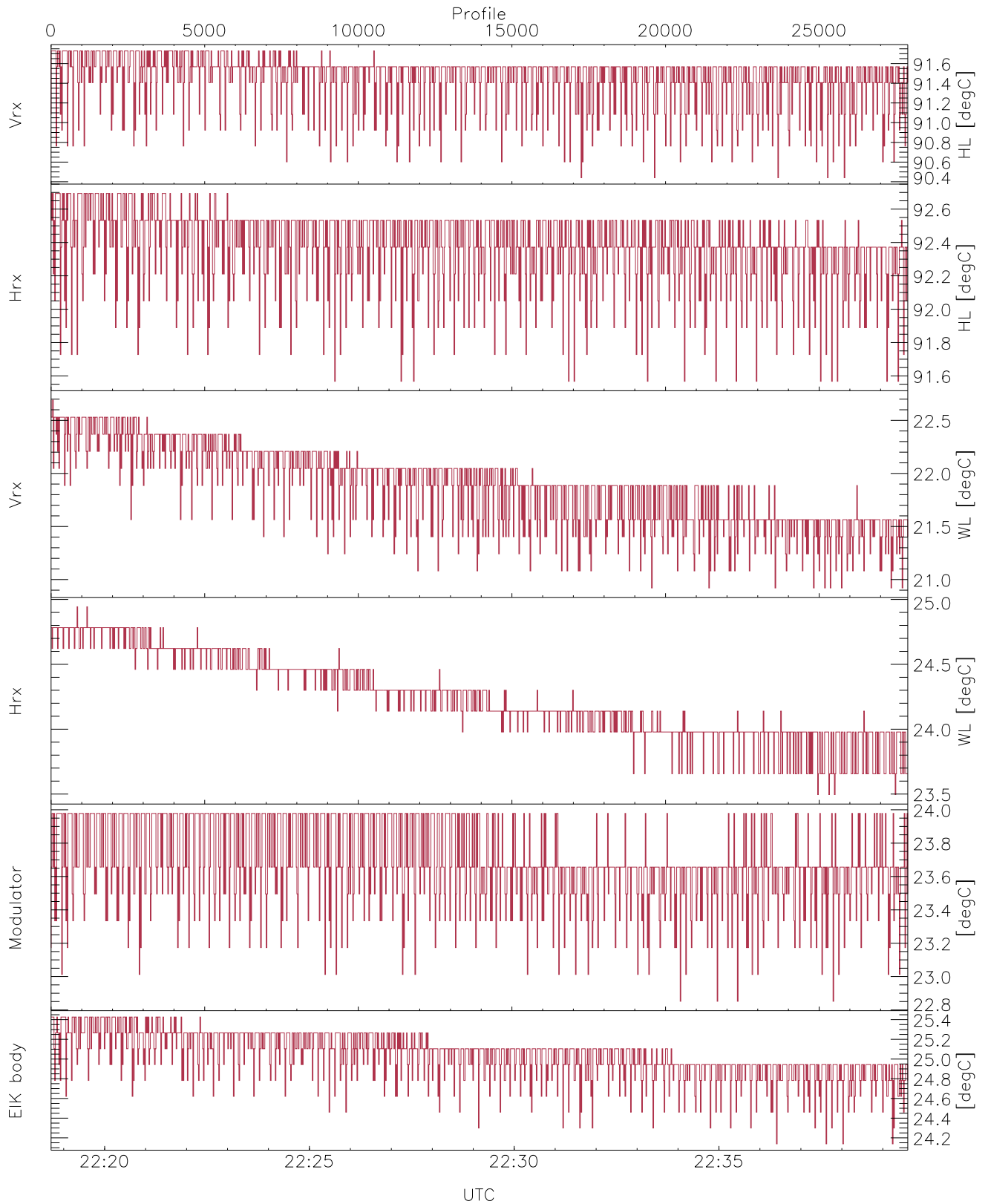




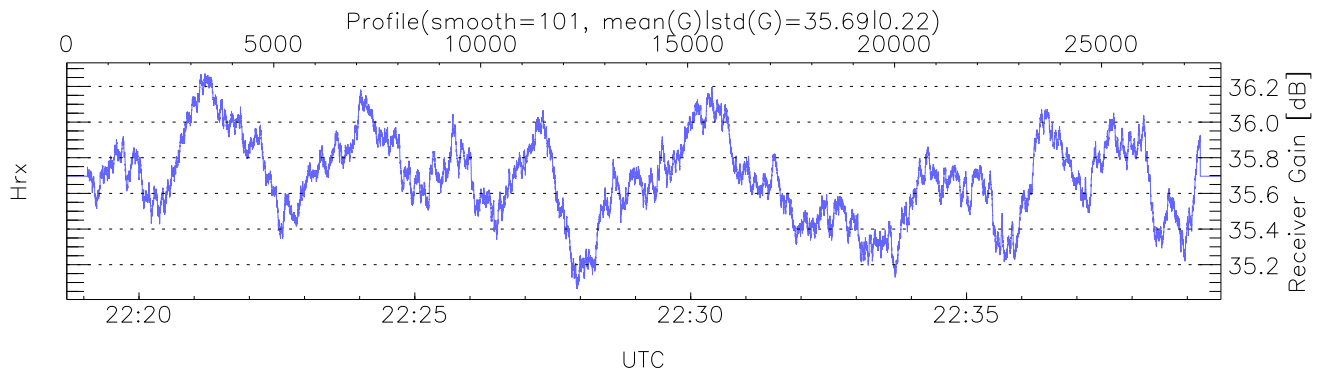
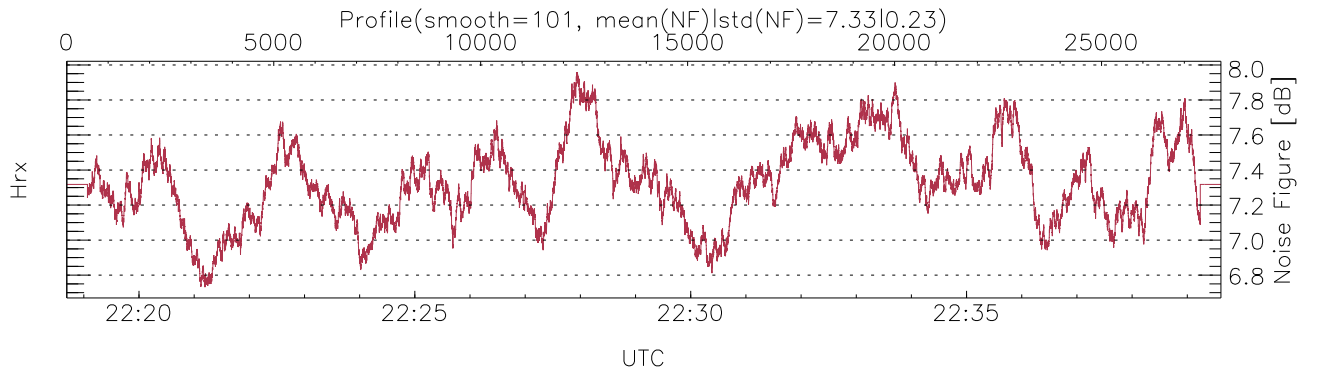
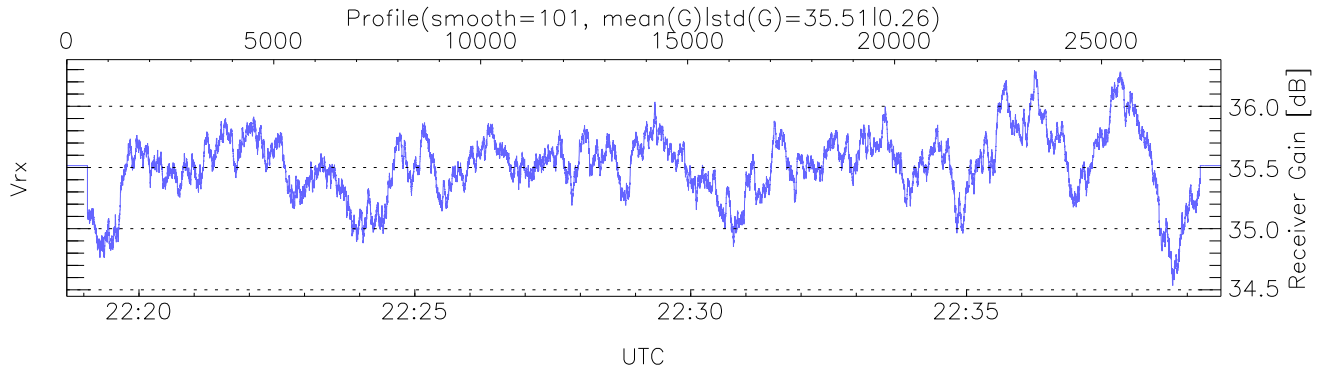
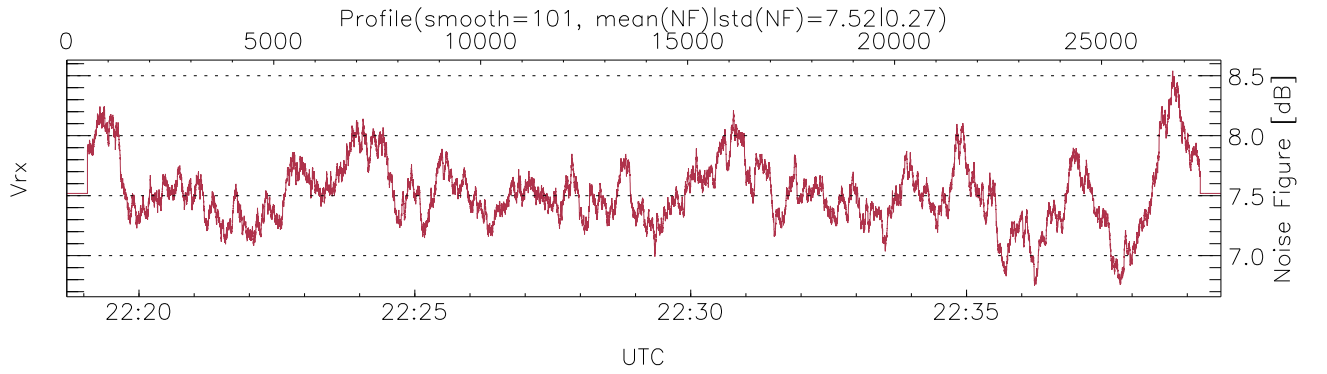
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:18:41-22:39:37, TimeCor: 0.00s, Dur: 1255.14s
 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): 27886/27886, 0-27885/22:18:41-22:39:37
 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



