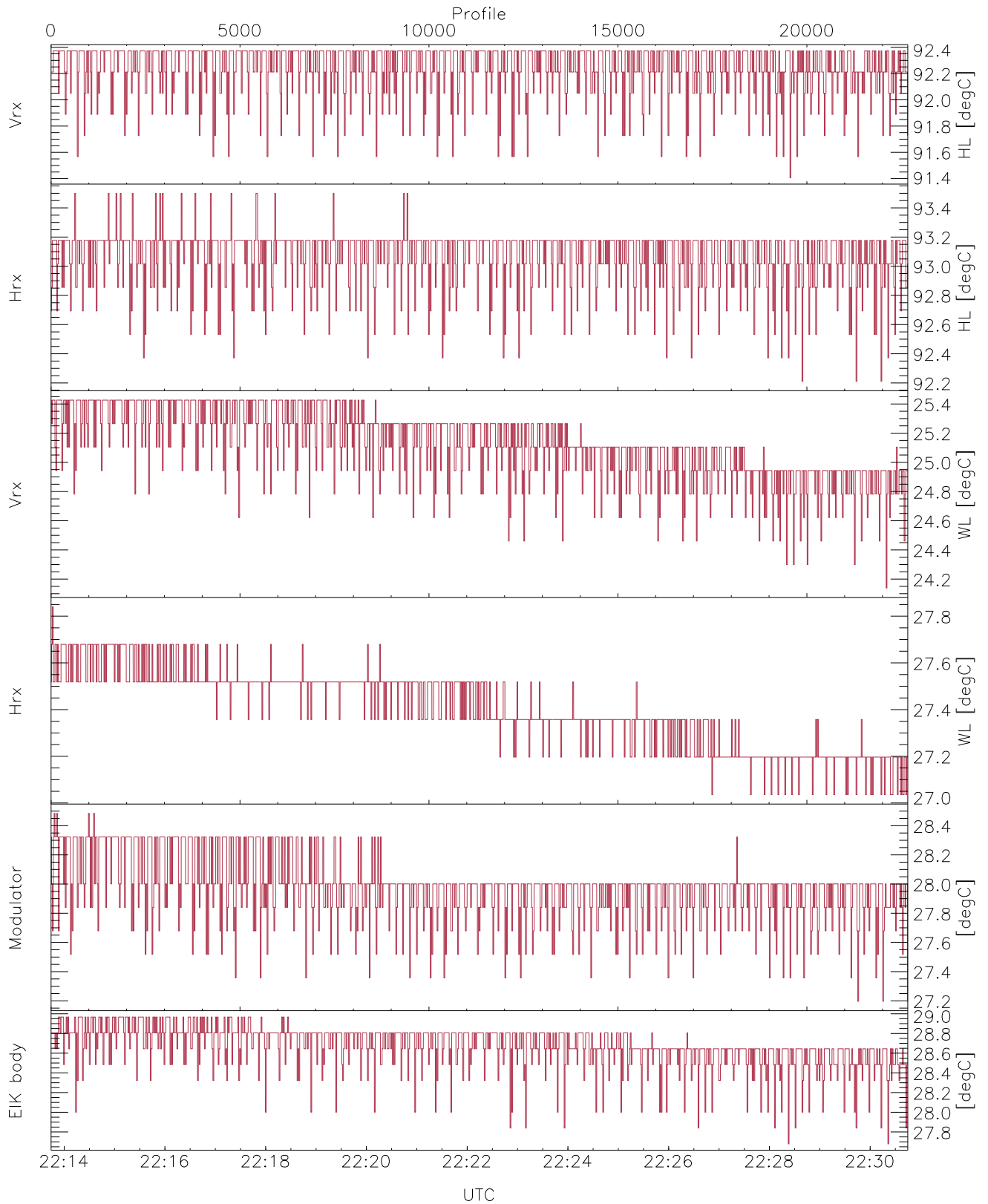


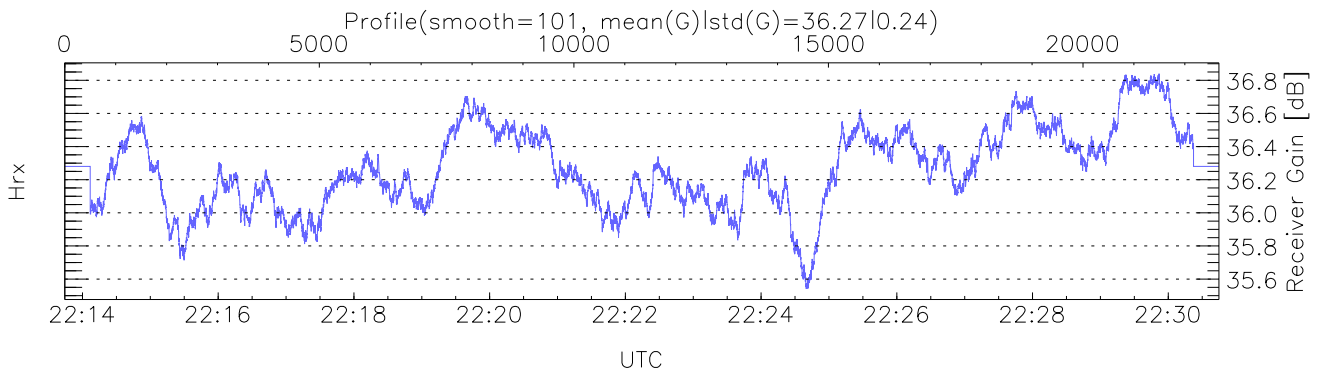
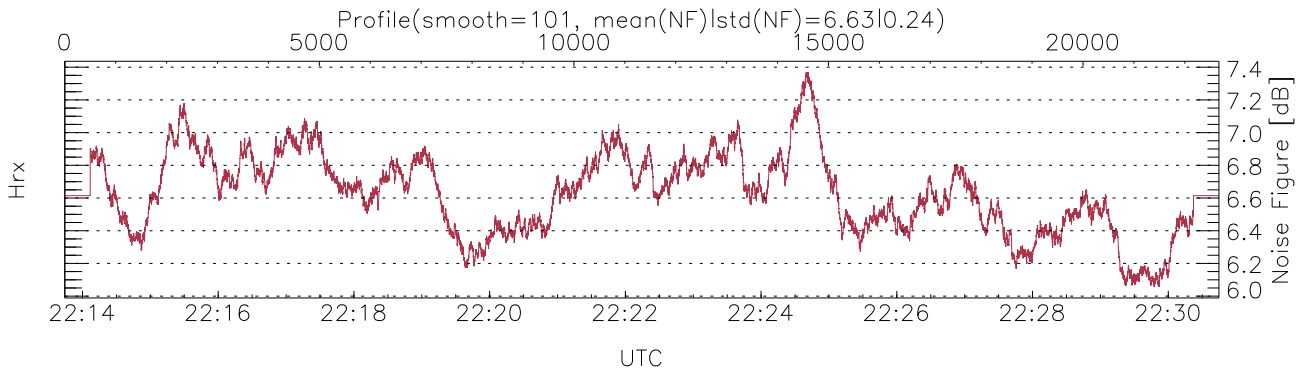
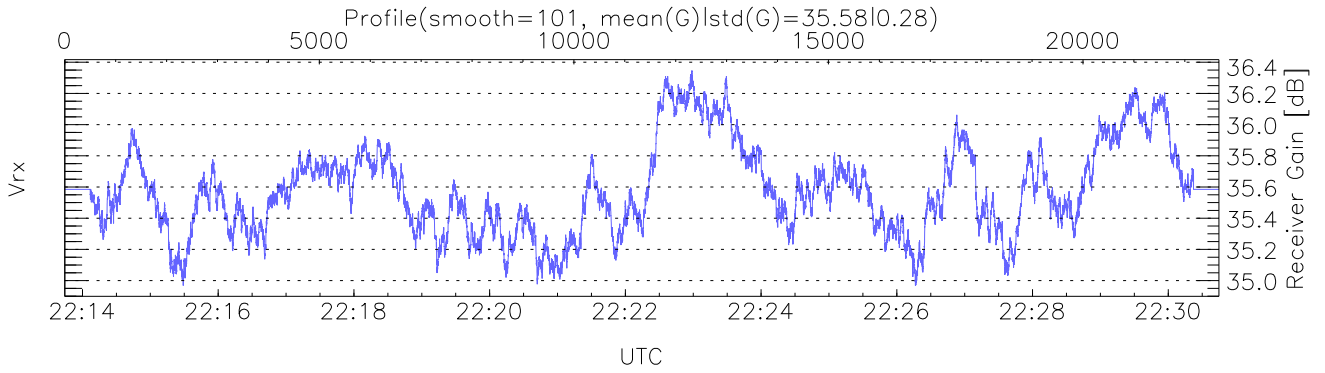
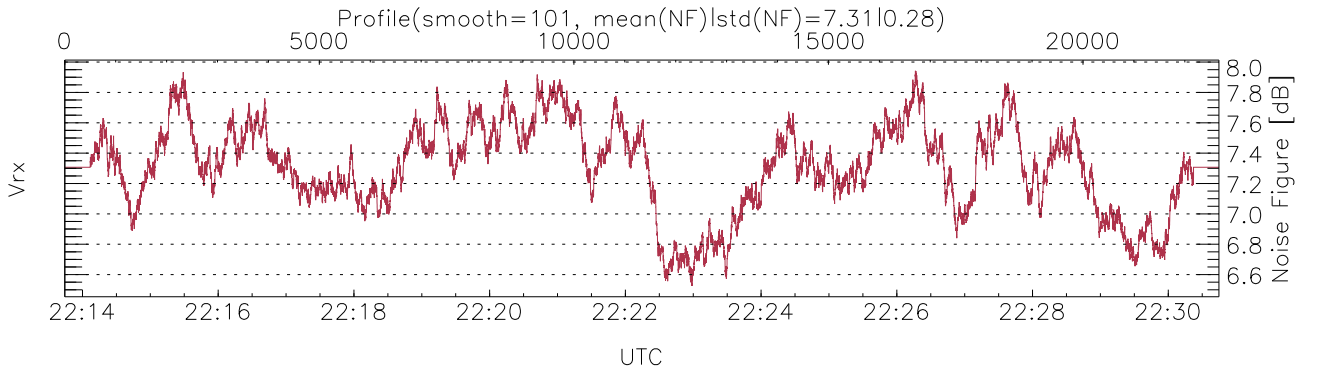
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:13:44-22:30:45, 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, 0-22671/22:13:44-22:30:45
