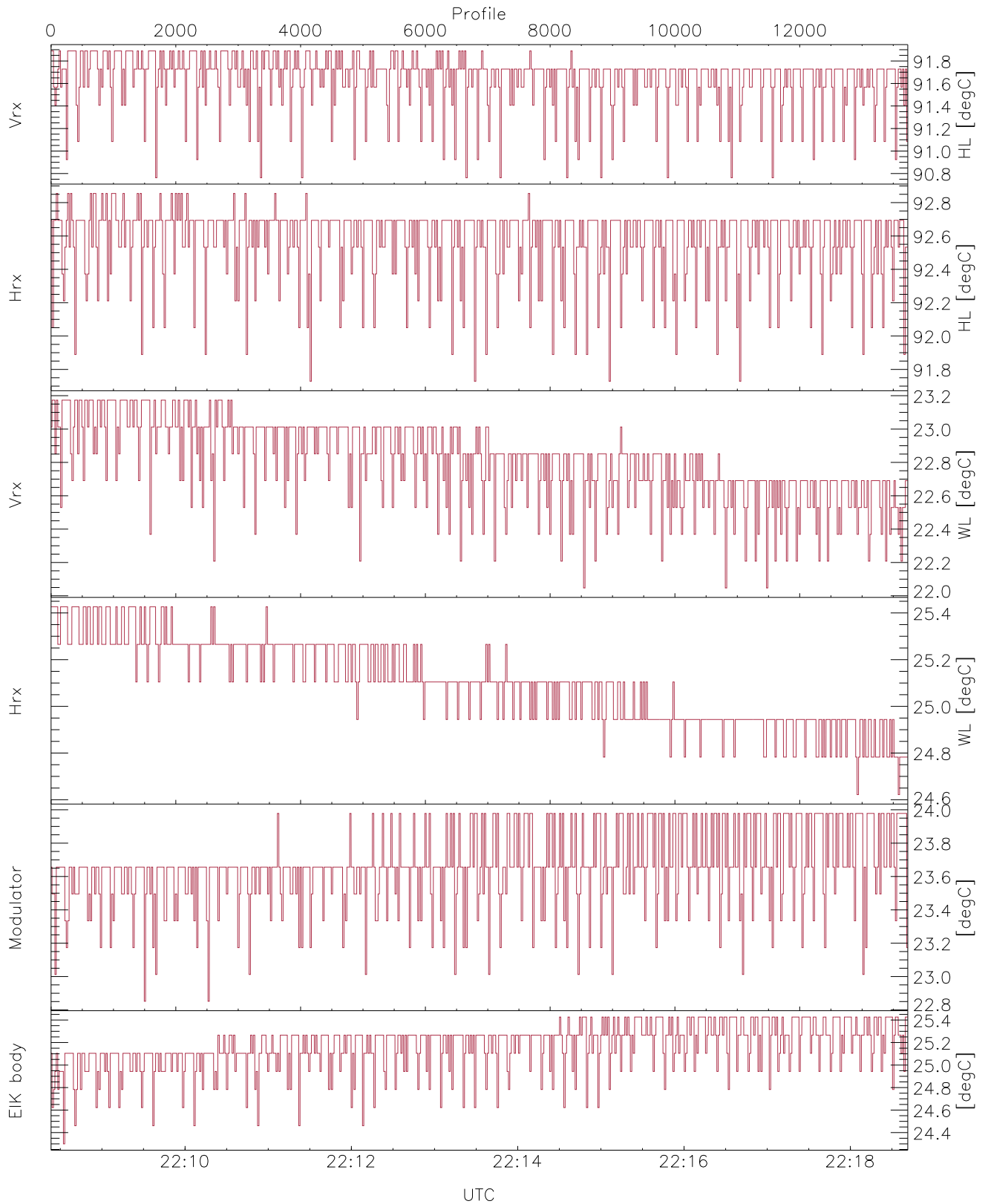


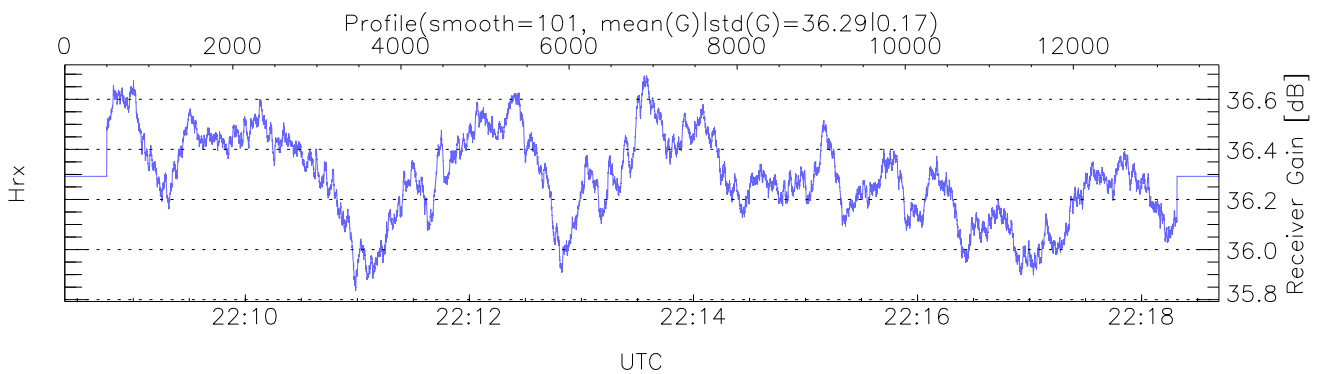
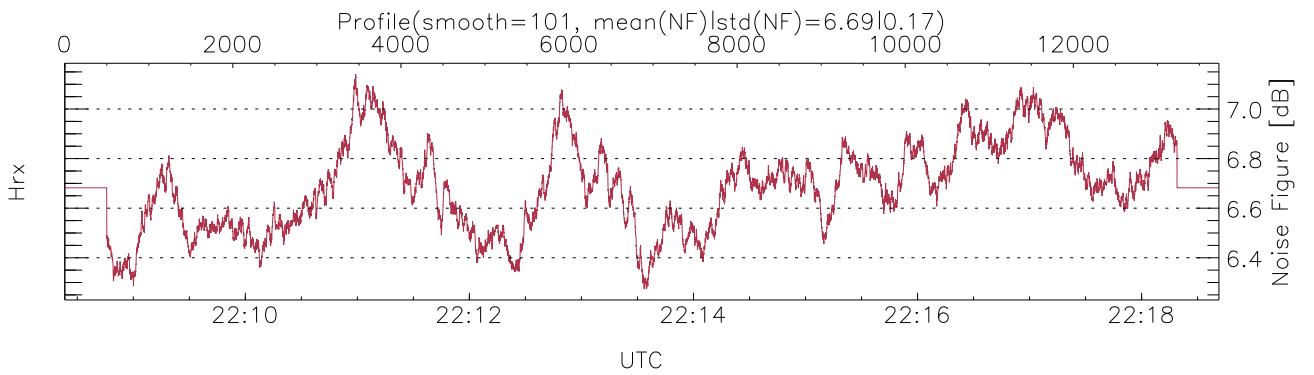
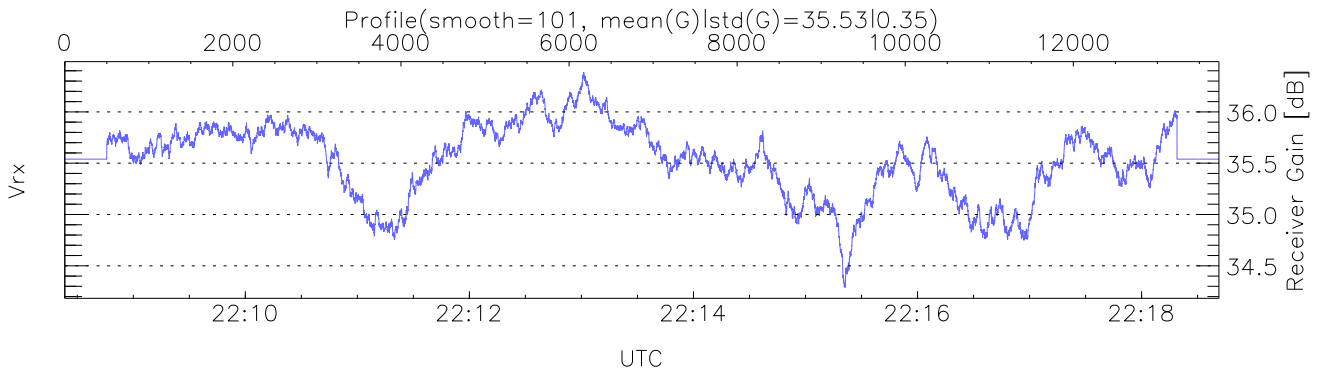
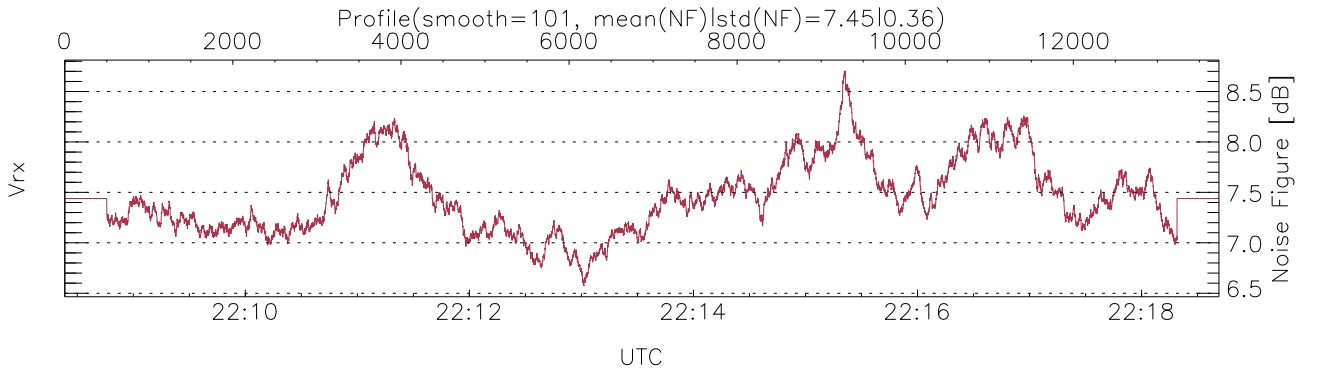
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:08:23-22:18:41, TimeCor: 0.00s, Dur: 618.14s
 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): 13734/13734, 0-13733/22:08:23-22:18:41
 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



