
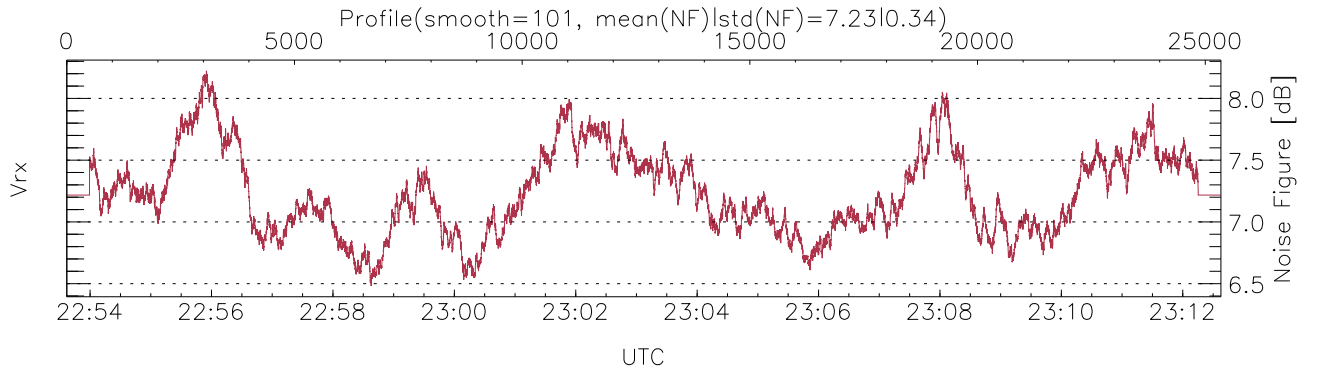
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:53:37-23:12:38, TimeCor: 0.00s, Dur: 1140.81s
 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): 25346/25346, 0-25345/22:53:37-23:12:38
 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



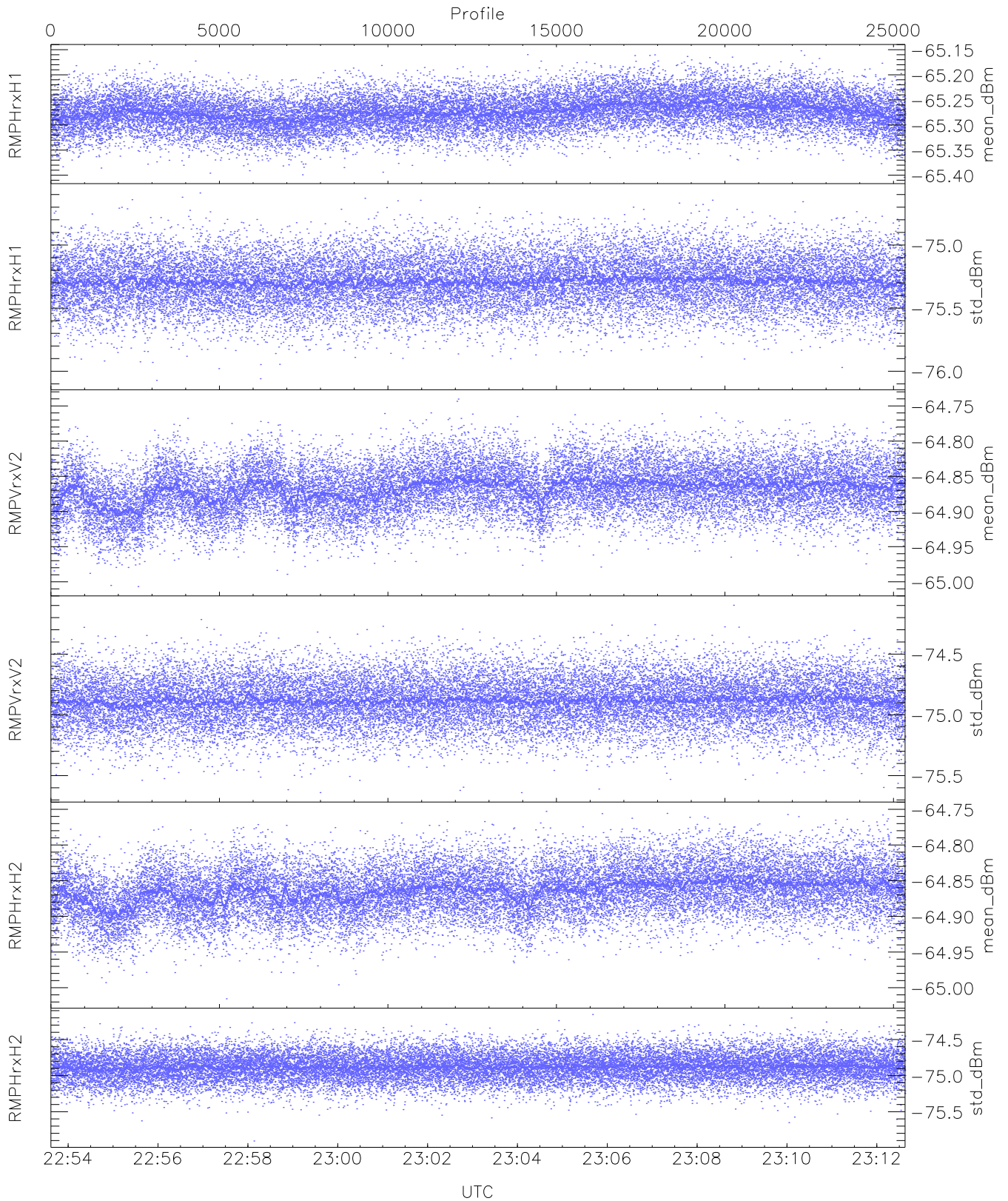
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,20,23,23,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,21,23,24,24
LOalarm(20,240,2817,14861 MHz): 0,0,112,0
EIK/Modulator Faults: None