 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



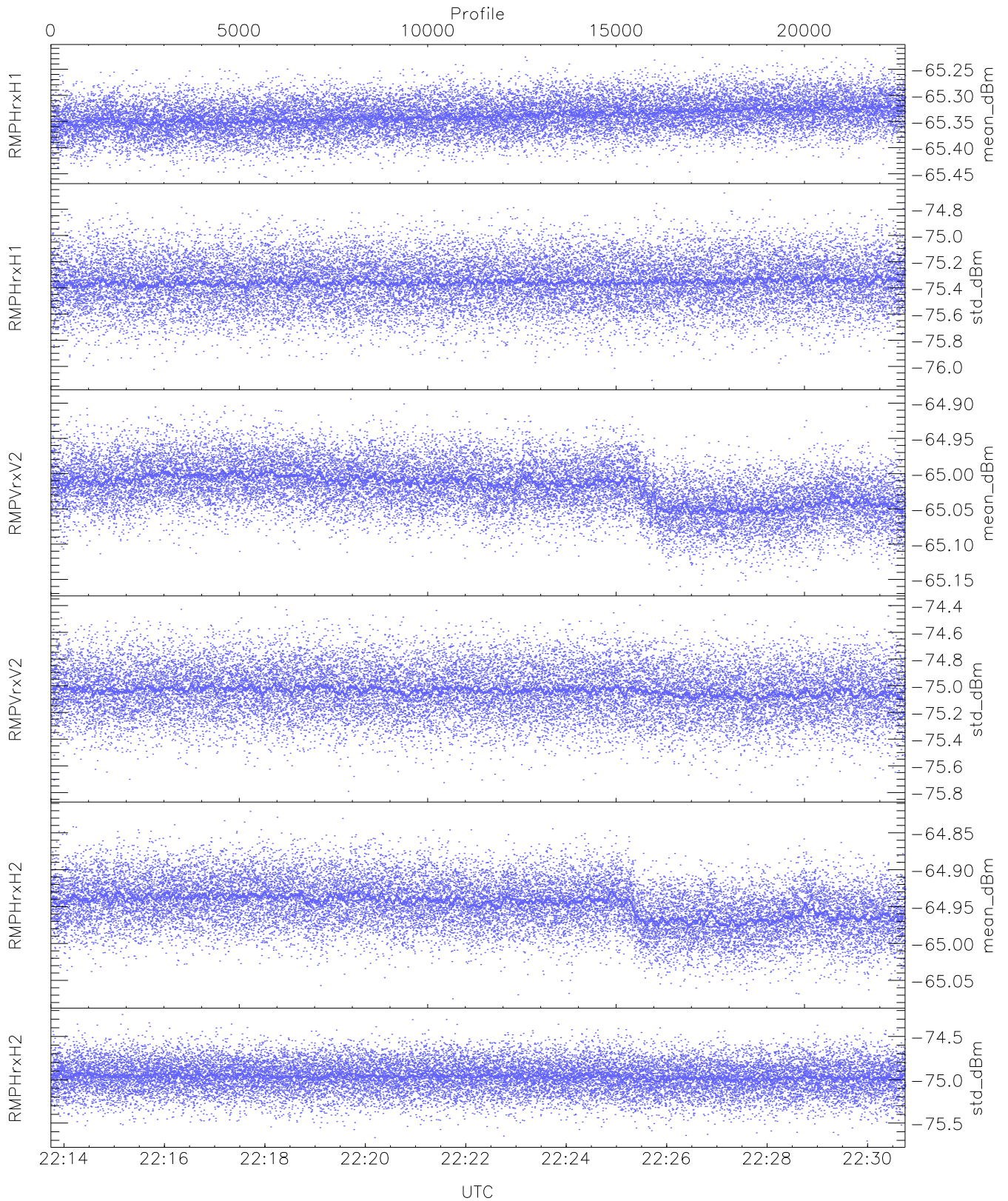
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,27,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,28,28`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK/Modulator Faults: None`