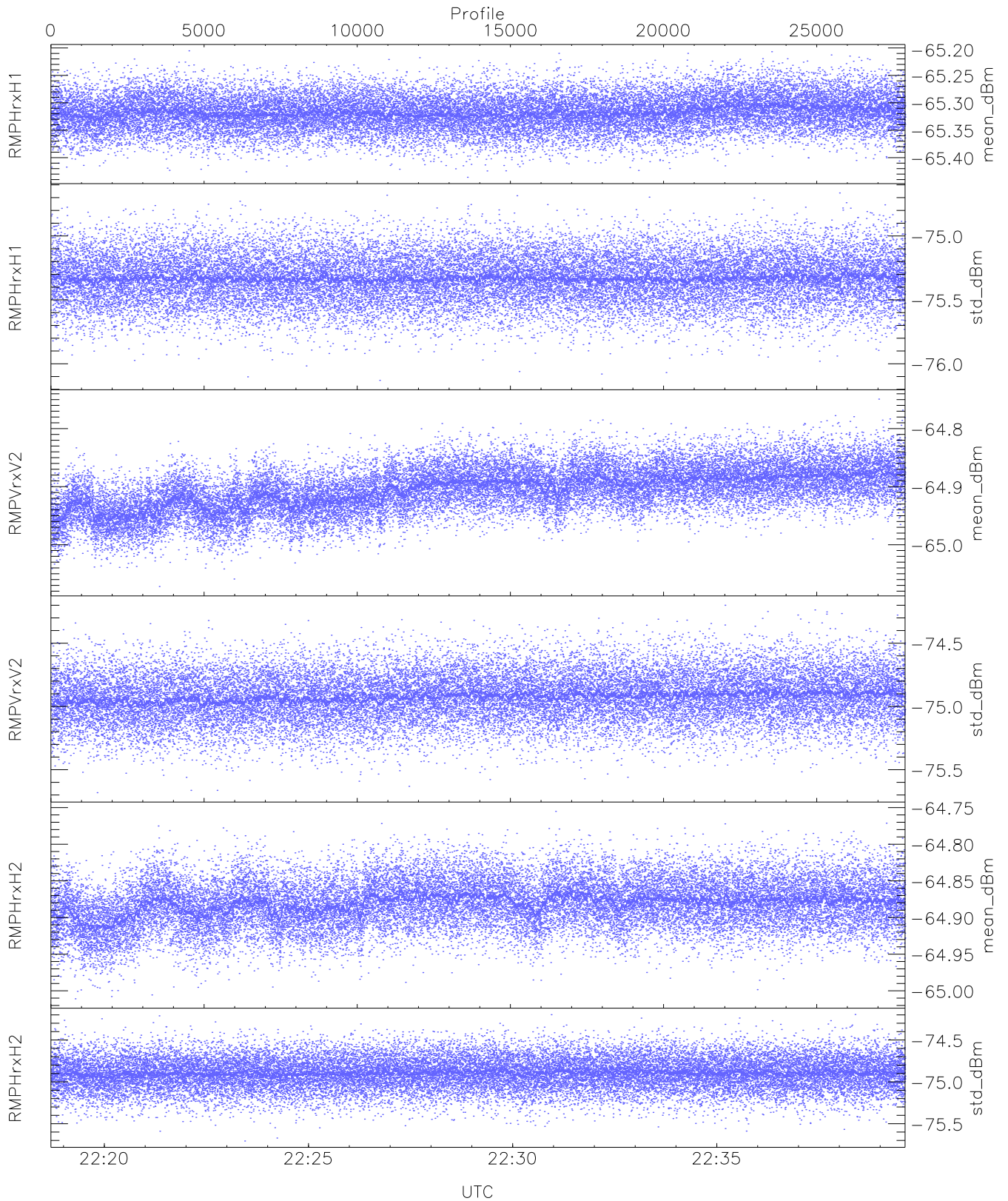
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