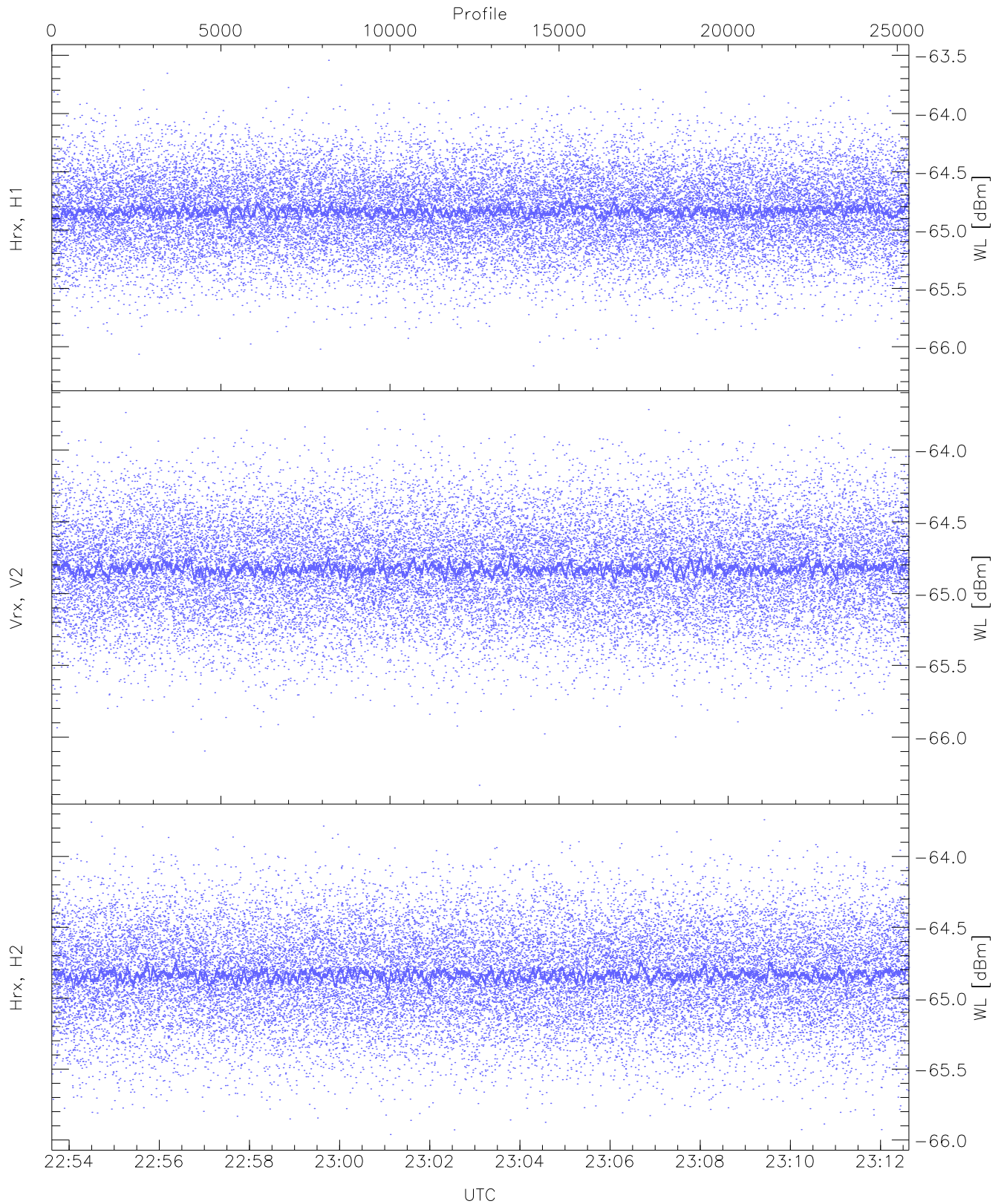
WCR3 CPP Receivers Gain and Noise Figure

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



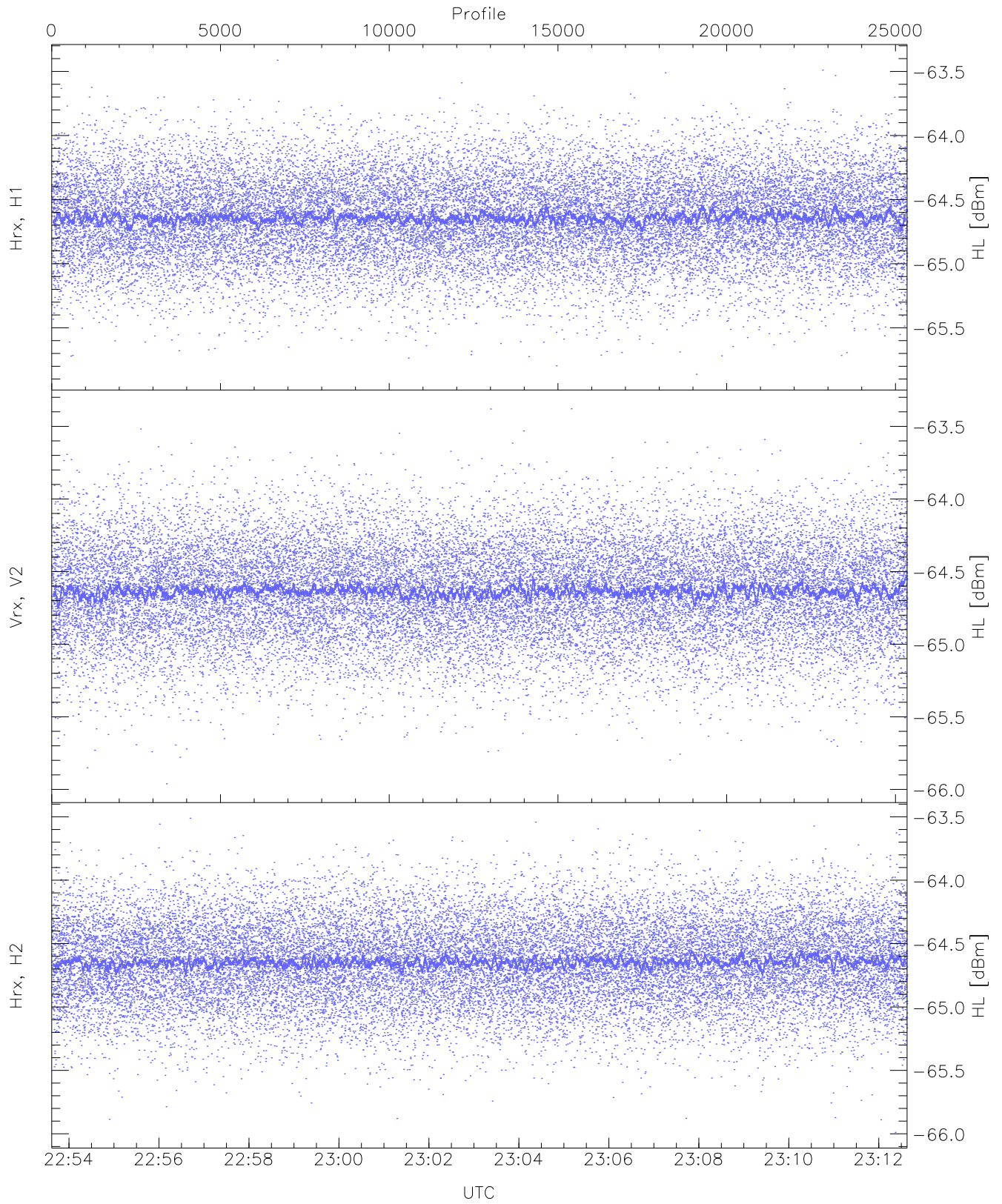
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.40	-65.15	-65.27	-65.27	-86.60
RMPHrxH1(std_dBm)	-76.07	-74.59	-75.29	-75.29	-89.07
RMPVrxV2(mean_dBm)	-65.01	-64.74	-64.87	-64.87	-86.11
RMPVrxV2(std_dBm)	-75.64	-74.10	-74.88	-74.89	-88.66
RMPHrxH2(mean_dBm)	-65.02	-64.75	-64.86	-64.86	-86.20
RMPHrxH2(std_dBm)	-75.91	-74.15	-74.88	-74.88	-88.68