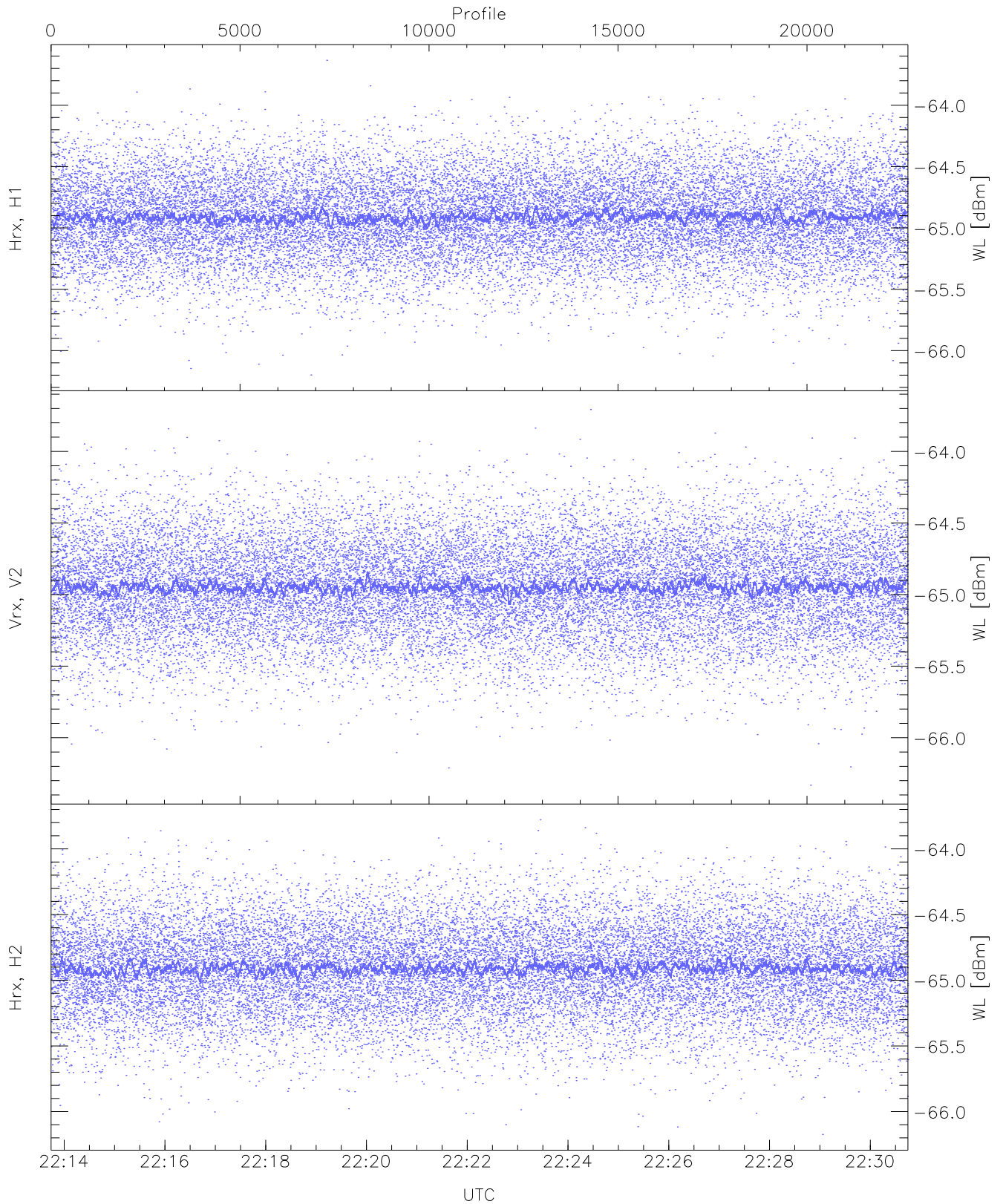
WCR3 CPP Receivers Gain and Noise Figure

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



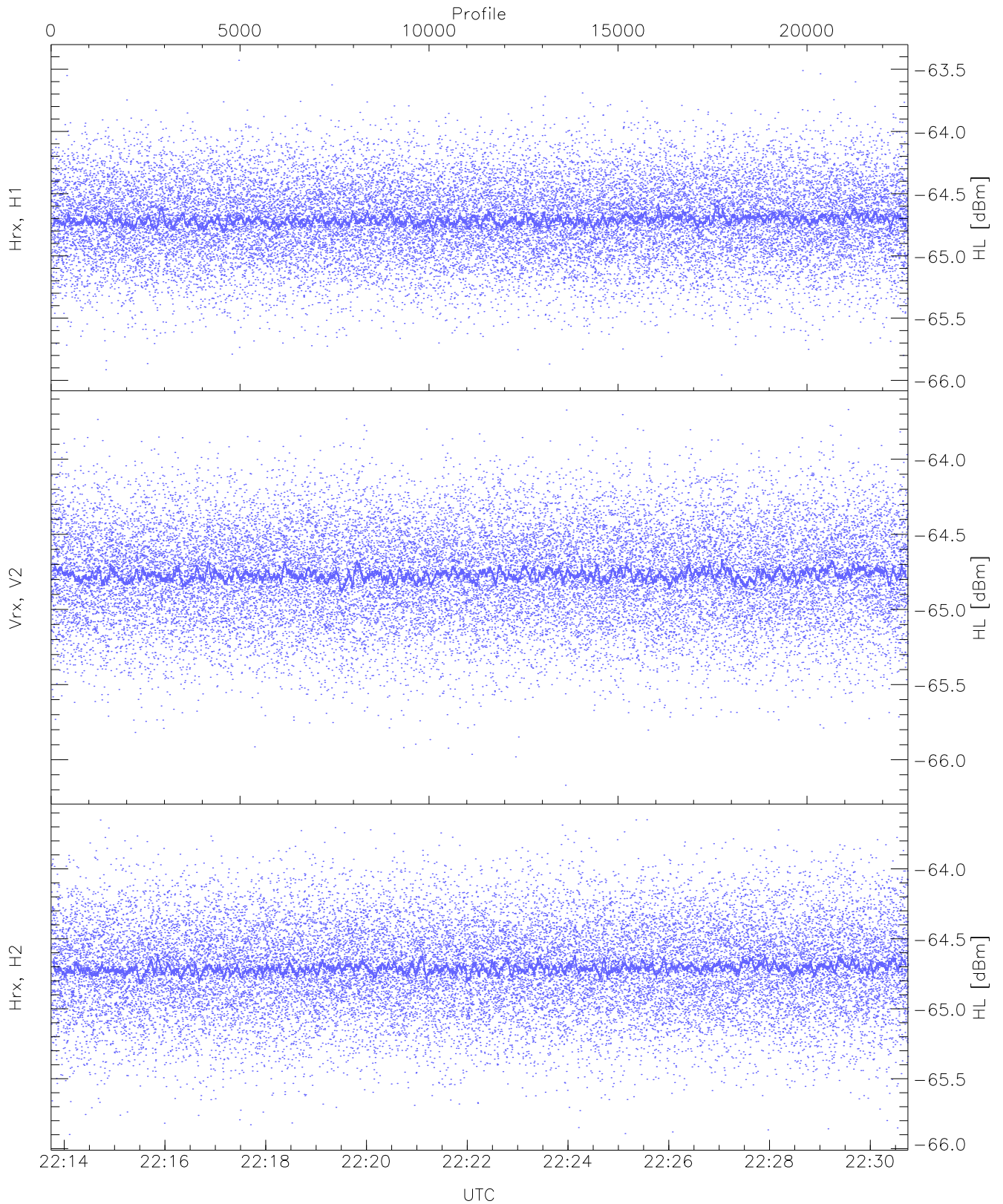
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.46	-65.21	-65.34	-65.34	-86.70
RMPHrxH1 (std_dBm)	-76.11	-74.68	-75.35	-75.36	-89.15