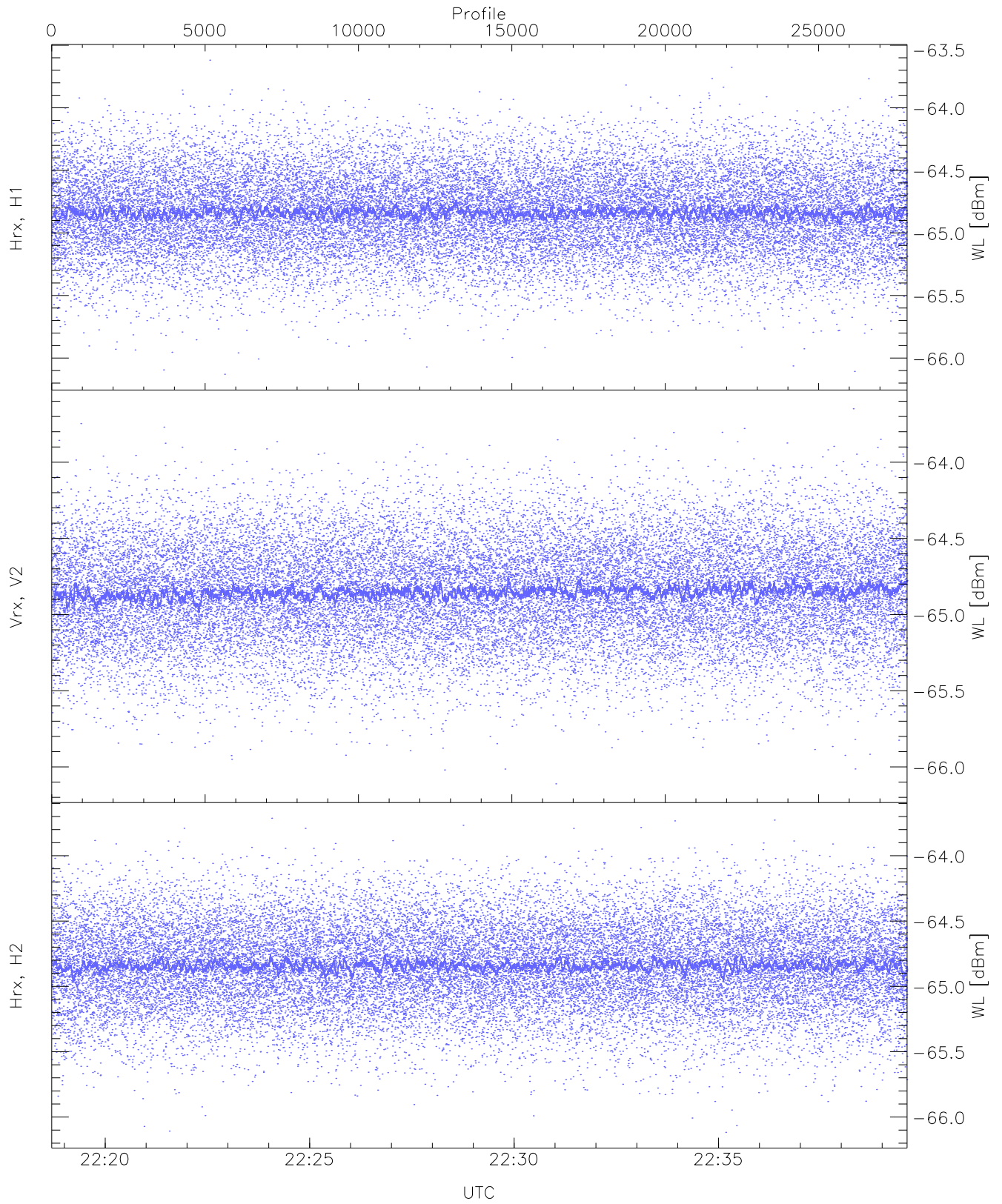
WCR3 CPP Receivers Gain and Noise Figure

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



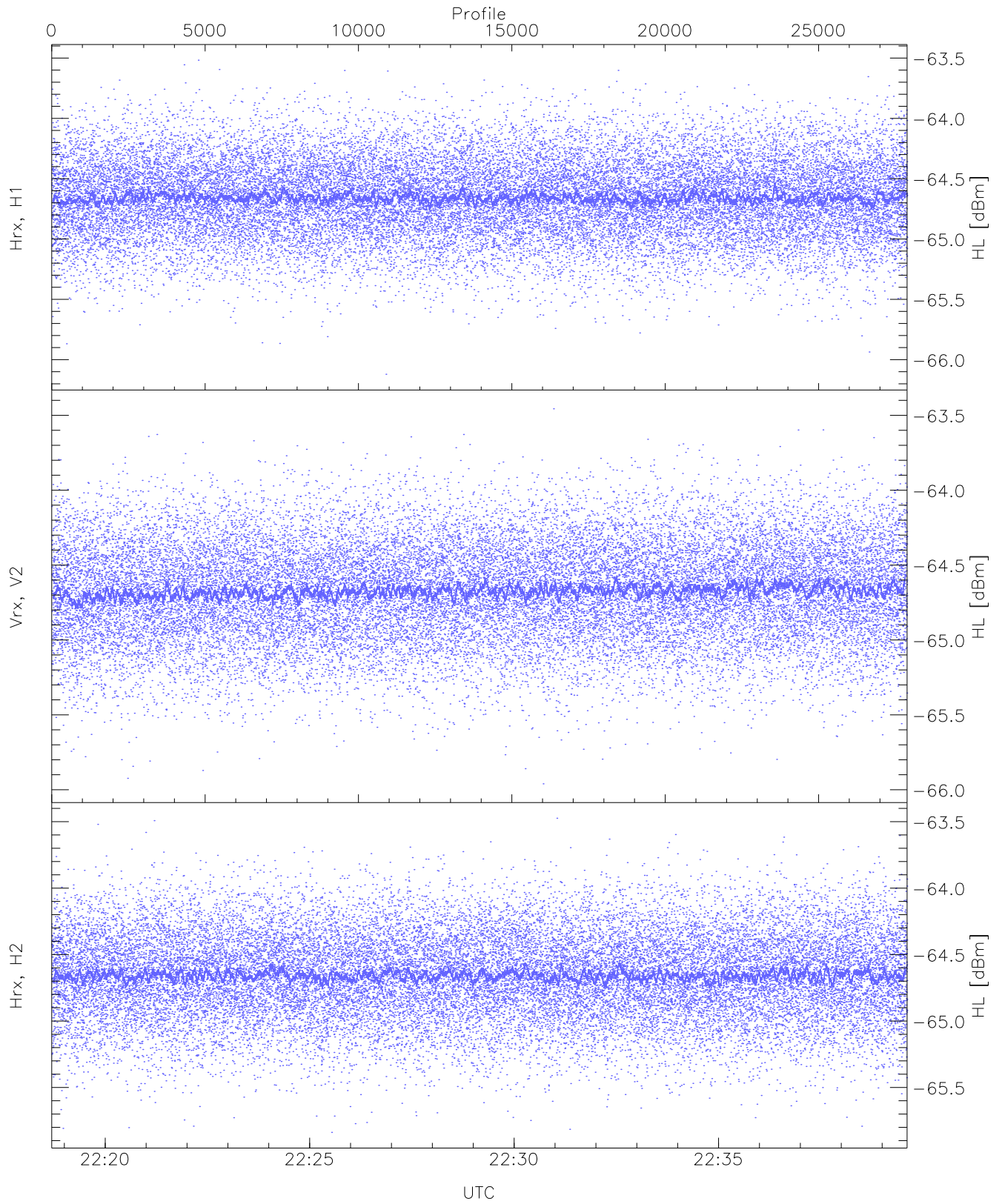
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.44	-65.21	-65.32	-65.32	-86.86
RMPHrxH1 (std_dBm)	-76.13	-74.66	-75.33	-75.33	-89.14
RMPVrxV2 (mean_dBm)	-65.07	-64.75	-64.91	-64.91	-85.42
RMPVrxV2 (std_dBm)	-75.68	-74.20	-74.92	-74.93	-88.68
RMPHrxH2 (mean_dBm)	-65.01	-64.76	-64.88	-64.88	-86.27
RMPHrxH2 (std_dBm)	-75.71	-74.20	-74.90	-74.90	-88.64