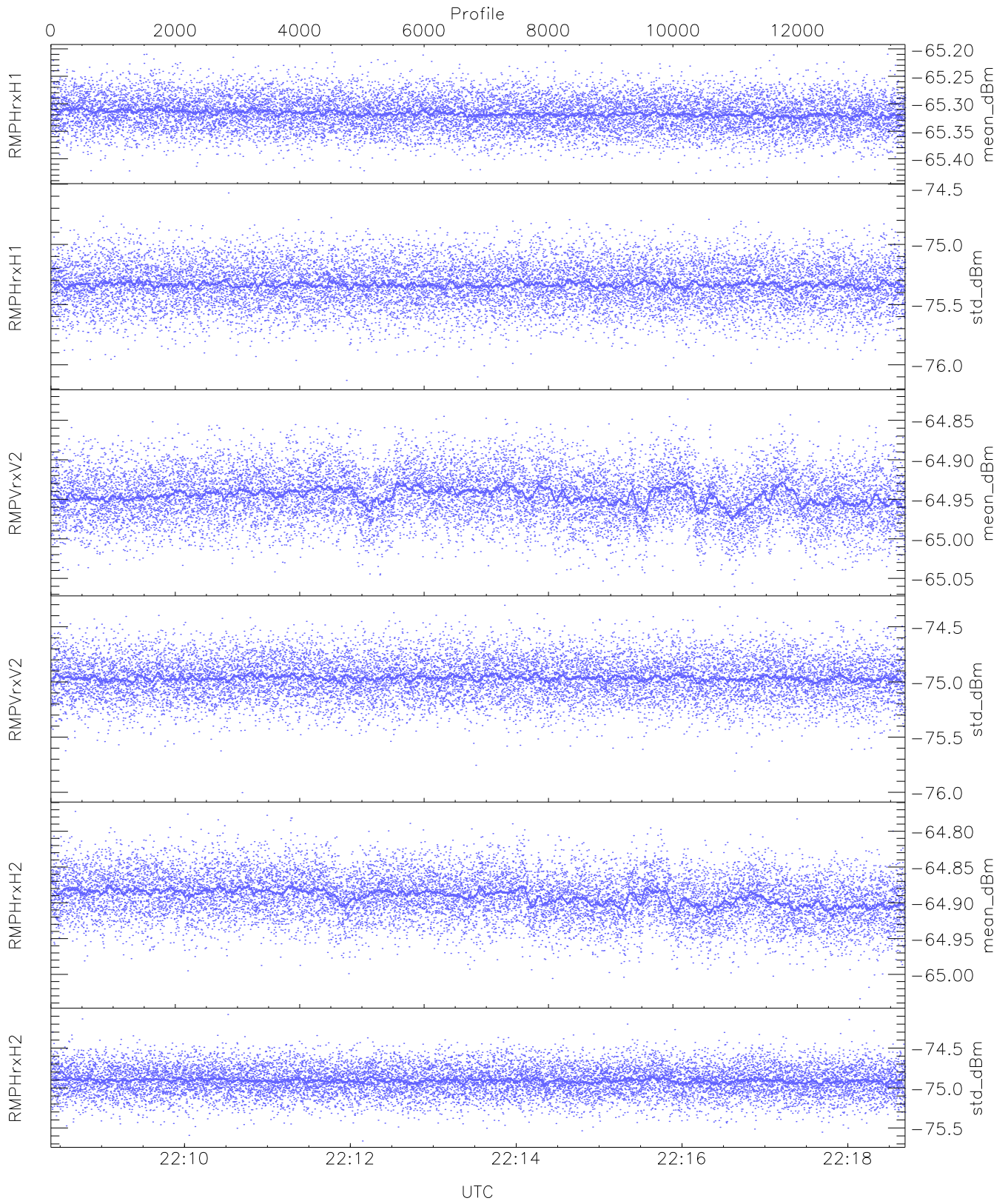
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