RMPVrxV2 (mean_dBm)	-65.16	-64.89	-65.02	-65.02	-85.91
RMPVrxV2 (std_dBm)	-75.80	-74.40	-75.04	-75.04	-88.77
RMPHrxH2 (mean_dBm)	-65.07	-64.82	-64.95	-64.95	-86.15
RMPHrxH2 (std_dBm)	-75.71	-74.25	-74.96	-74.96	-88.75



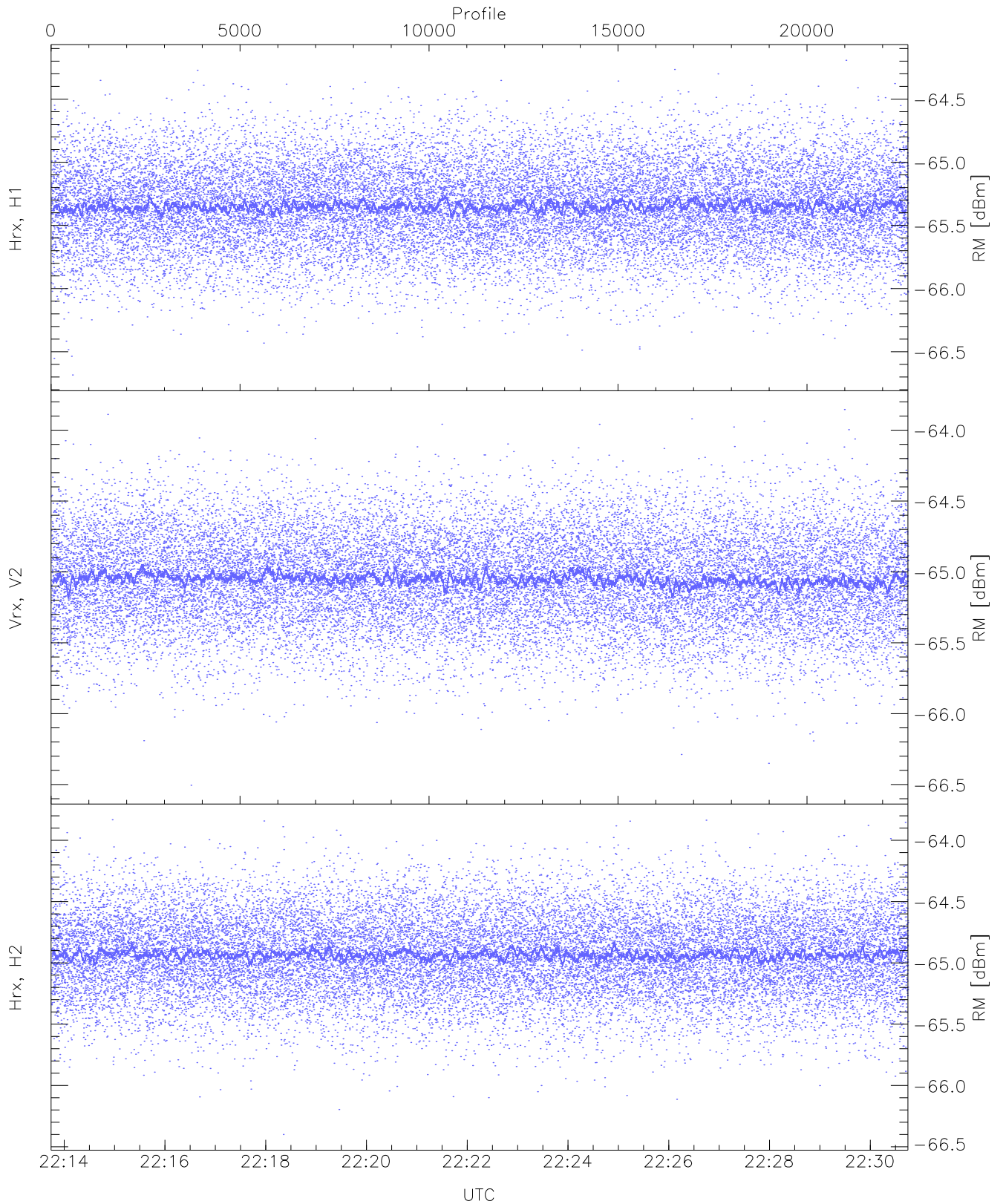
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.20	-63.63	-64.91	-64.91	-76.43