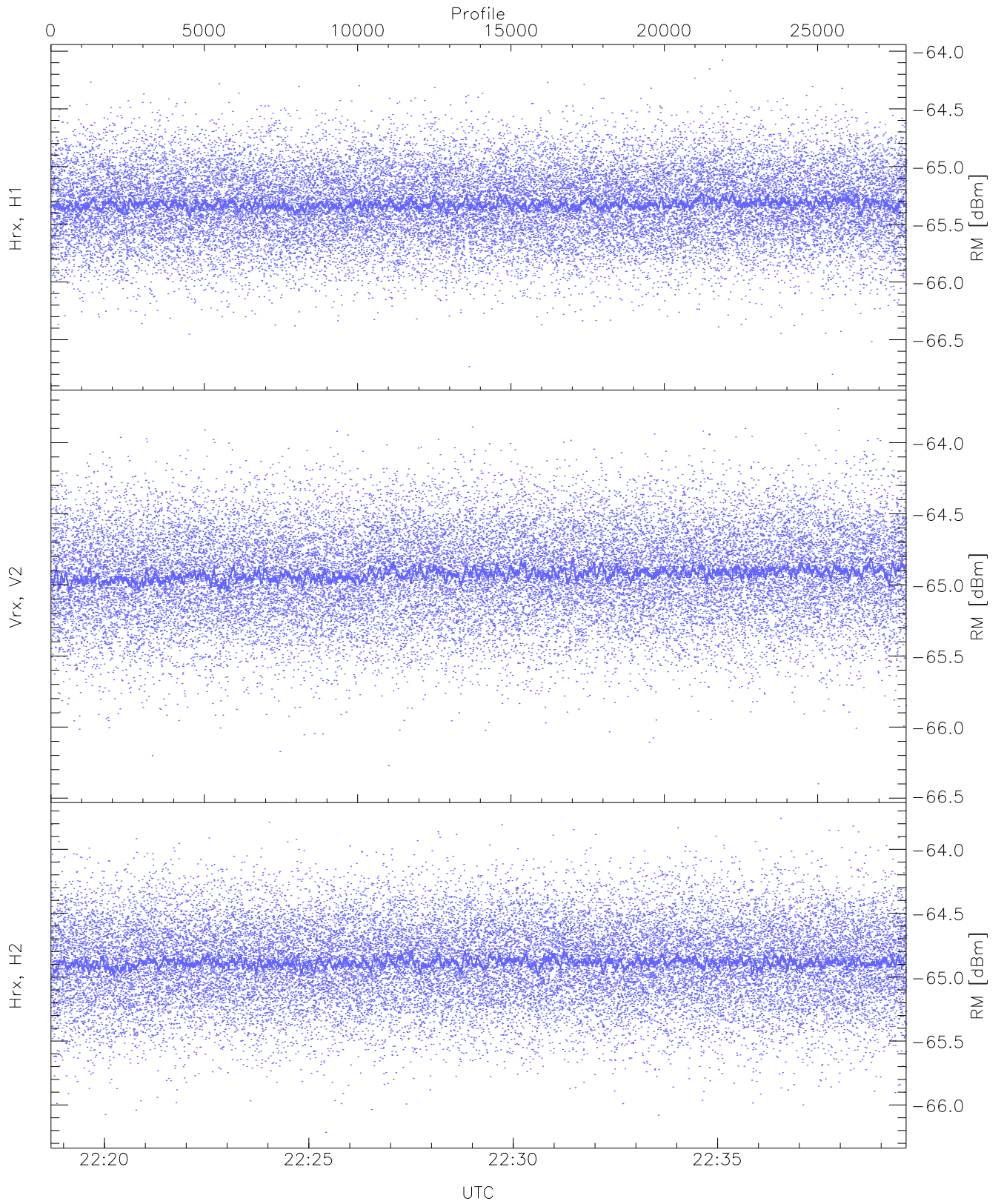
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.13	-63.62	-64.83	-64.84	-76.35
Vrx, V2 (WL [dBm])	-66.11	-63.65	-64.85	-64.85	-76.38
Hrx, H2 (WL [dBm])	-66.12	-63.71	-64.83	-64.84	-76.37



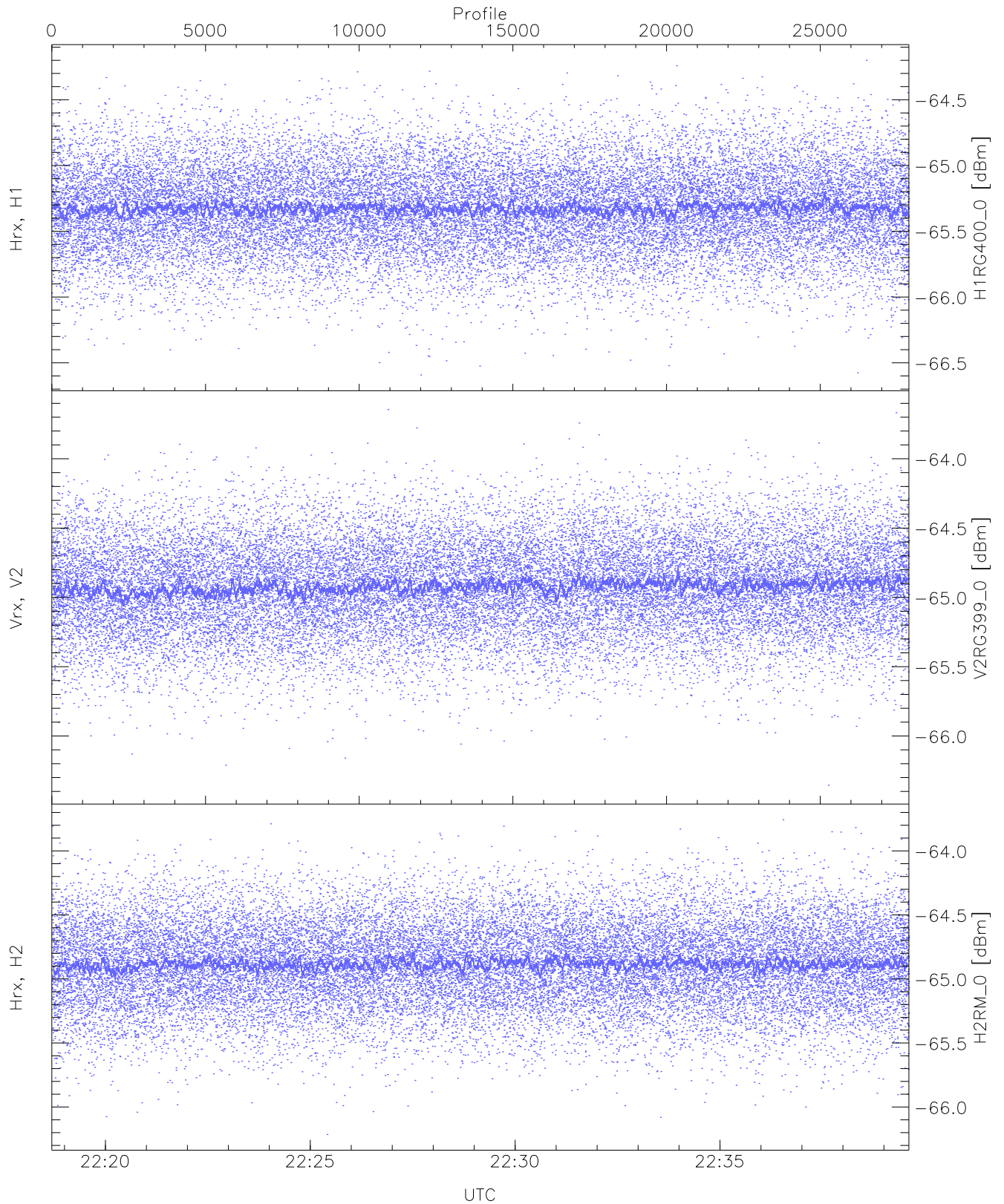
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.12	-63.52	-64.65	-64.66	-76.16
Vrx, V2 (HL [dBm])	-65.96	-63.46	-64.67	-64.67	-76.18
Hrx, H2 (HL [dBm])	-65.84	-63.47	-64.65	-64.66	-76.16