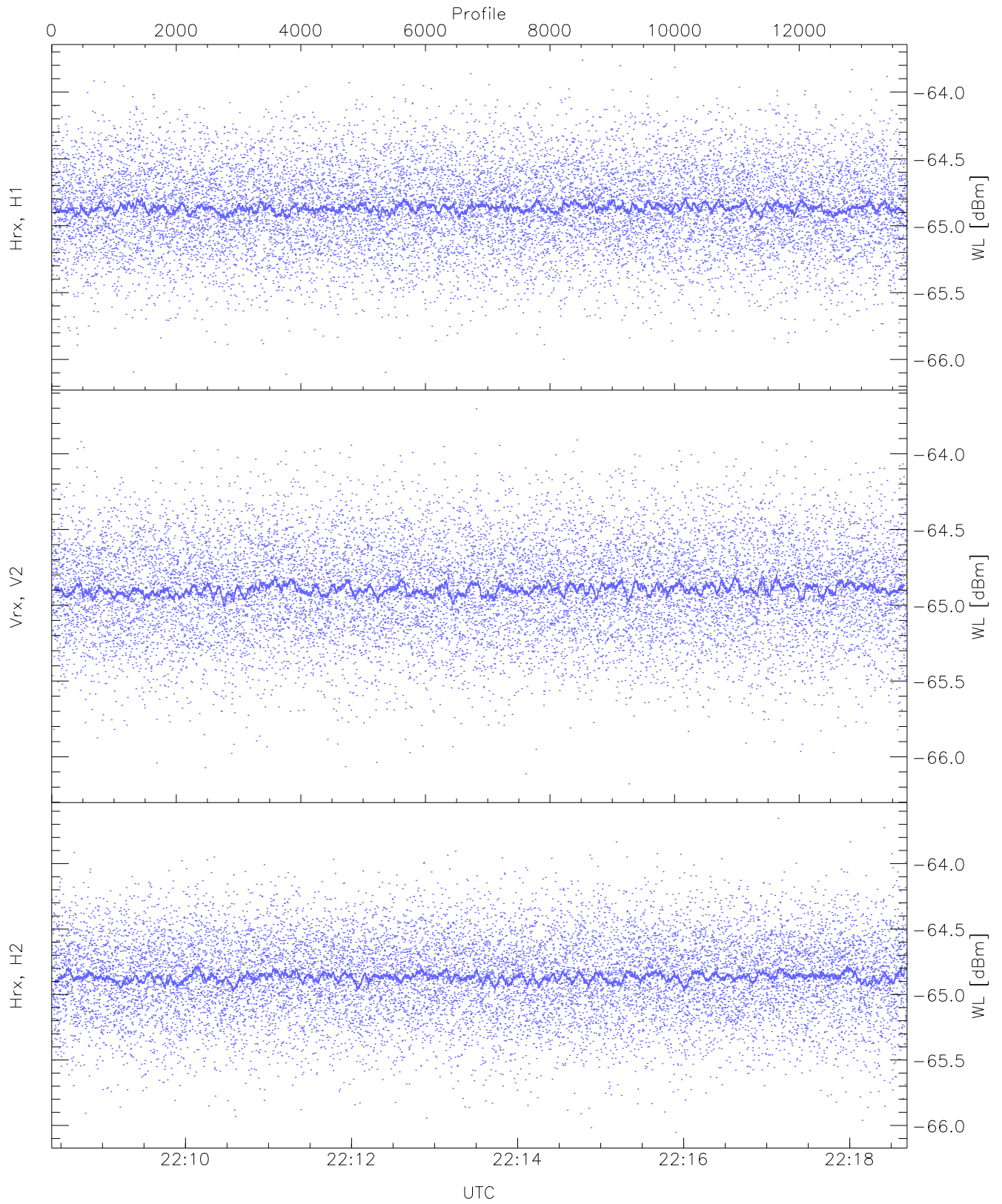
WCR3 CPP Receivers Gain and Noise Figure

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



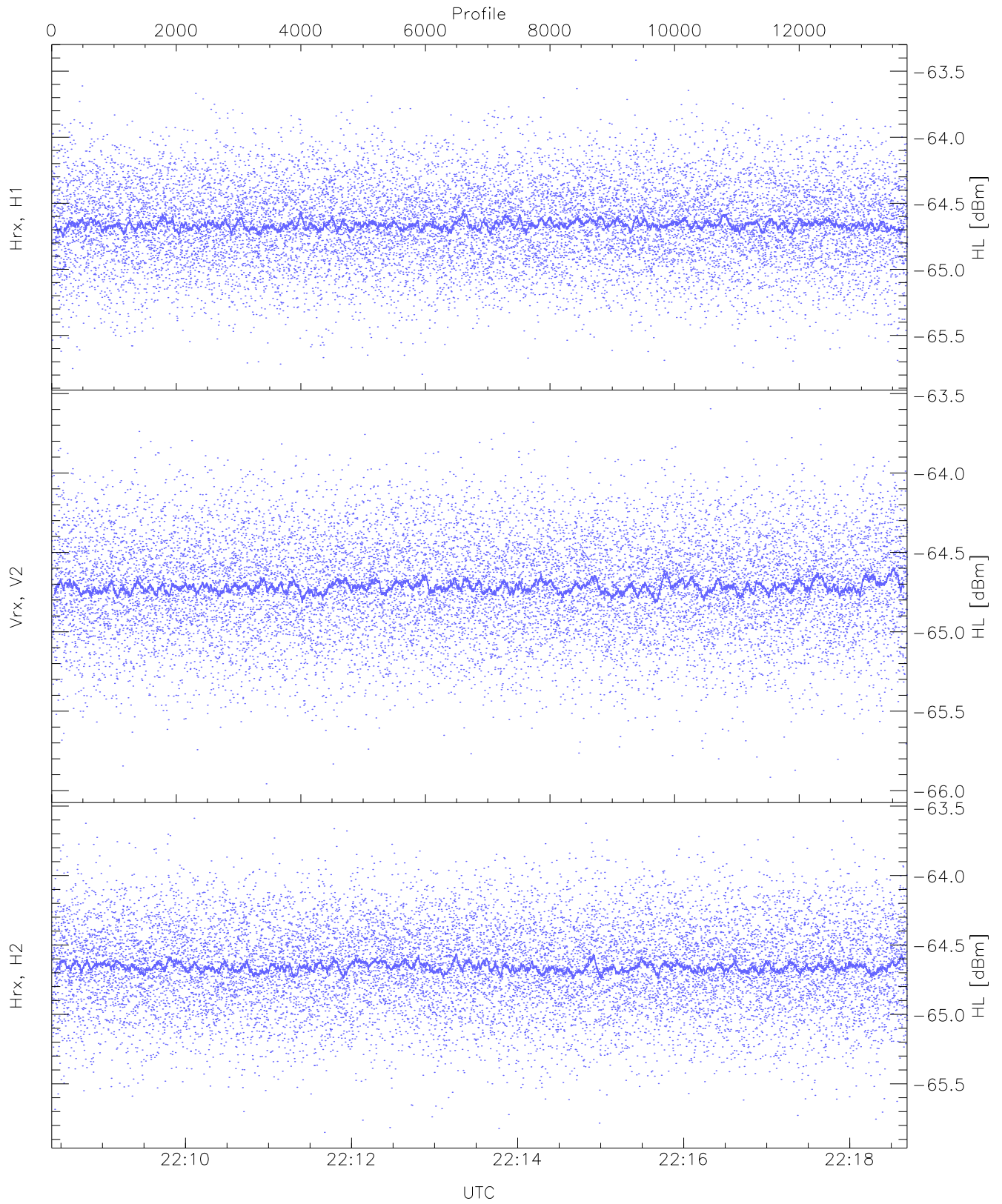
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.20	-65.32	-65.32	-86.88
RMPHrxH1(std_dBm)	-76.13	-74.57	-75.33	-75.33	-89.15
RMPVrxV2(mean_dBm)	-65.06	-64.82	-64.95	-64.95	-86.40
RMPVrxV2(std_dBm)	-76.00	-74.31	-74.96	-74.97	-88.74
RMPHrxH2(mean_dBm)	-65.03	-64.77	-64.89	-64.89	-86.33
RMPHrxH2(std_dBm)	-75.66	-74.08	-74.91	-74.91	-88.71