Vrx, V2 (WL [dBm])	-66.33	-63.71	-64.94	-64.95	-76.45
Hrx, H2 (WL [dBm])	-66.17	-63.78	-64.90	-64.91	-76.42



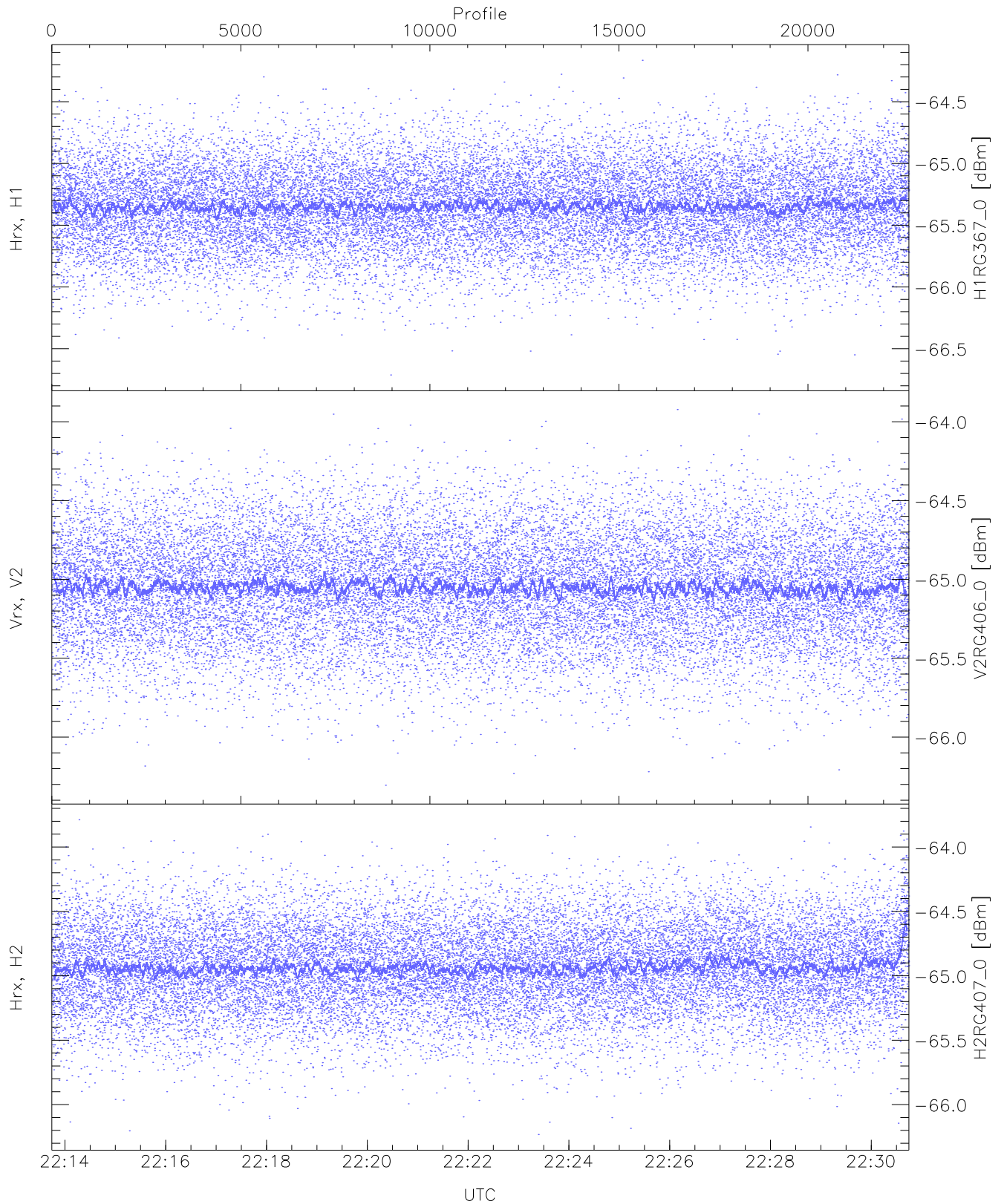
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.96	-63.43	-64.70	-64.71	-76.20
Vrx, V2 (HL [dBm])	-66.17	-63.67	-64.76	-64.77	-76.27
Hrx, H2 (HL [dBm])	-65.90	-63.65	-64.70	-64.71	-76.17