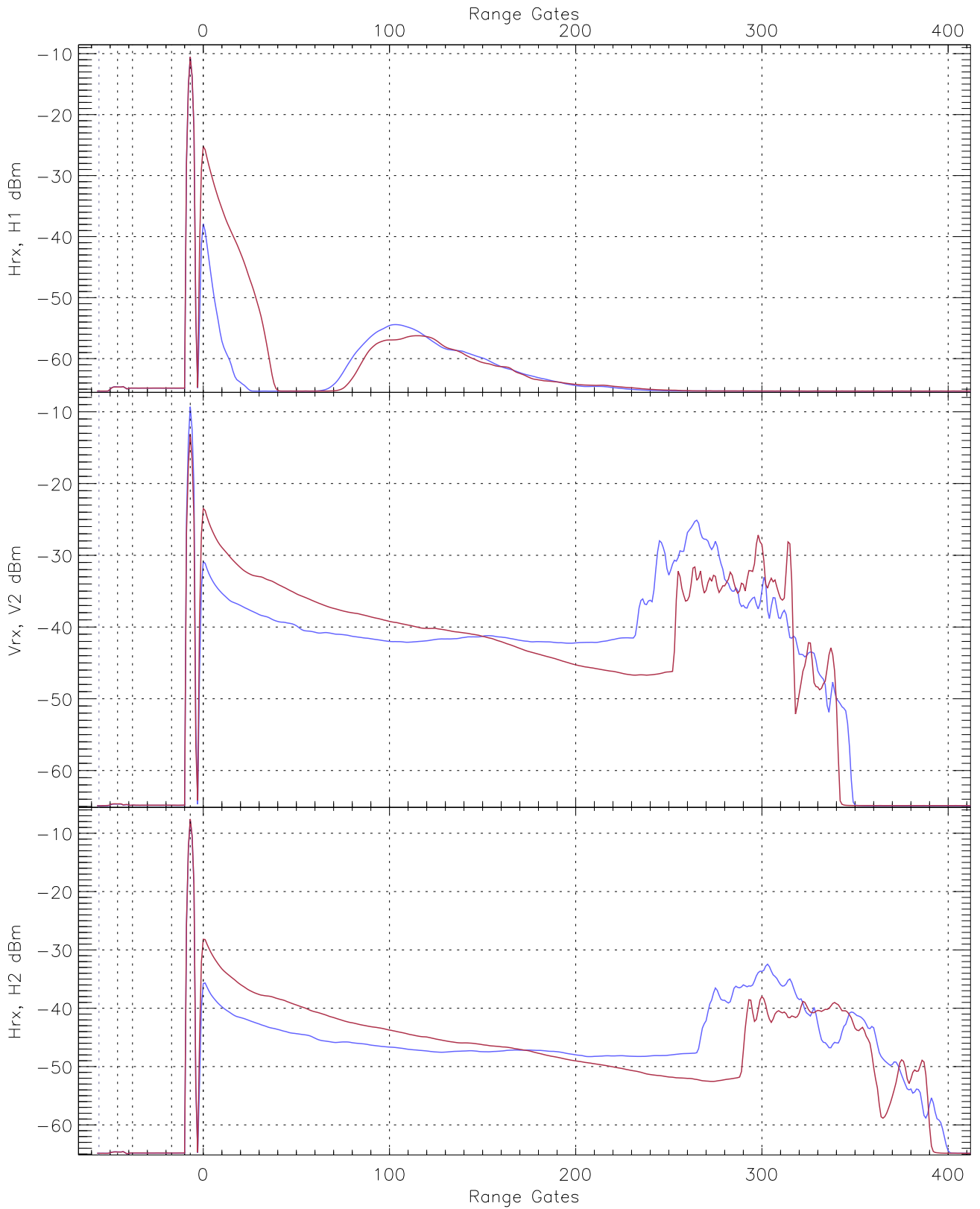
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.80	-64.08	-65.32	-65.33	-76.83
Vrx, V2 (RM [dBm])	-66.40	-63.76	-64.92	-64.92	-76.43
Hrx, H2 (RM [dBm])	-66.21	-63.76	-64.88	-64.88	-76.38