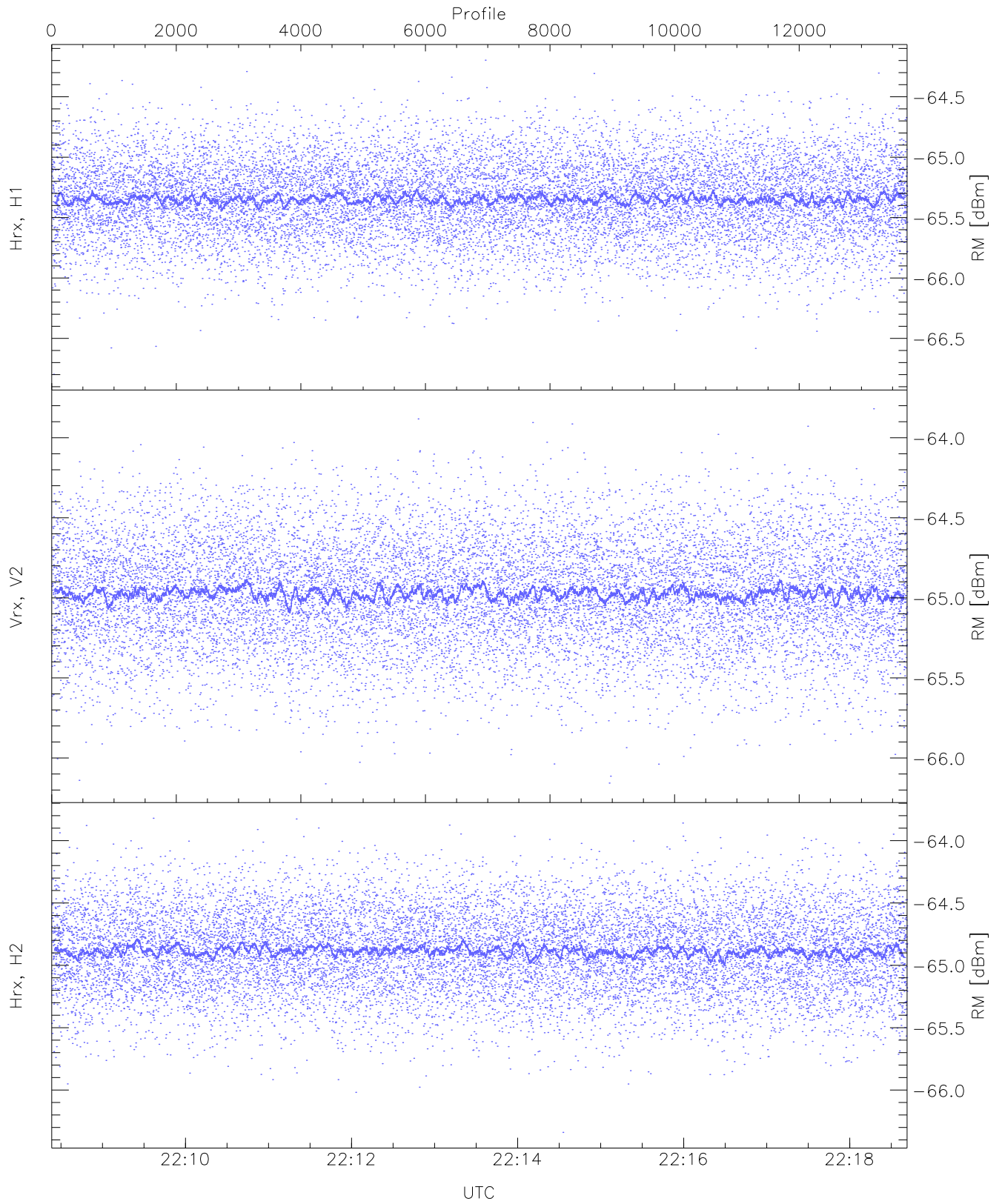
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.11	-63.76	-64.86	-64.87	-76.33
Vrx, V2 (WL [dBm])	-66.18	-63.70	-64.89	-64.90	-76.39
Hrx, H2 (WL [dBm])	-66.05	-63.65	-64.86	-64.86	-76.40



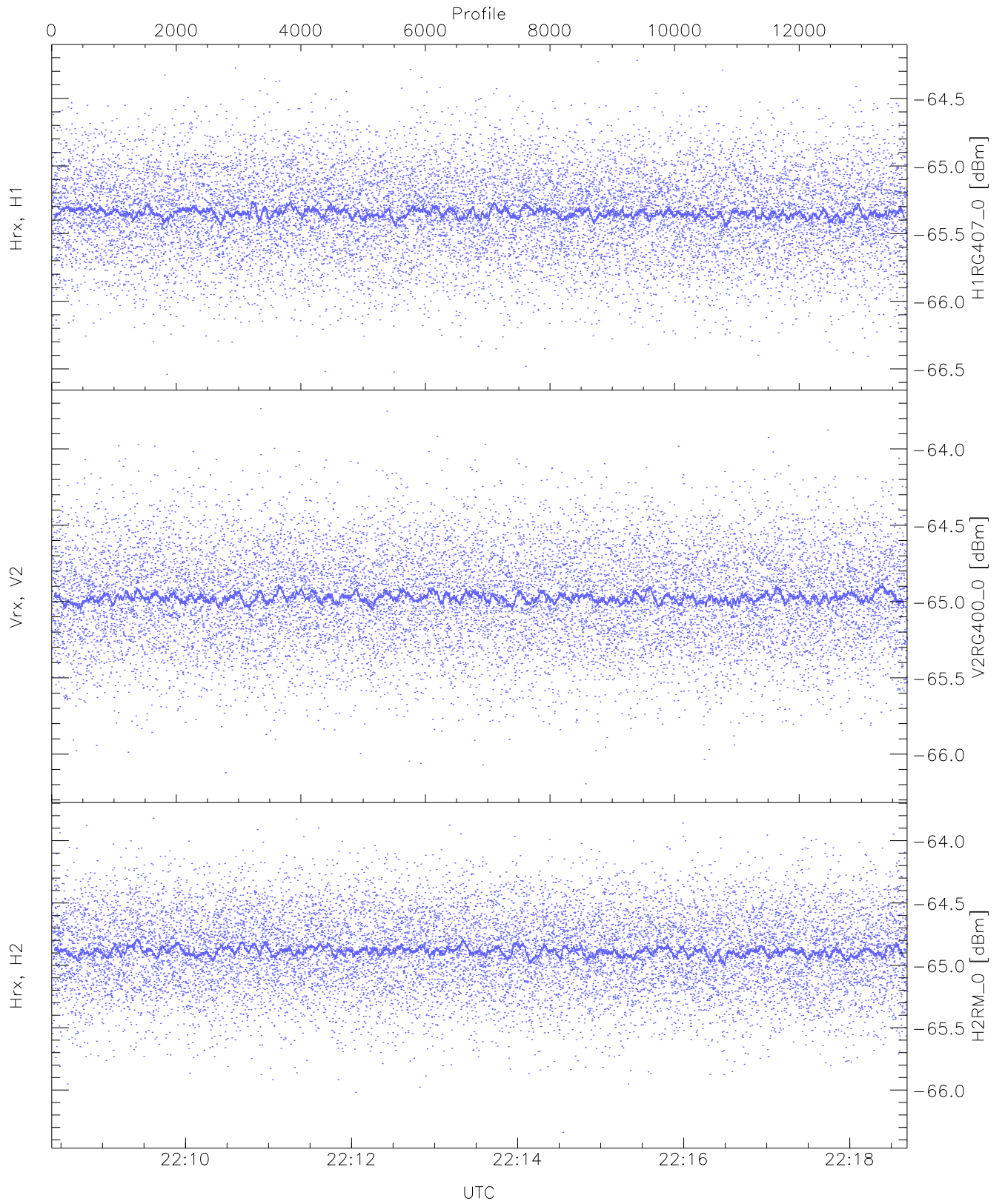
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.79	-63.42	-64.65	-64.66	-76.16
Vrx, V2 (HL [dBm])	-65.96	-63.60	-64.71	-64.72	-76.20
Hrx, H2 (HL [dBm])	-65.85	-63.59	-64.65	-64.66	-76.12