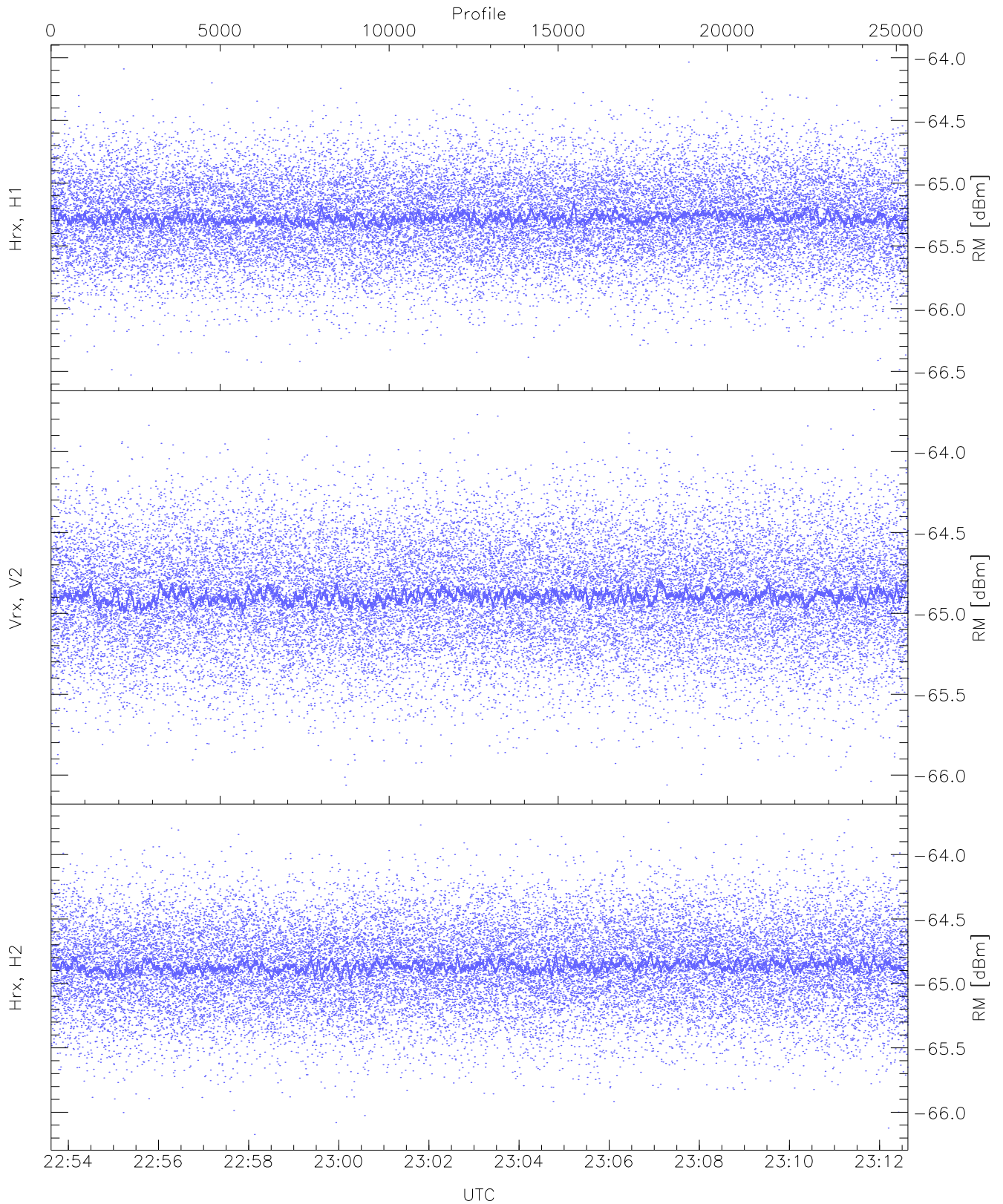
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.54	-64.83	-64.84	-76.34
Vrx, V2 (WL [dBm])	-66.34	-63.72	-64.82	-64.83	-76.29
Hrx, H2 (WL [dBm])	-65.96	-63.74	-64.83	-64.84	-76.39