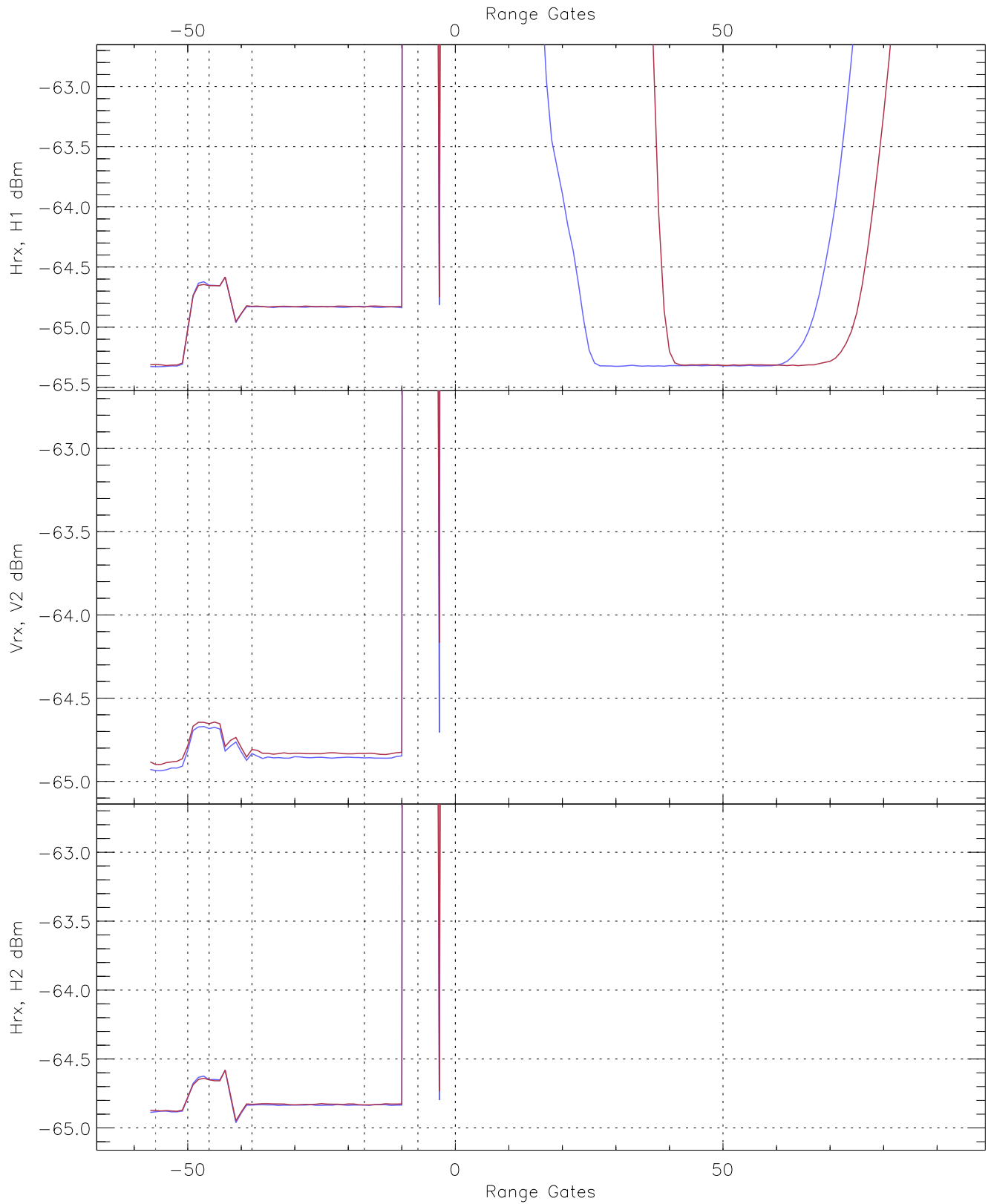


WCR3 CPP "Best" estimate Receivers Noise Power

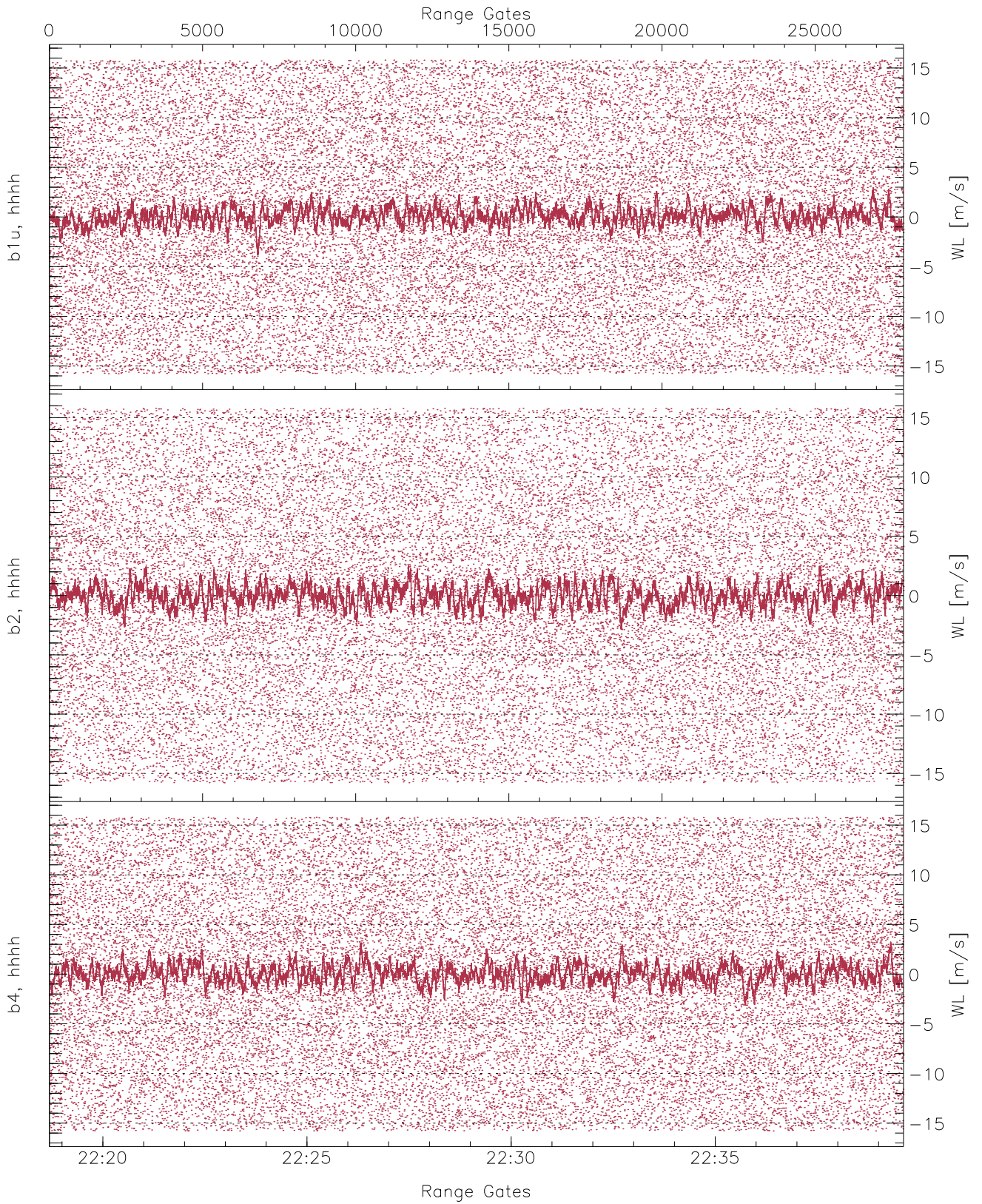
	Min	Max	Mean	Median	StDev
H1RG400_0 [dBm]	-66.59	-64.20	-65.32	-65.33	-76.84
V2RG399_0 [dBm]	-66.36	-63.64	-64.92	-64.92	-76.40
H2RM_0 [dBm]	-66.21	-63.76	-64.88	-64.88	-76.38