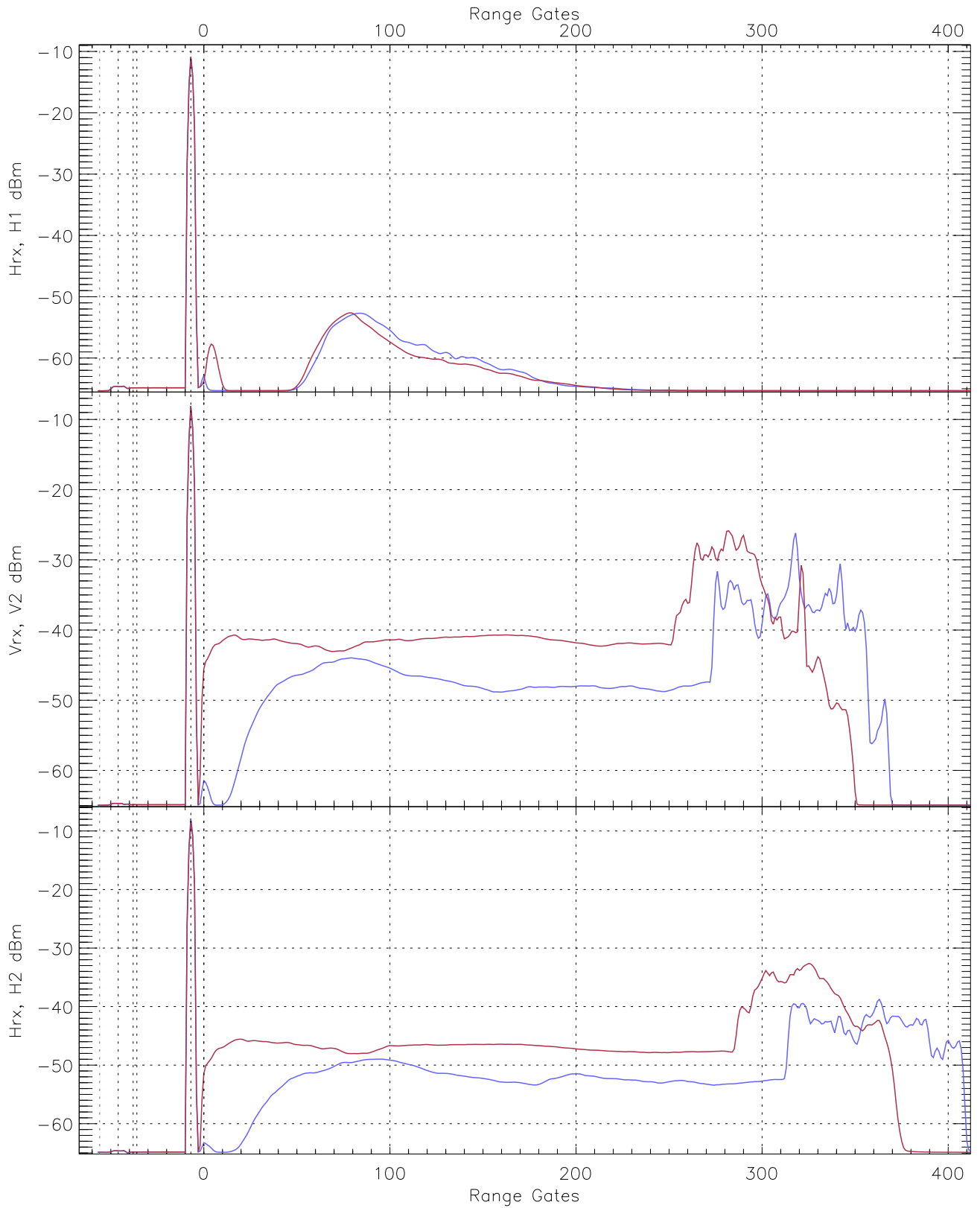
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.80	-64.20	-65.34	-65.35	-76.85
Vrx, V2 (RM [dBm])	-66.16	-63.82	-64.97	-64.97	-76.45
Hrx, H2 (RM [dBm])	-66.34	-63.82	-64.88	-64.89	-76.35