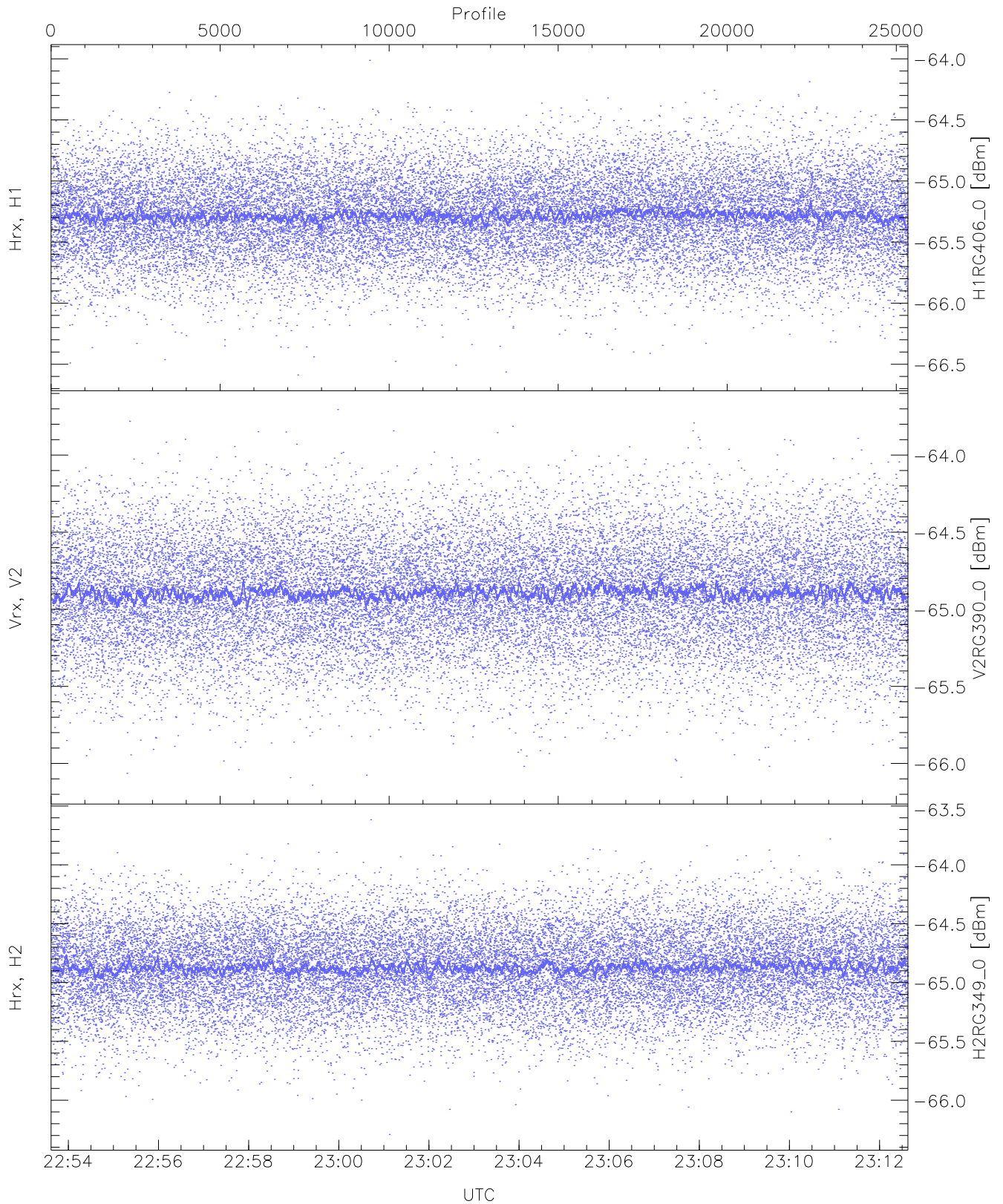
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.86	-63.41	-64.63	-64.64	-76.17
Vrx, V2 (HL [dBm])	-65.96	-63.38	-64.63	-64.63	-76.16
Hrx, H2 (HL [dBm])	-65.99	-63.51	-64.64	-64.65	-76.16



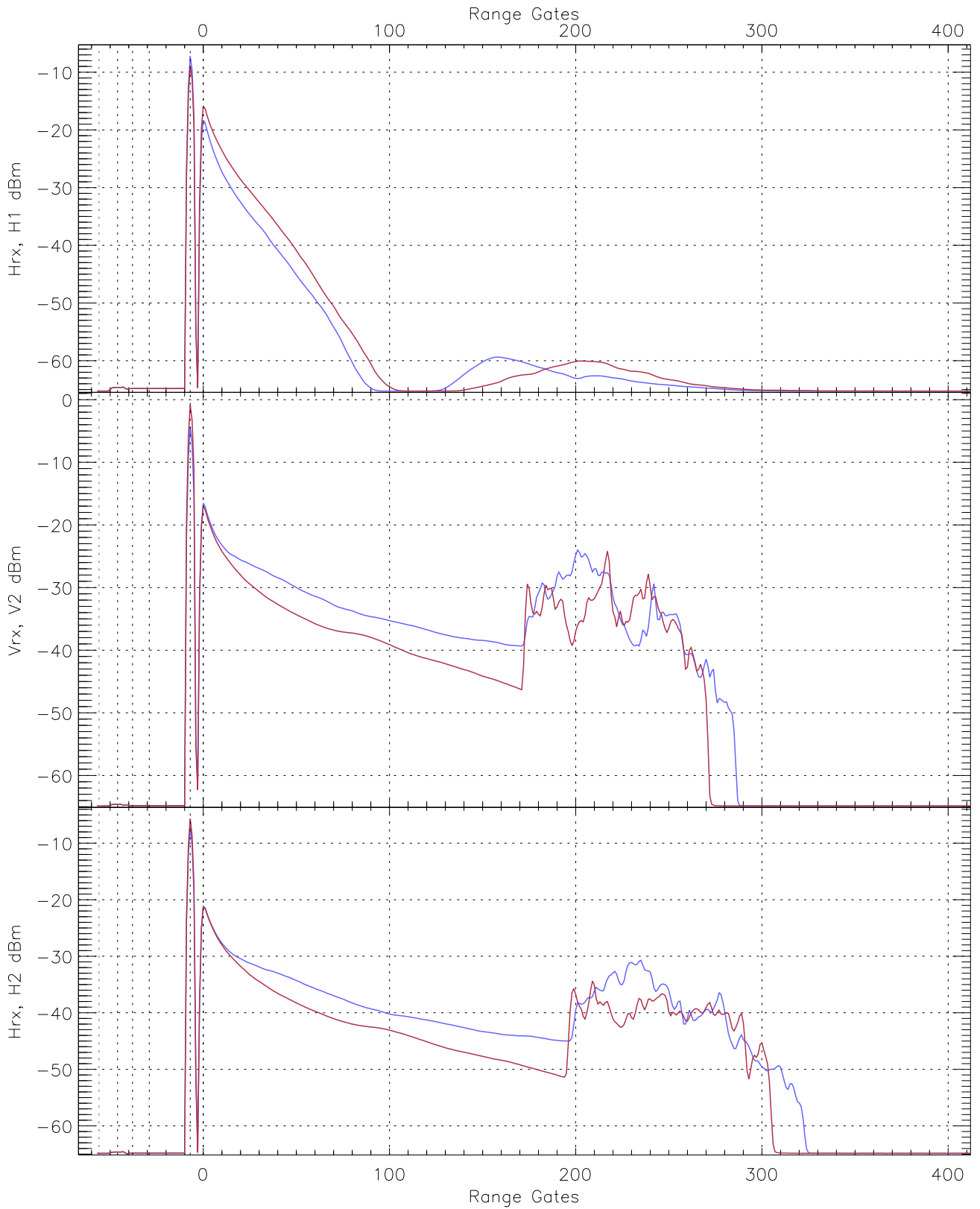
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.53	-64.02	-65.27	-65.28	-76.78
Vrx, V2 (RM [dBm])	-66.06	-63.74	-64.89	-64.90	-76.36
Hrx, H2 (RM [dBm])	-66.17	-63.73	-64.86	-64.87	-76.37