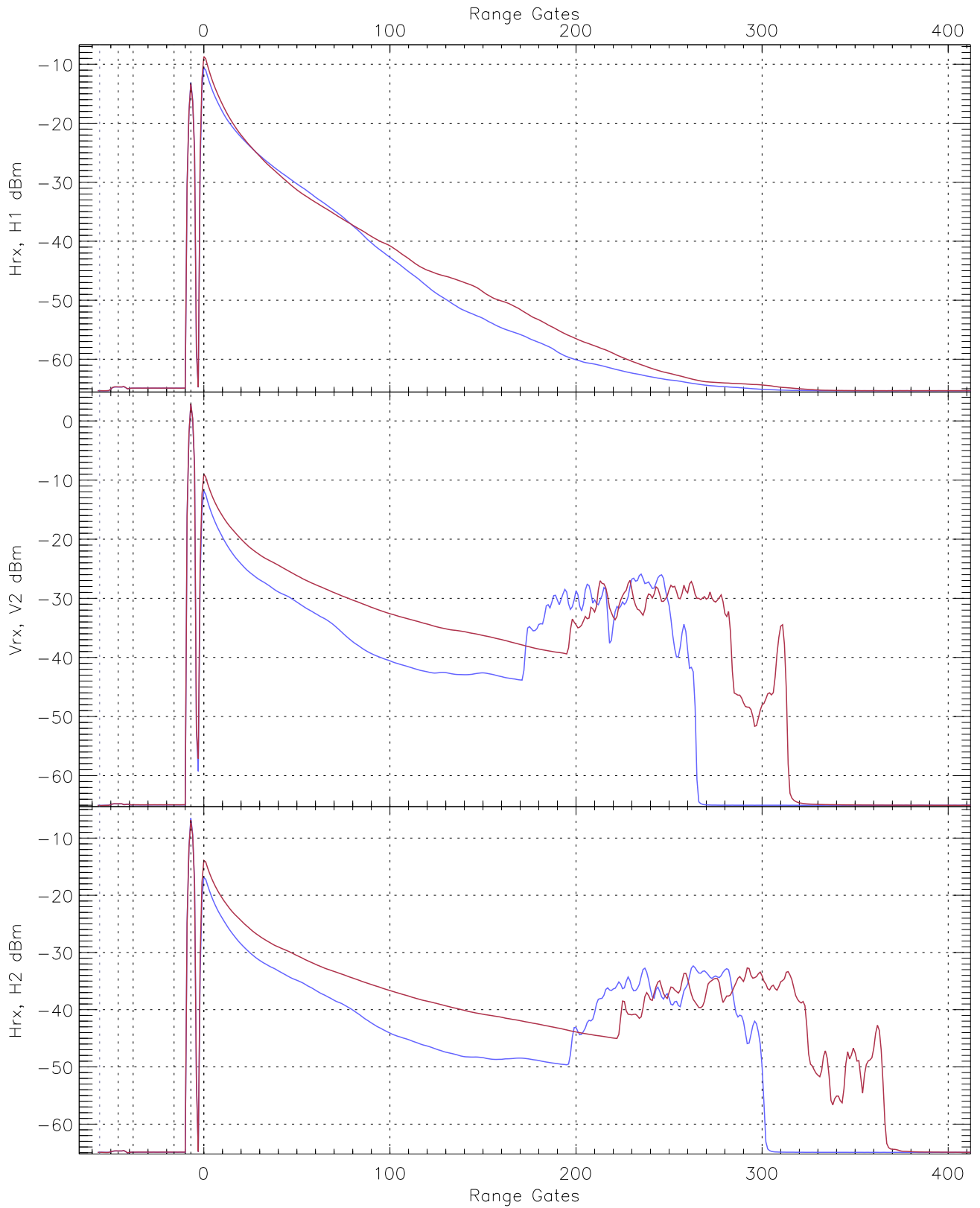
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.68	-64.19	-65.34	-65.35	-76.84
Vrx, V2 (RM [dBm])	-66.51	-63.85	-65.04	-65.05	-76.58
Hrx, H2 (RM [dBm])	-66.40	-63.83	-64.93	-64.94	-76.41

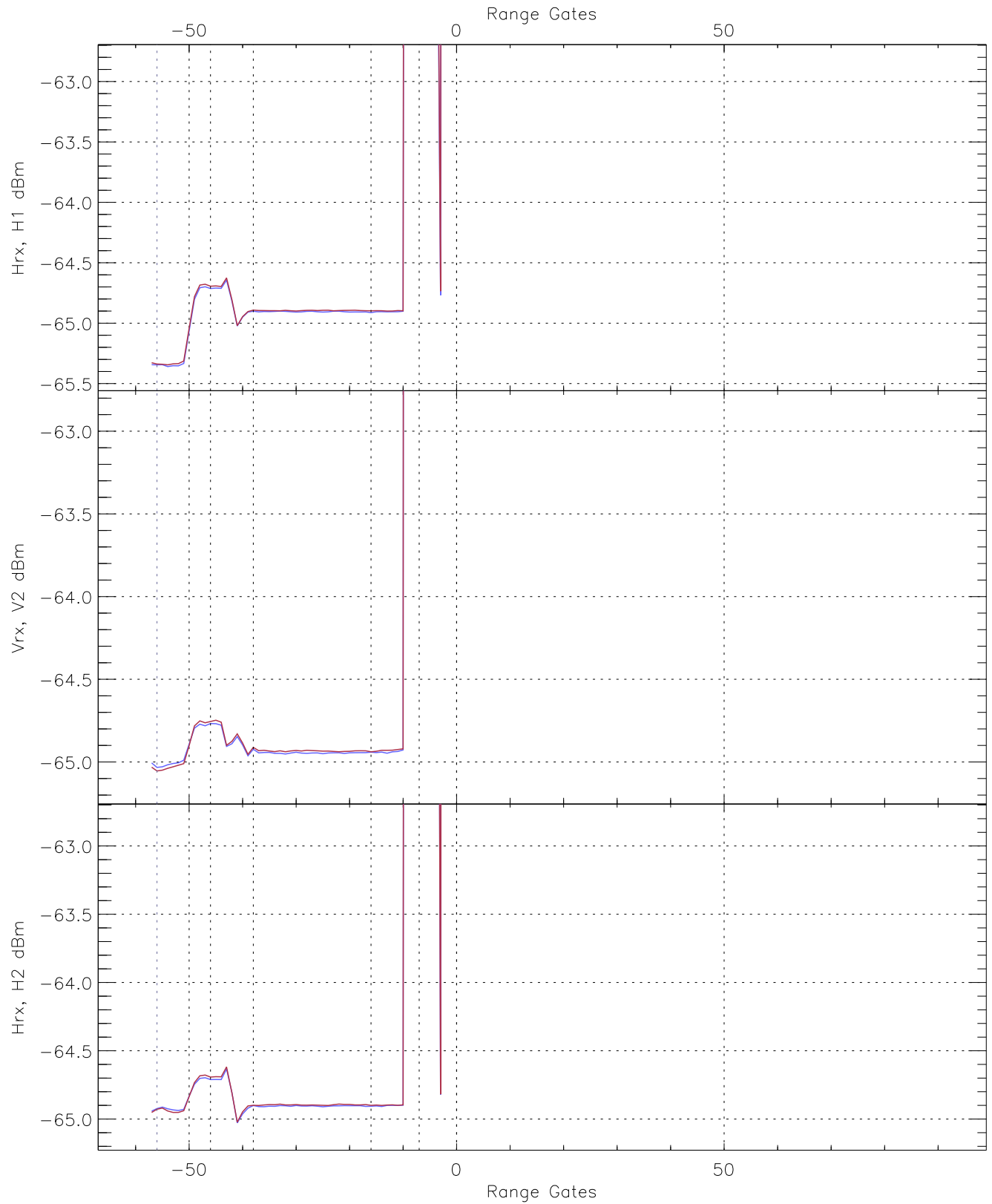


WCR3 CPP "Best" estimate Receivers Noise Power