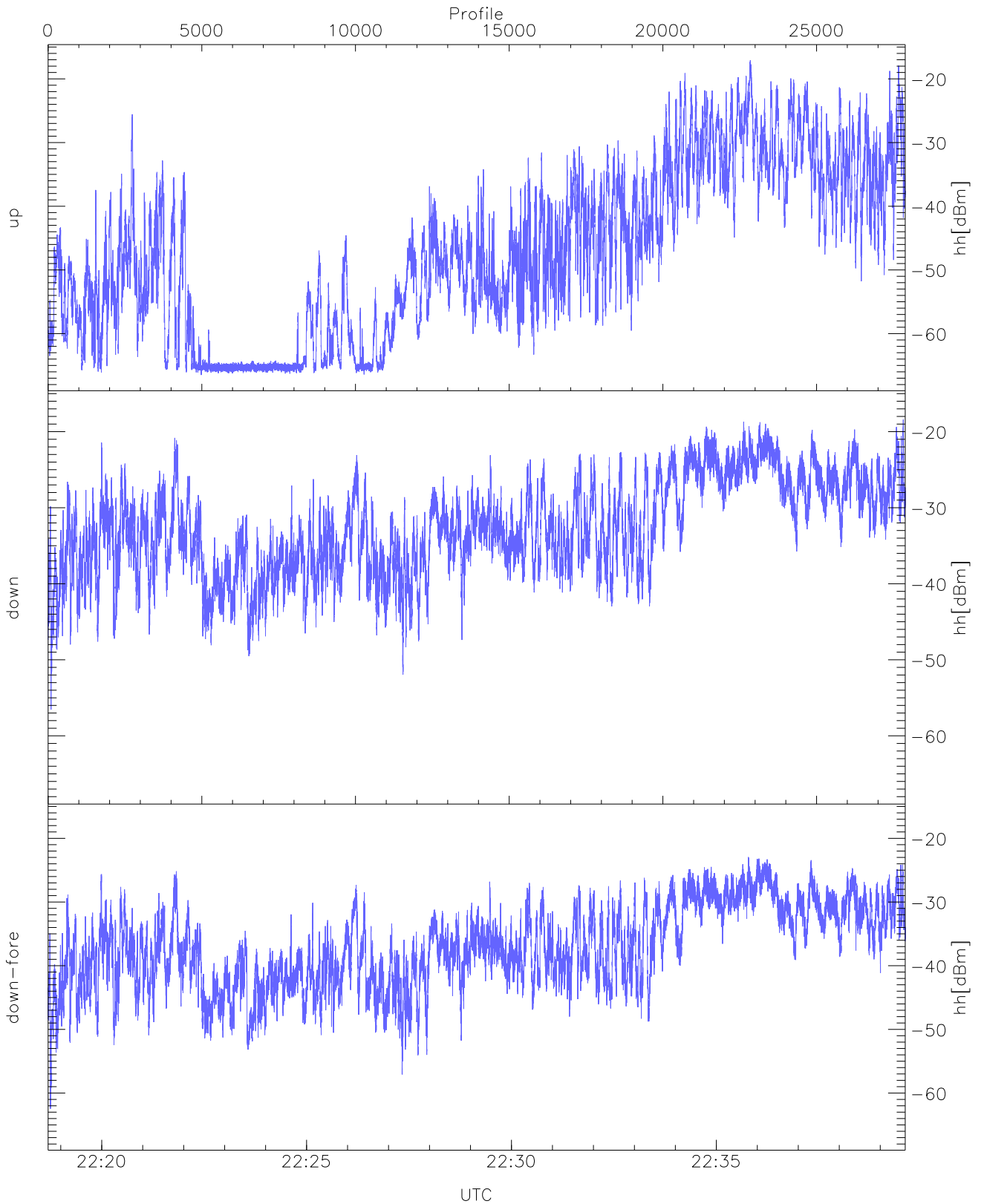
WCR3 CPP Averaged Received power for all recorded gates
blue: 221841-222909, 13944 profiles averaged
red: 222909-223937, 13943 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 221841-222909, 13944 profiles averaged
red: 222909-223937, 13943 profiles averaged

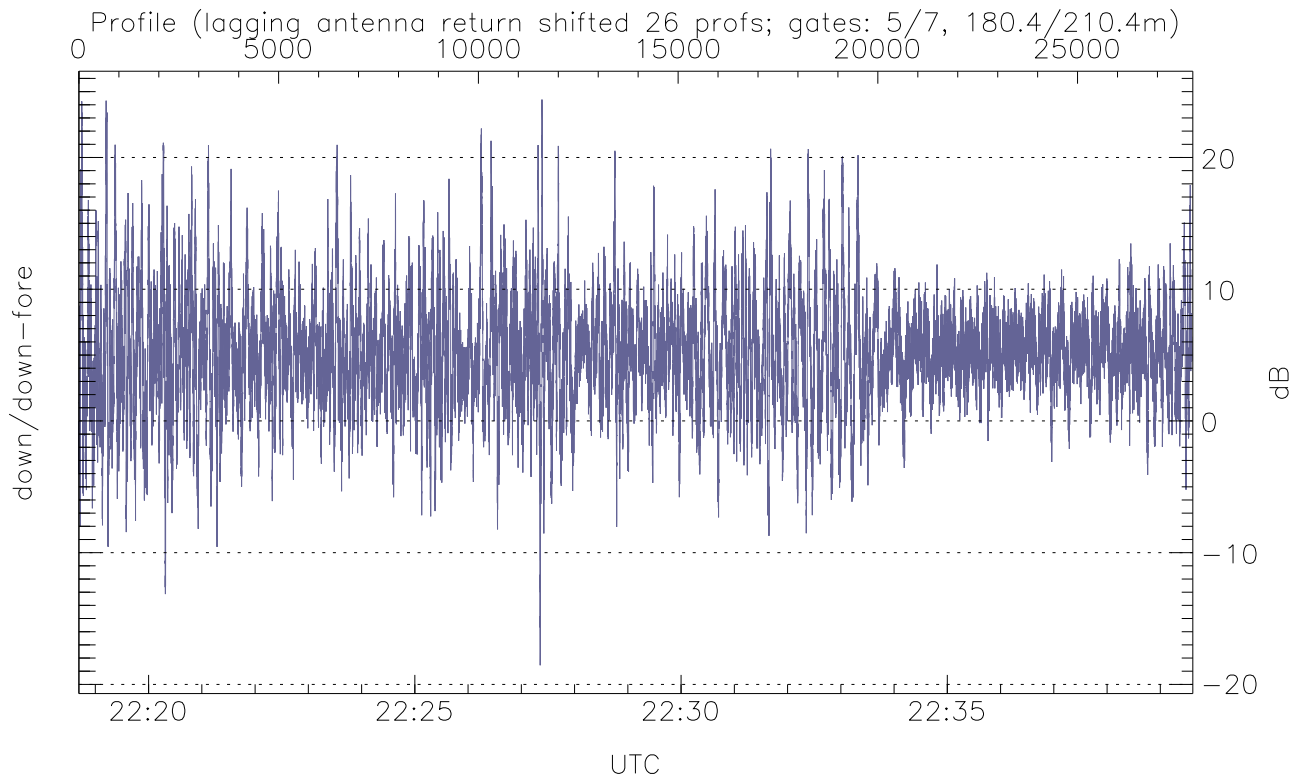
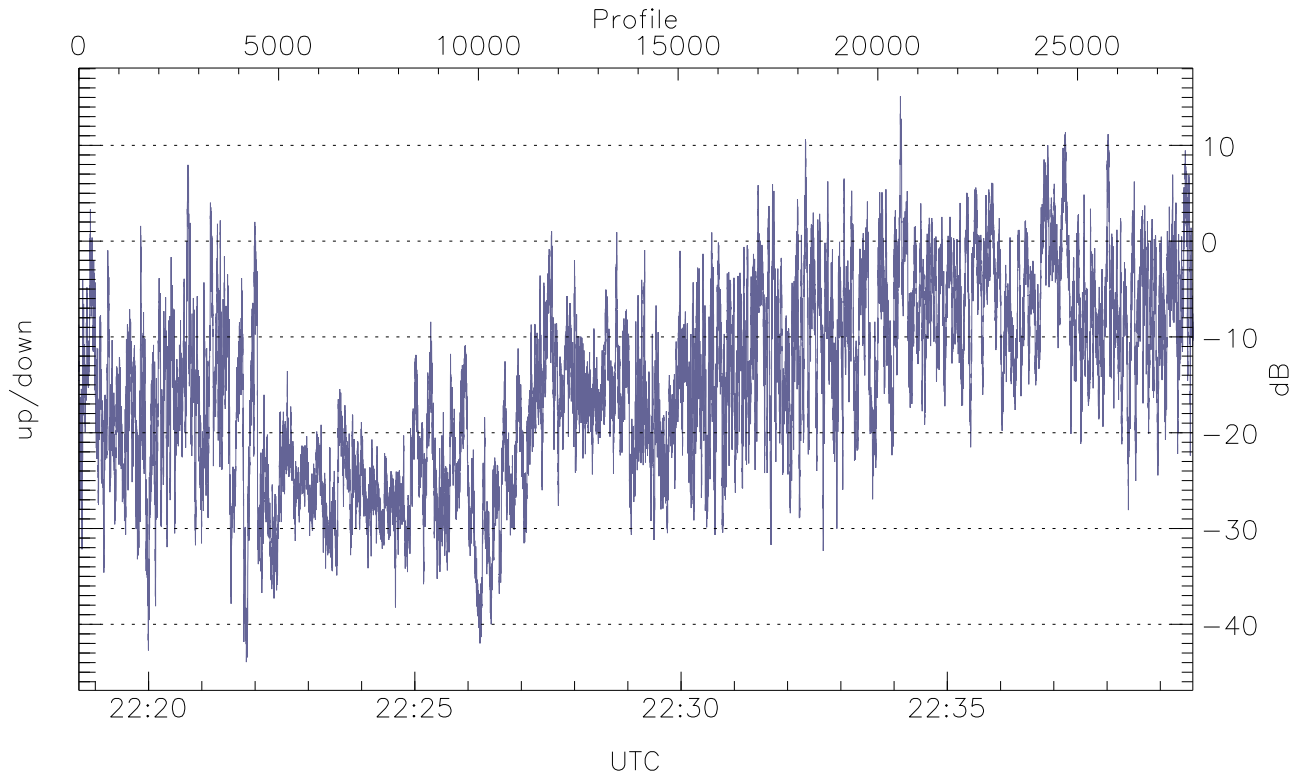