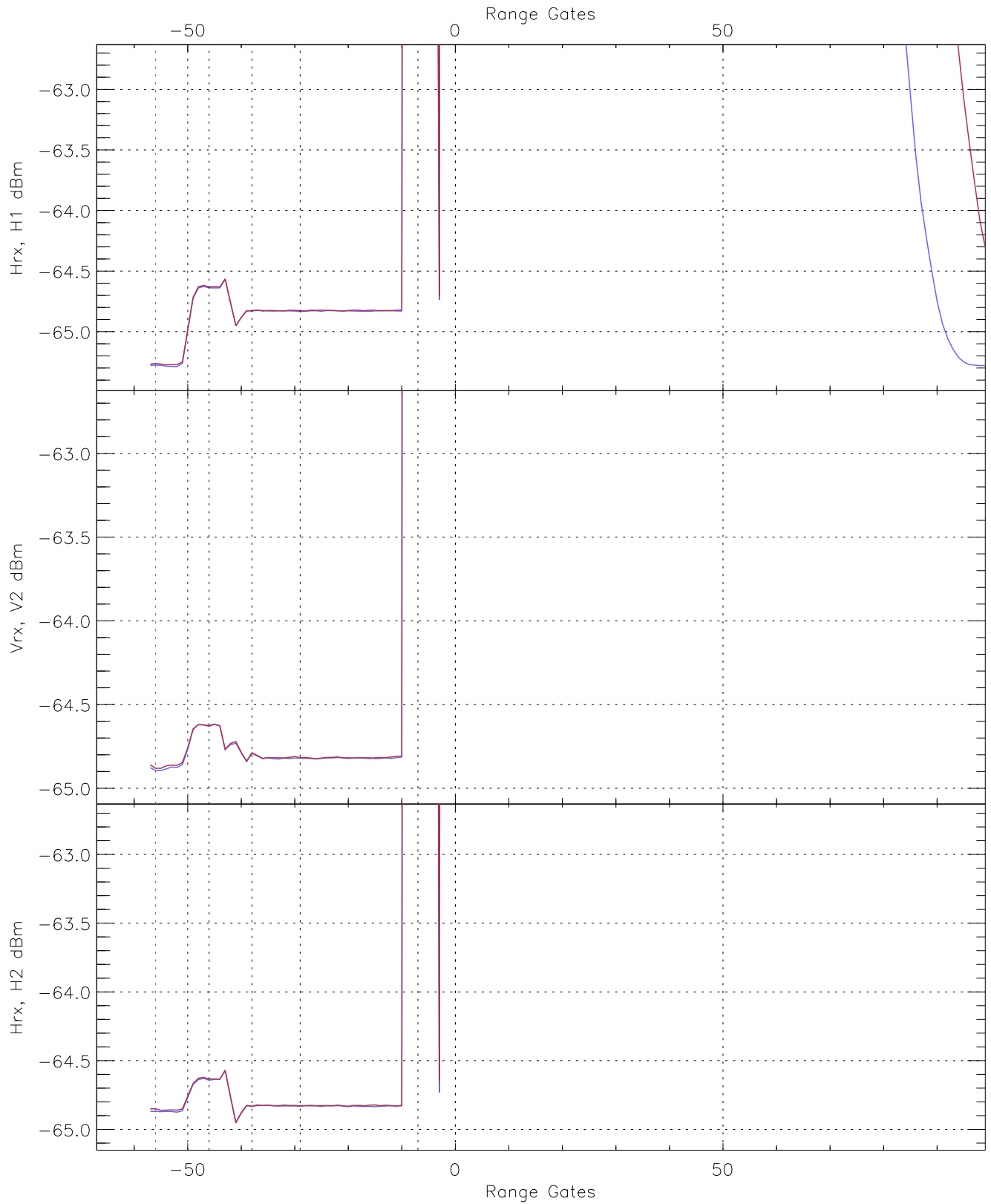


WCR3 CPP "Best" estimate Receivers Noise Power

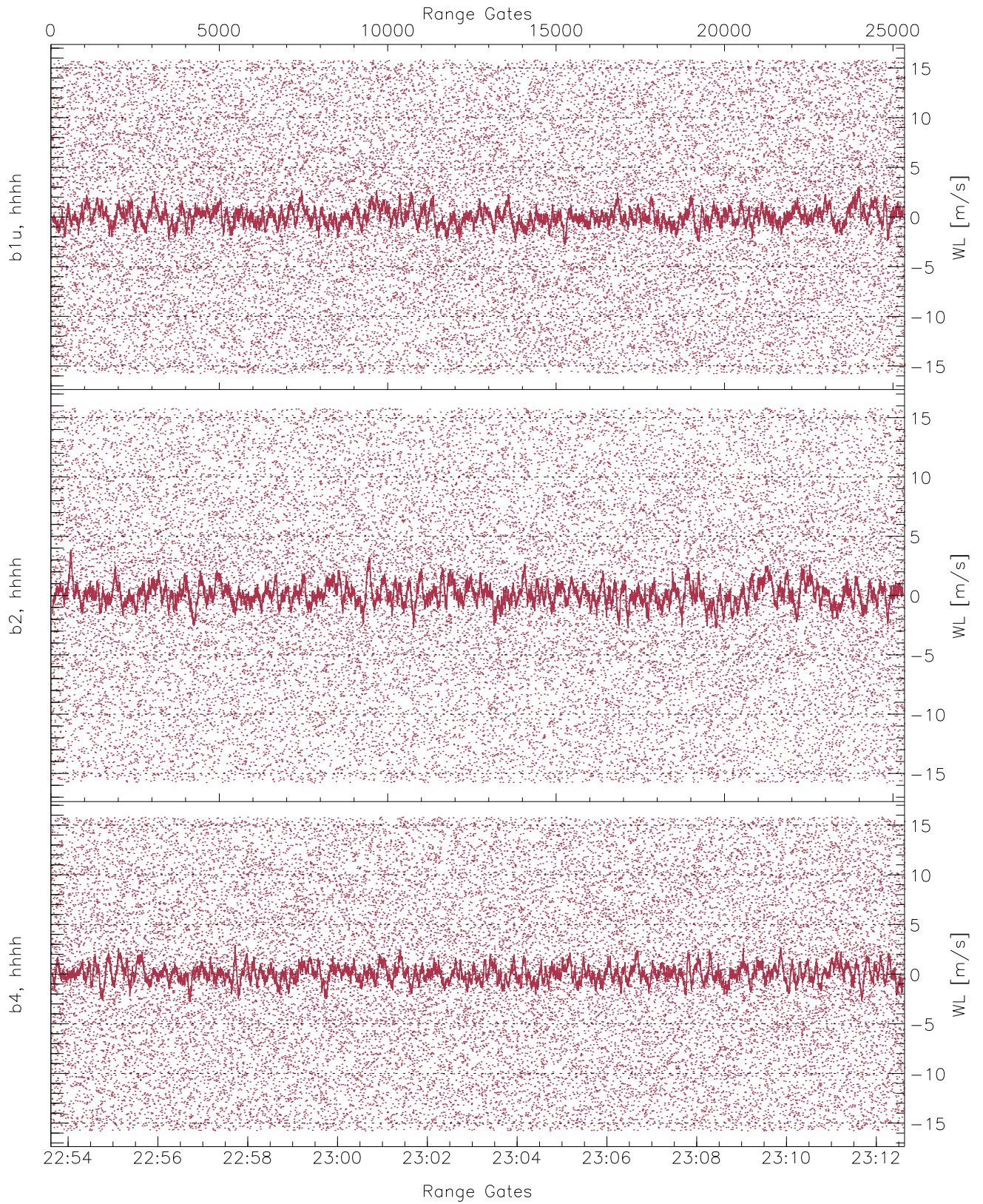
	Min	Max	Mean	Median	StDev
H1RG406_0 [dBm]	-66.59	-64.01	-65.28	-65.28	-76.83
V2RG390_0 [dBm]	-66.14	-63.70	-64.89	-64.89	-76.37
H2RG349_0 [dBm]	-66.29	-63.62	-64.87	-64.88	-76.39