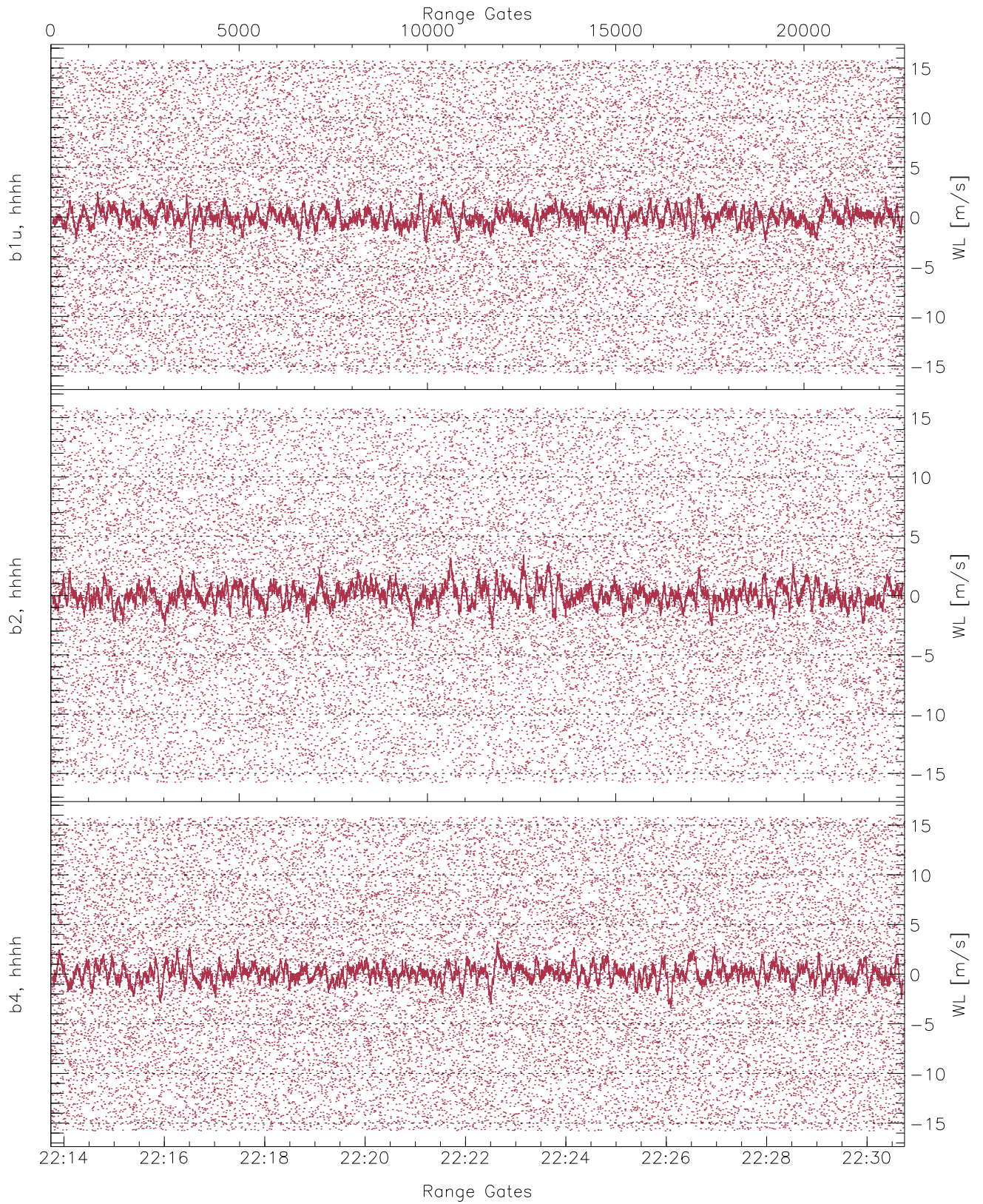
	Min	Max	Mean	Median	StDev
H1RG367_0 [dBm]	-66.71	-64.16	-65.34	-65.35	-76.86
V2RG406_0 [dBm]	-66.31	-63.92	-65.04	-65.05	-76.52
H2RG407_0 [dBm]	-66.23	-63.79	-64.93	-64.94	-76.44



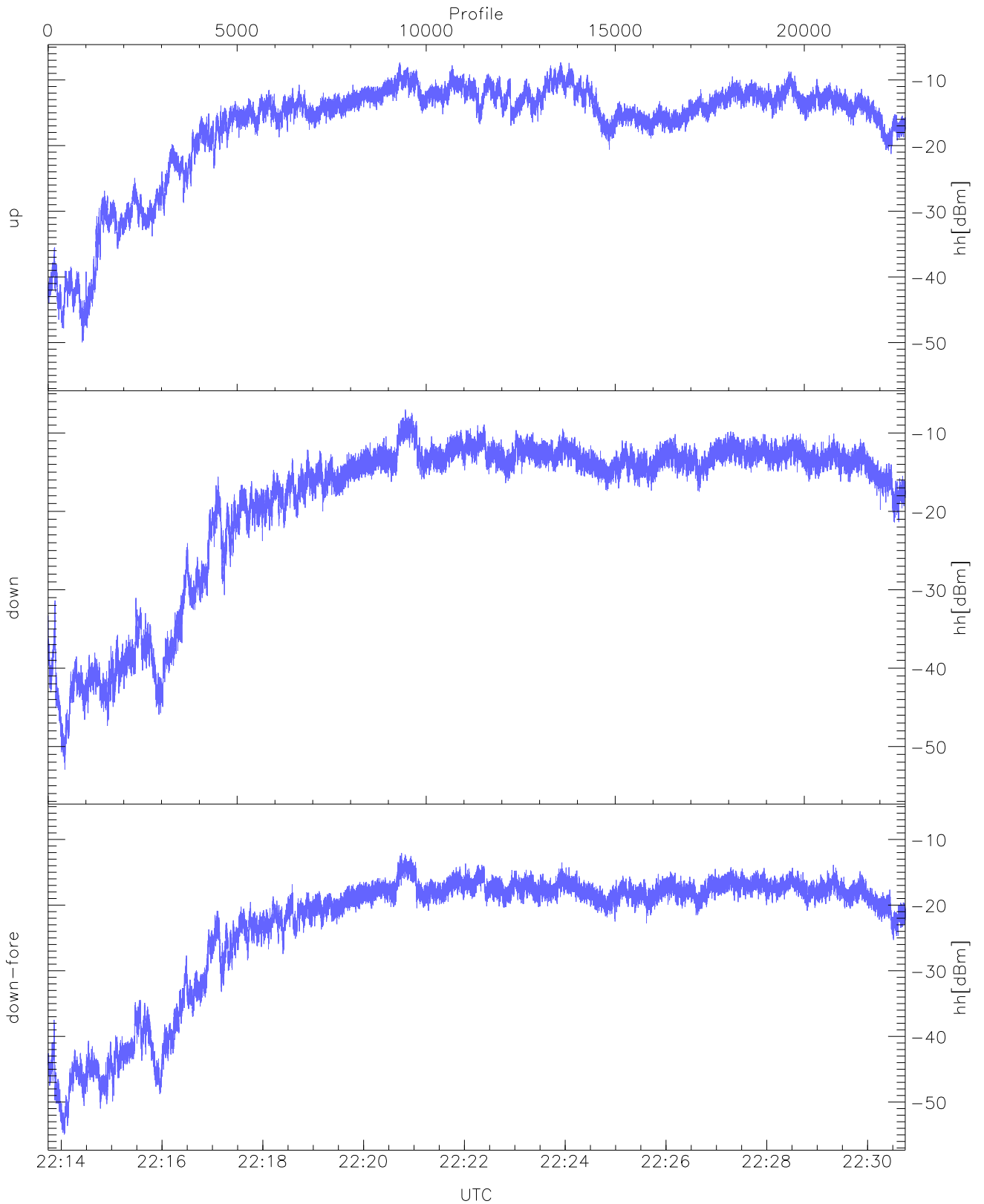
WCR3 CPP Averaged Received power for all recorded gates