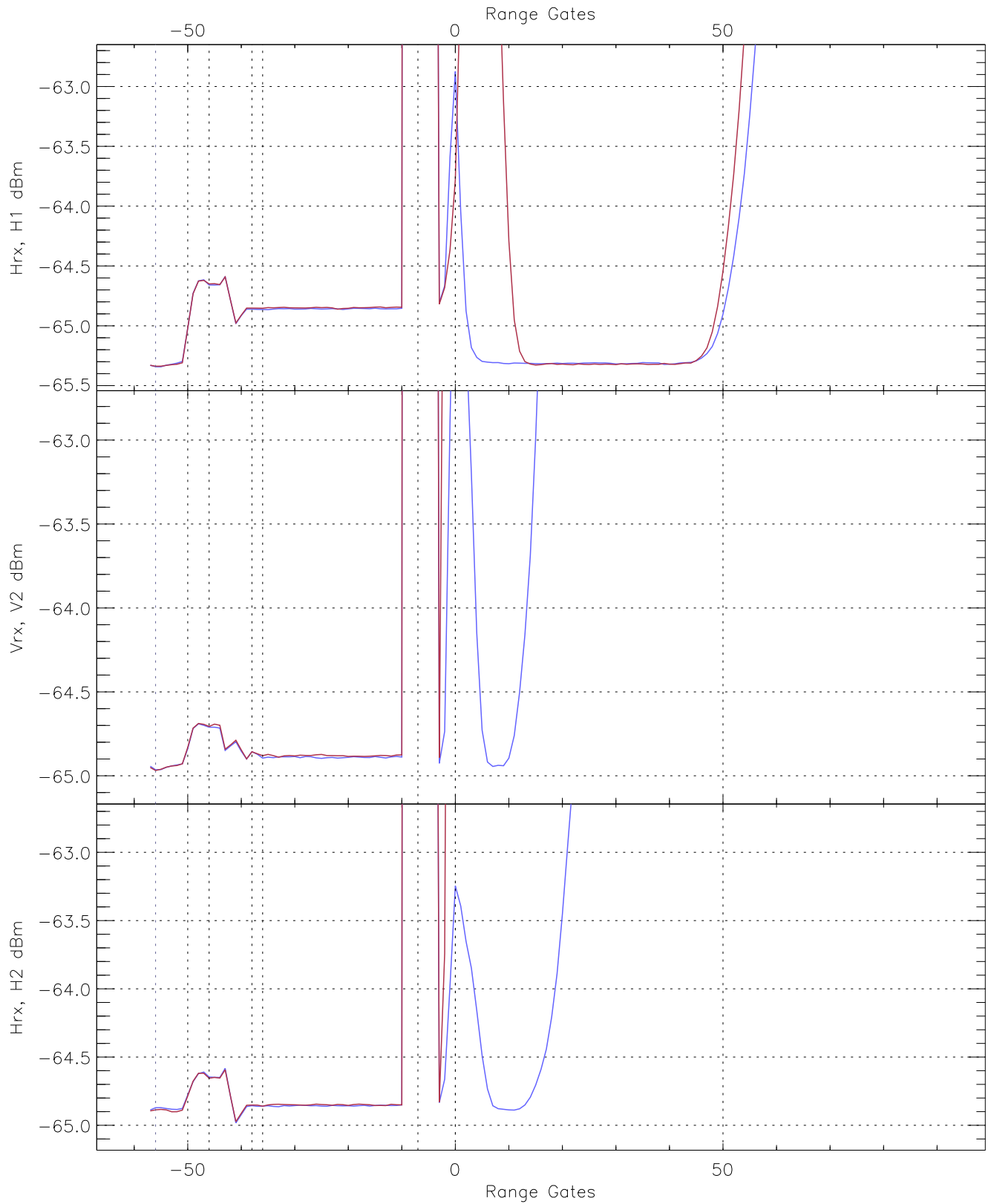


WCR3 CPP "Best" estimate Receivers Noise Power

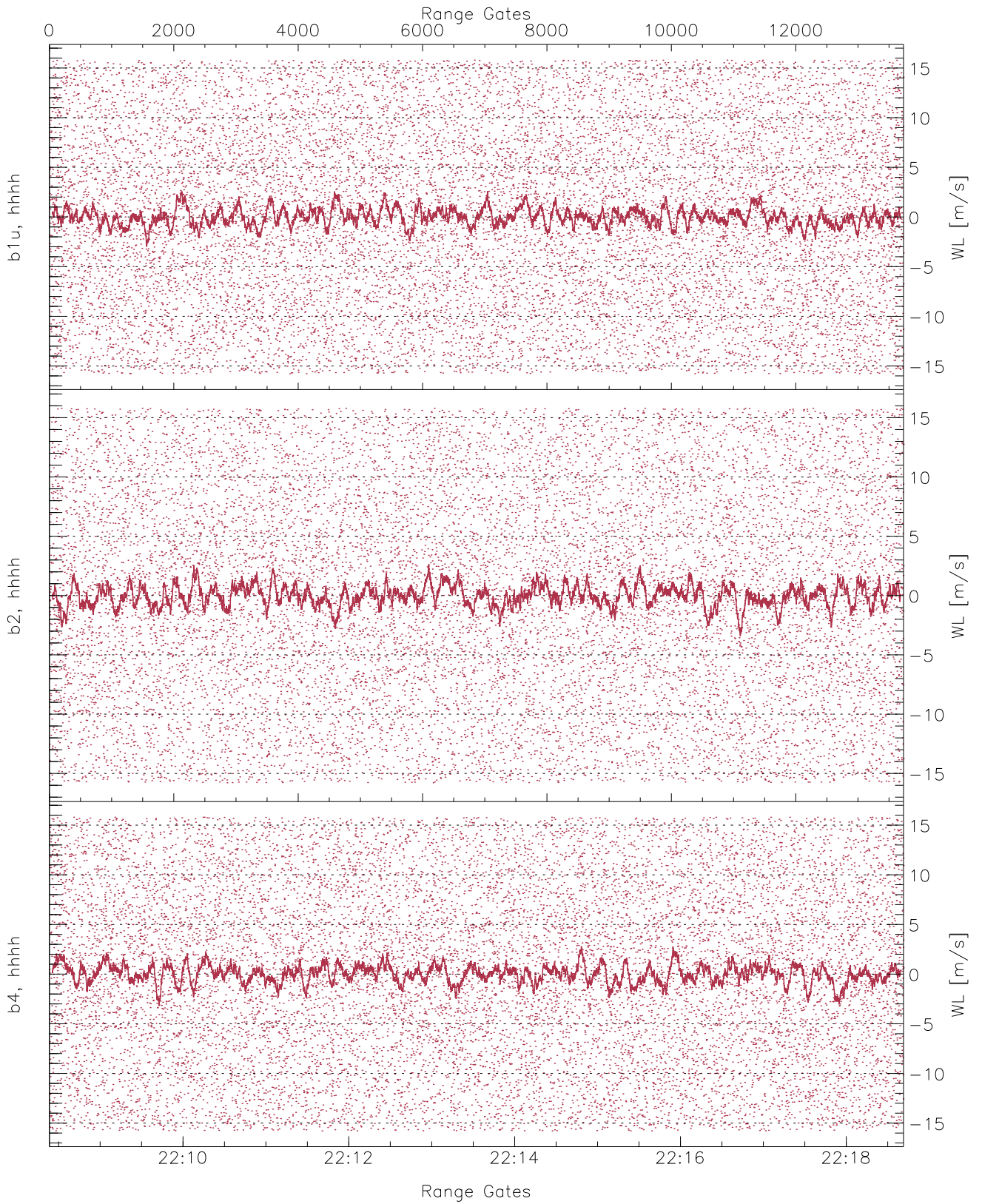
	Min	Max	Mean	Median	StDev
H1RG407_0 [dBm]	-66.54	-64.22	-65.34	-65.34	-76.84
V2RG400_0 [dBm]	-66.19	-63.74	-64.97	-64.98	-76.52
H2RM_0 [dBm]	-66.34	-63.82	-64.88	-64.89	-76.35