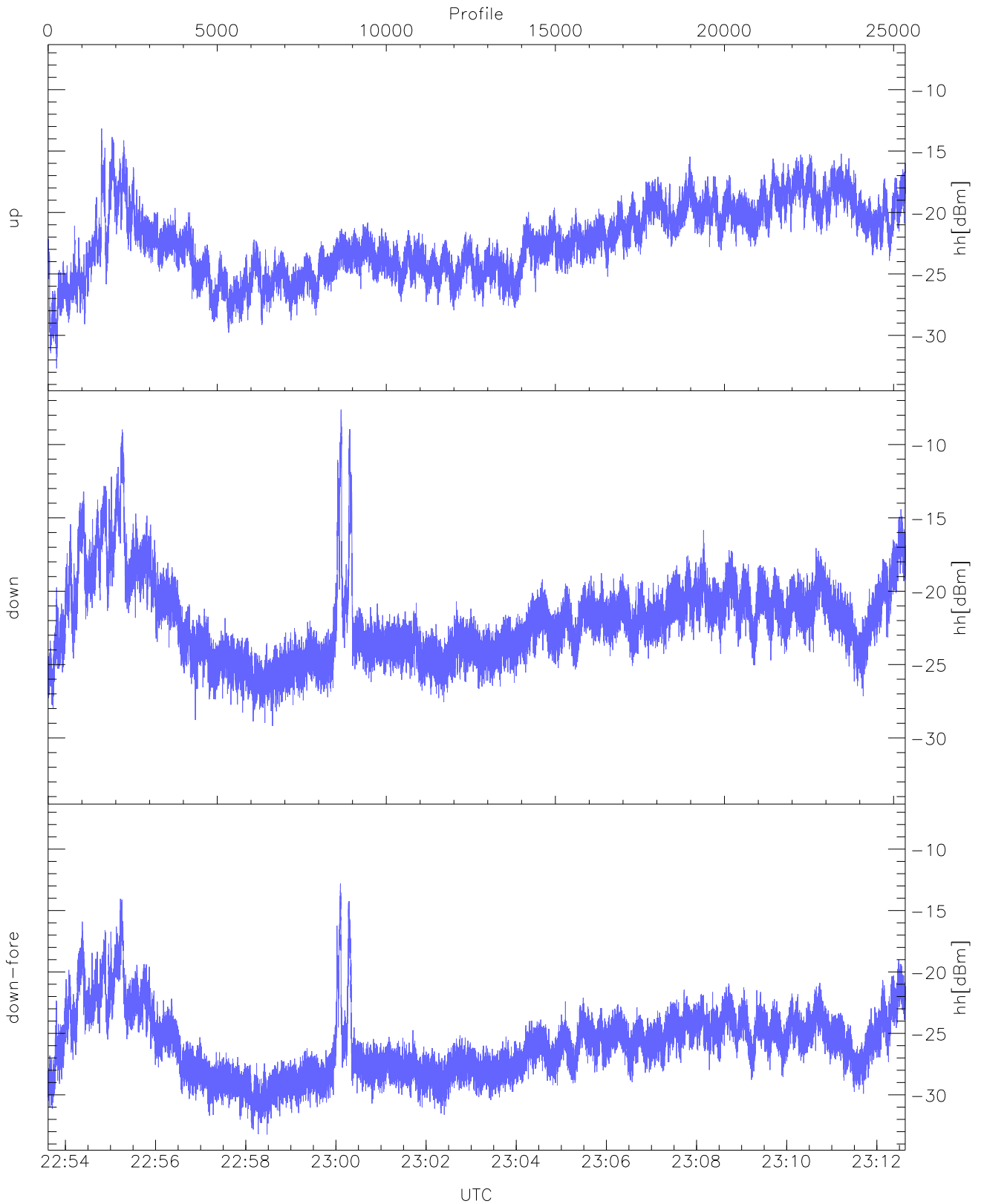
WCR3 CPP Averaged Received power for all recorded gates
blue: 225337-230307, 12674 profiles averaged
red: 230307-231238, 12673 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 225337-230307, 12674 profiles averaged
red: 230307-231238, 12673 profiles averaged