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



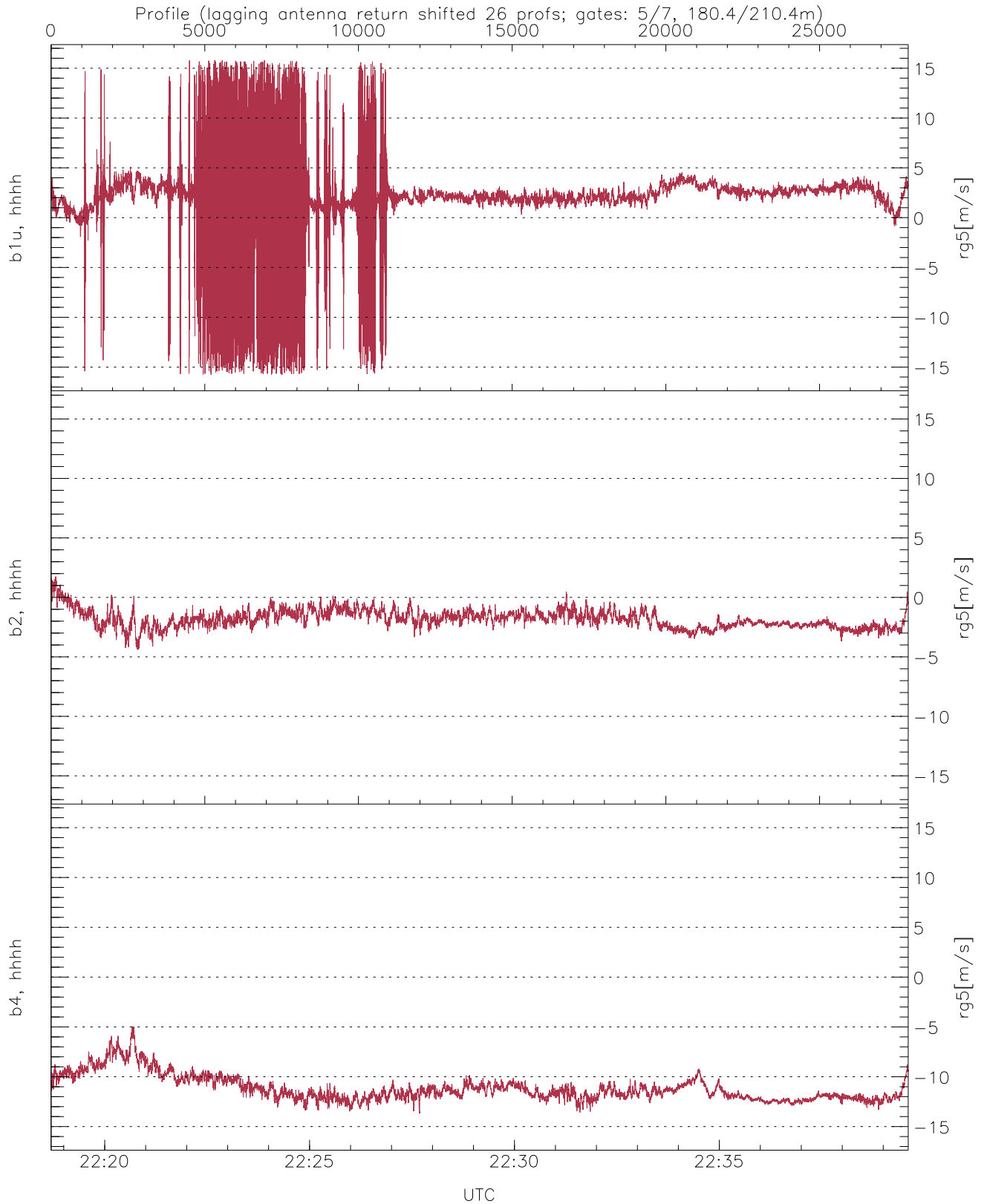
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.50	-17.09	-33.50
down(hh[dBm])	-56.55	-18.42	-28.87
down-fore(hh[dBm])	-62.47	-22.95	-33.17



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

	Min	Max	Mean
up/down (dB)	-43.94	15.12	-14.91
down/down-fore (dB)	-18.55	24.40	5.23



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	1.97	3.51
b2, hhhh(rg5[m/s])	-4.39	1.76	-1.83	0.75
b4, hhhh(rg5[m/s])	-13.66	-4.95	-11.16	1.30