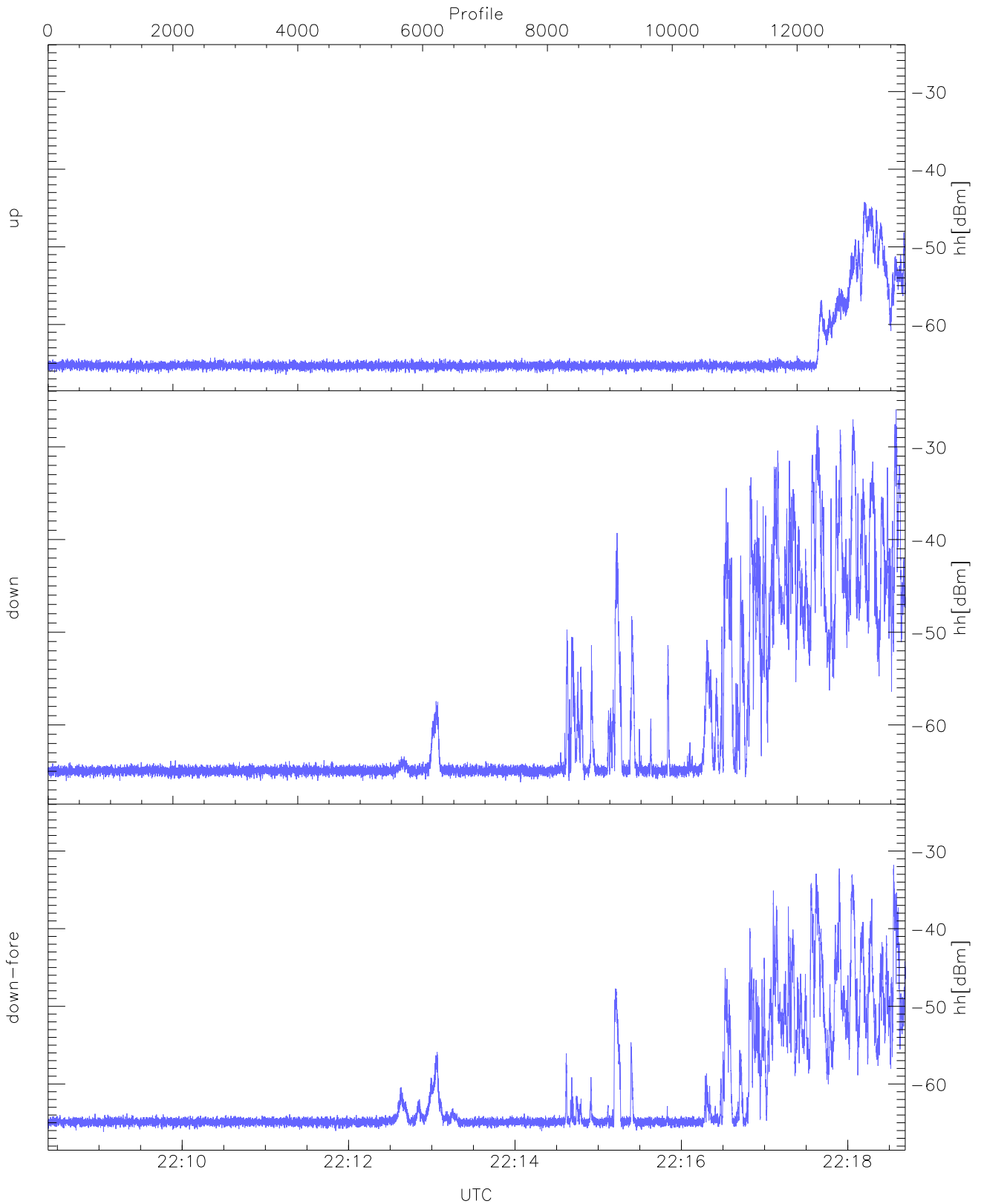
WCR3 CPP Averaged Received power for all recorded gates
blue: 220823-221332, 6868 profiles averaged
red: 221332-221841, 6867 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 220823-221332, 6868 profiles averaged
red: 221332-221841, 6867 profiles averaged

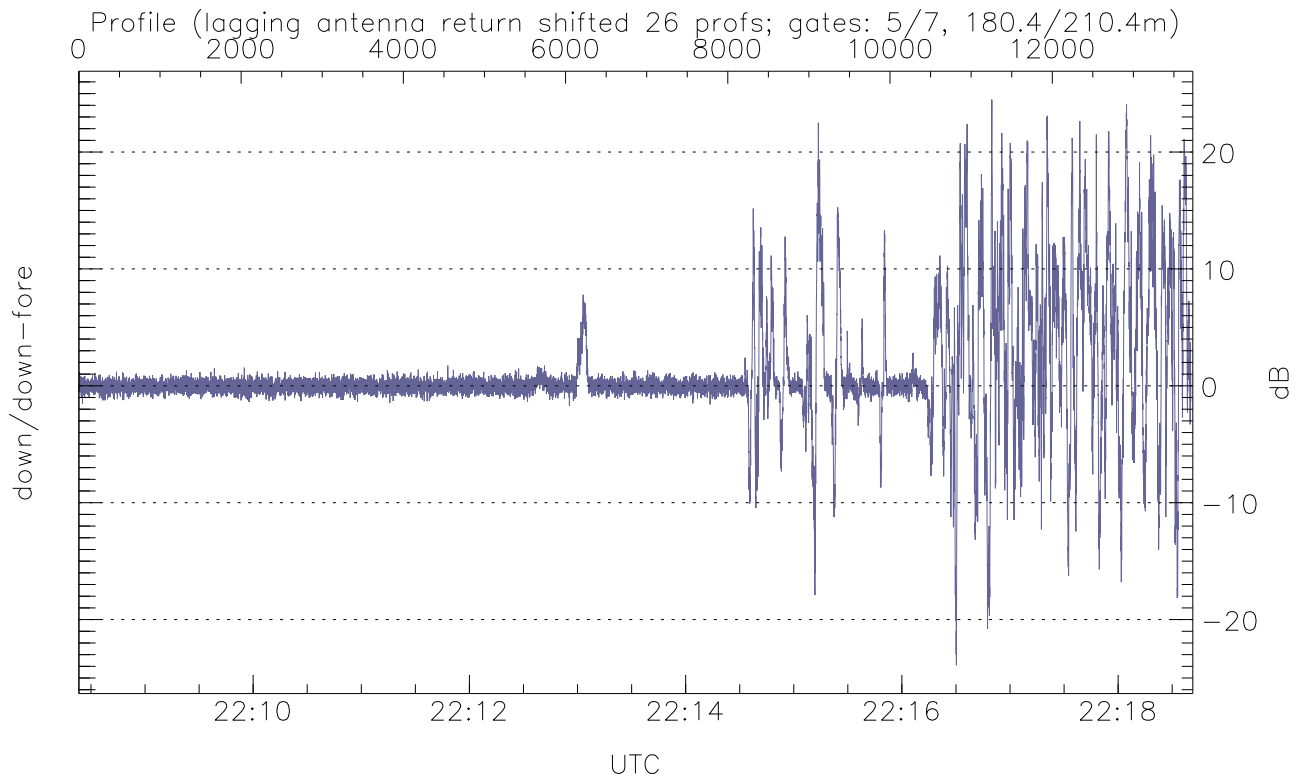
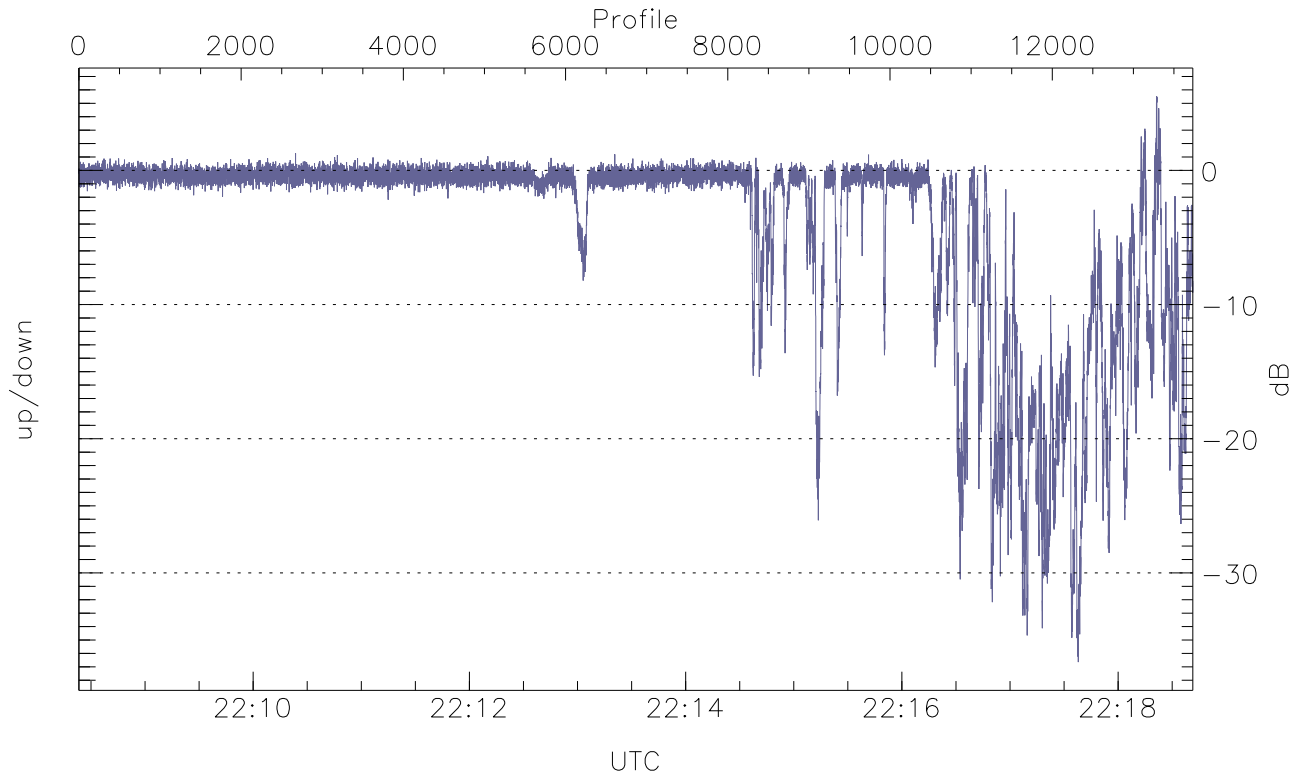