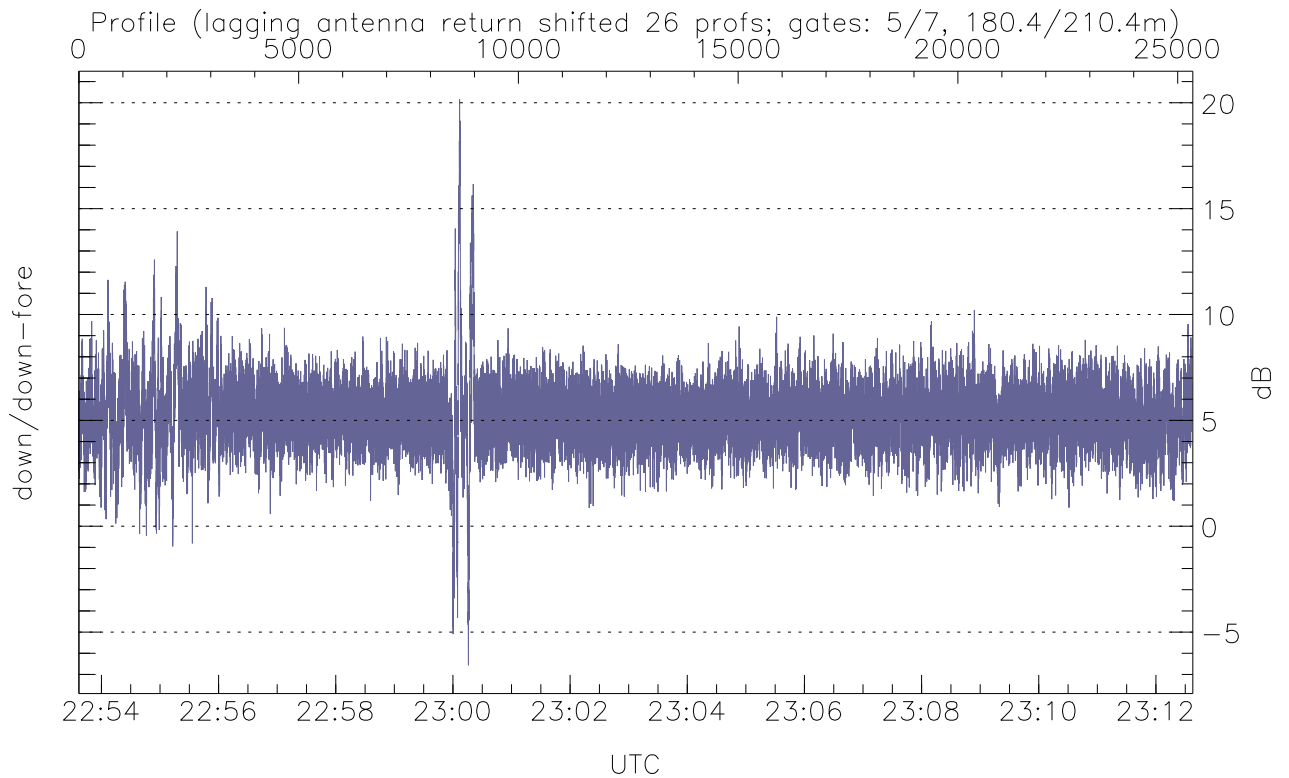
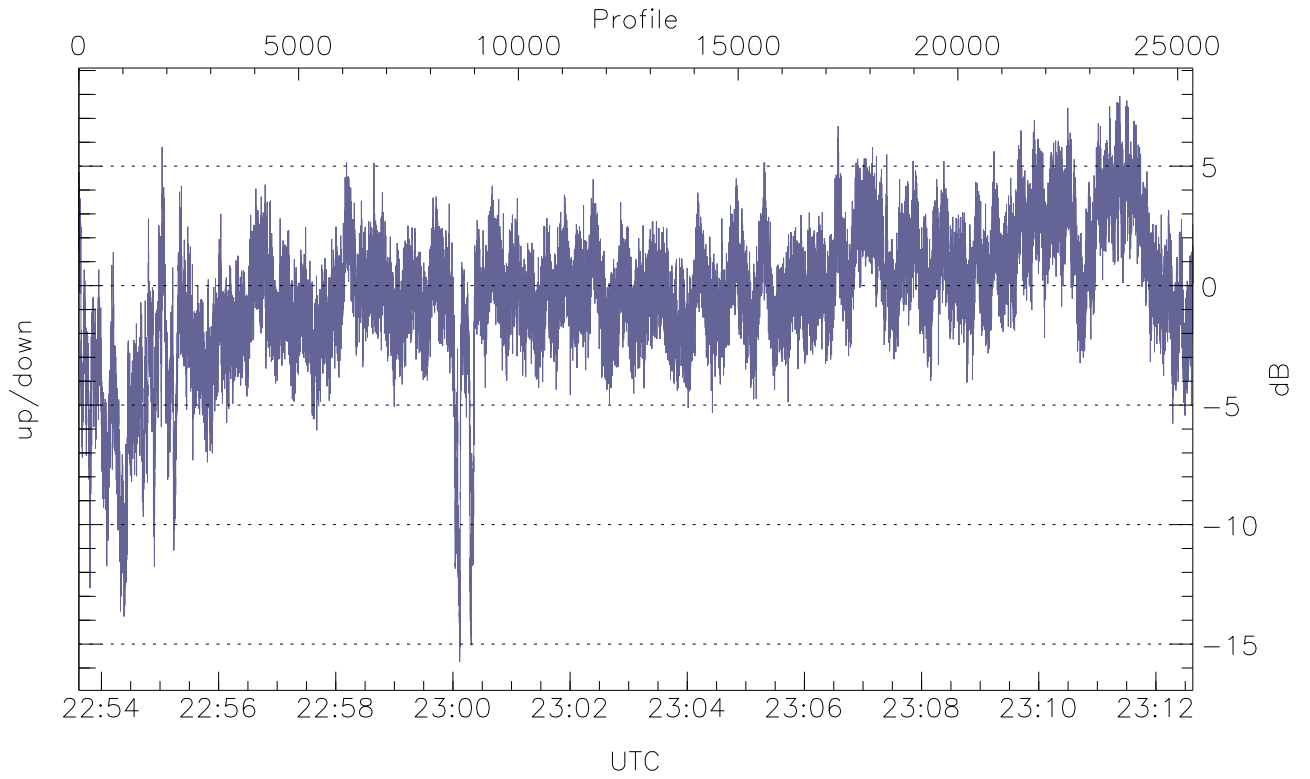


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



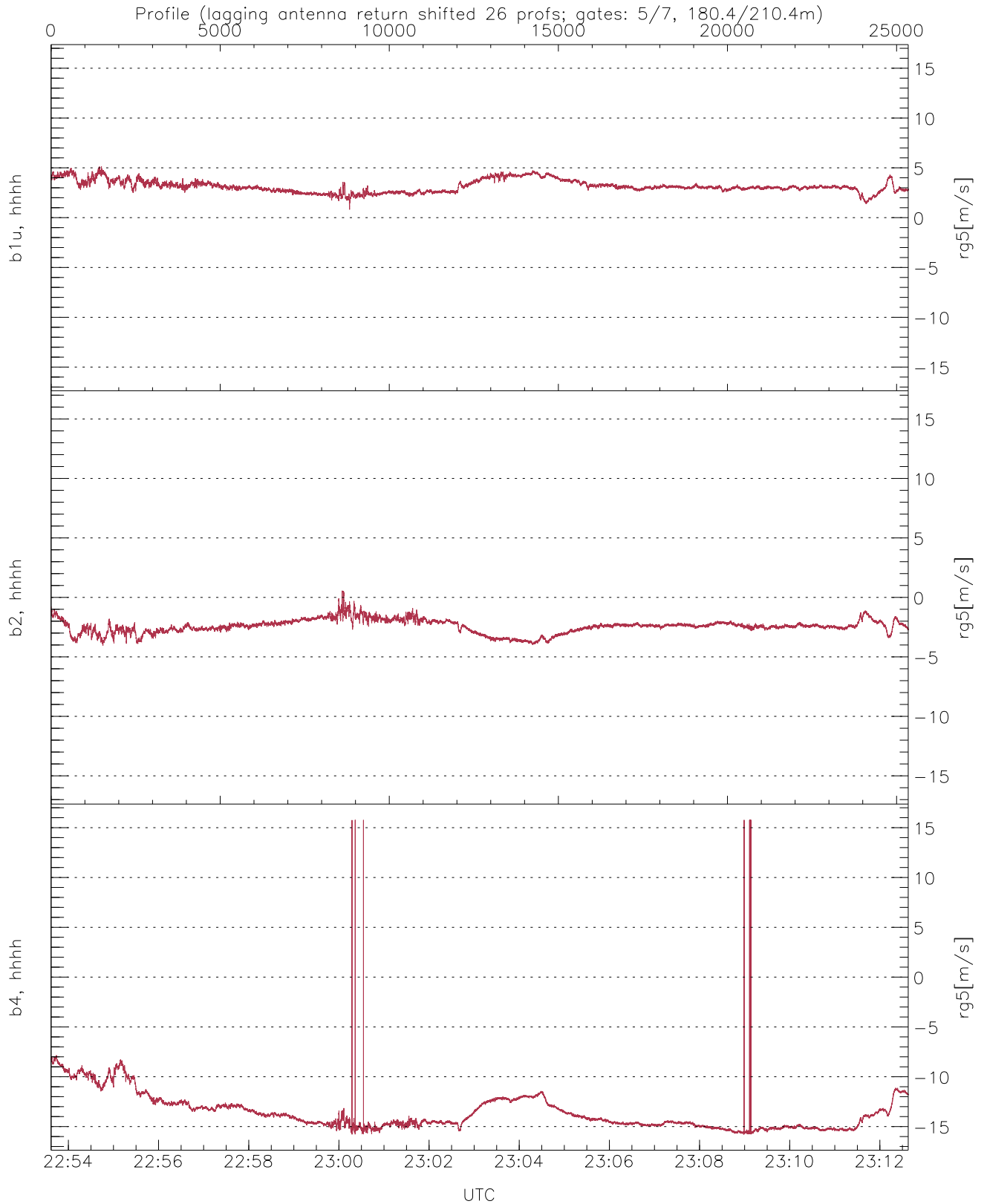
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-32.69	-13.16	-21.45
down(hh[dBm])	-29.19	-7.61	-20.89
down-fore(hh[dBm])	-33.23	-12.81	-24.94



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

	Min	Max	Mean
up/down (dB)	-15.75	7.92	-0.40
down/down-fore (dB)	-6.57	20.15	5.24



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.81	5.14	3.14	0.62
b2, hhhh(rg5[m/s])	-4.05	0.56	-2.44	0.58
b4, hhhh(rg5[m/s])	-15.79	15.79	-13.57	2.05