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



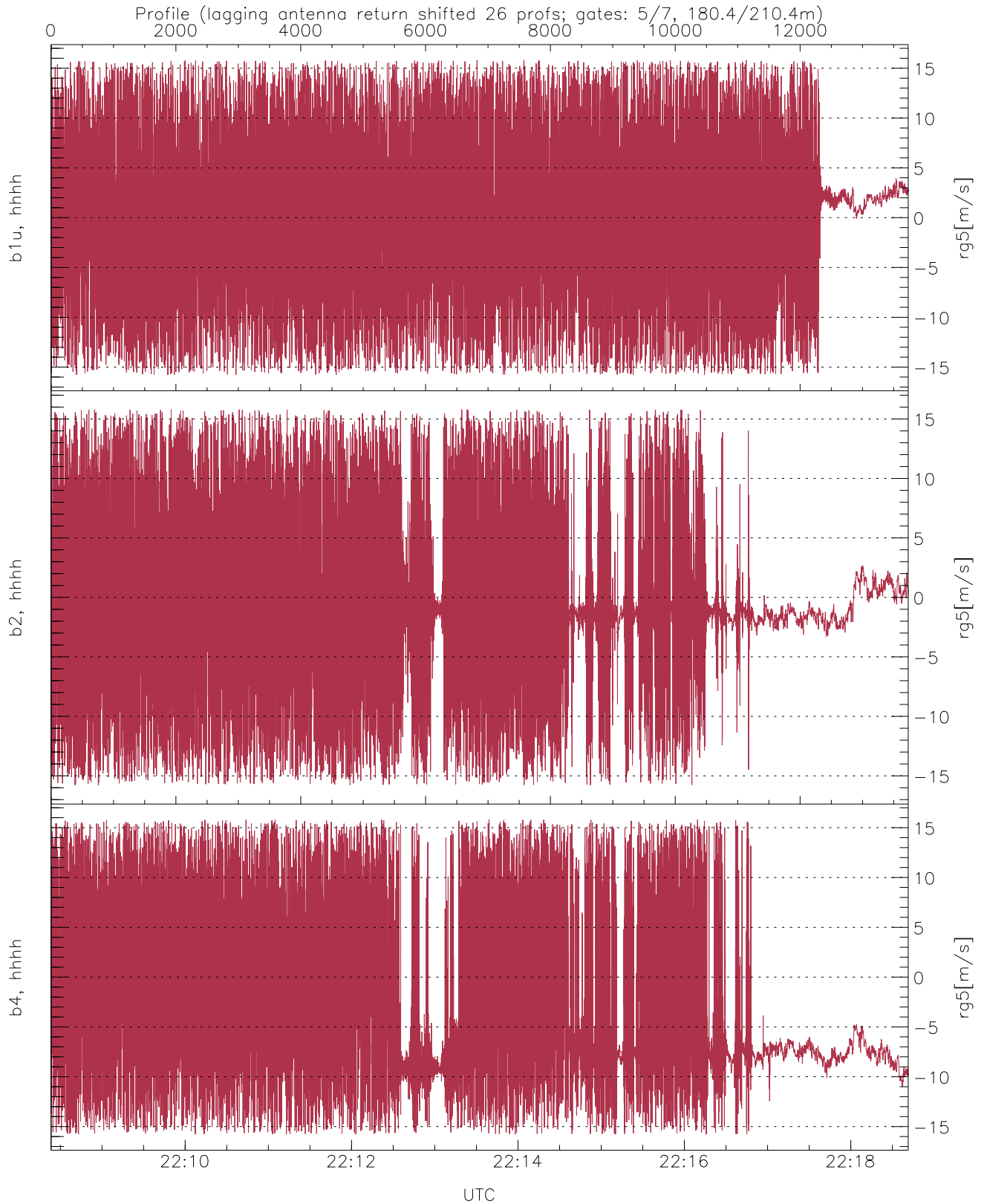
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.50	-44.24	-60.24
down(hh[dBm])	-66.17	-25.98	-45.38
down-fore(hh[dBm])	-66.15	-31.79	-51.16



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

	Min	Max	Mean
up/down (dB)	-36.64	5.52	-4.12
down/down-fore (dB)	-23.91	24.50	1.09



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.22	8.01
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.47	6.93
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.51	8.19