blue: 221344-222215, 11337 profiles averaged
red: 222215-223045, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 221344-222215, 11337 profiles averaged
red: 222215-223045, 11336 profiles averaged

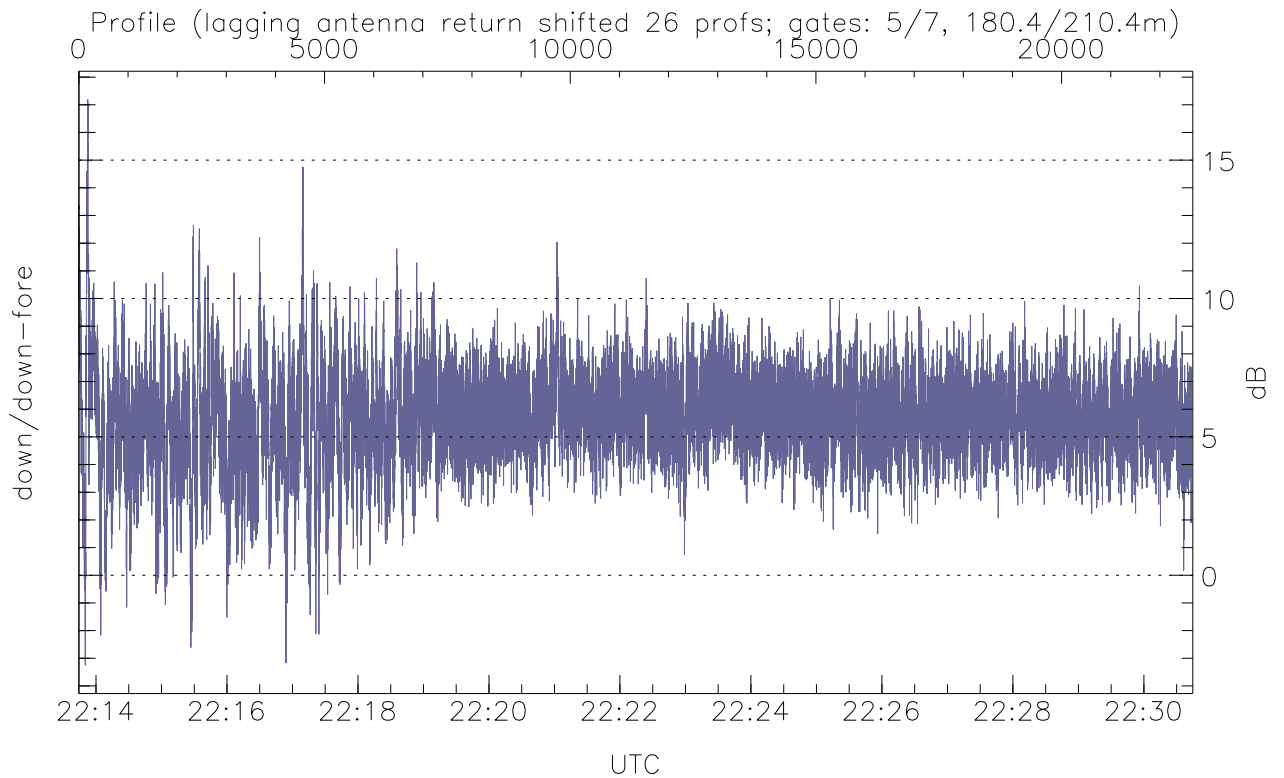
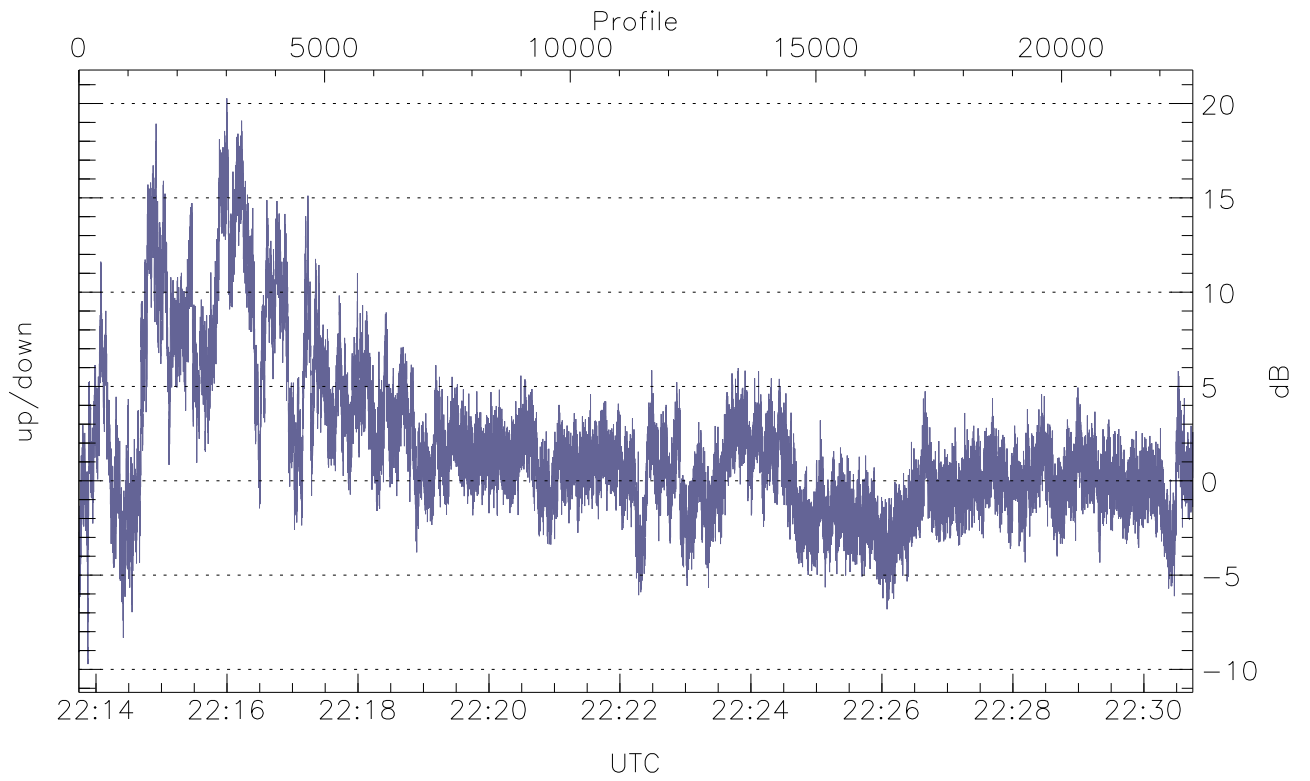


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



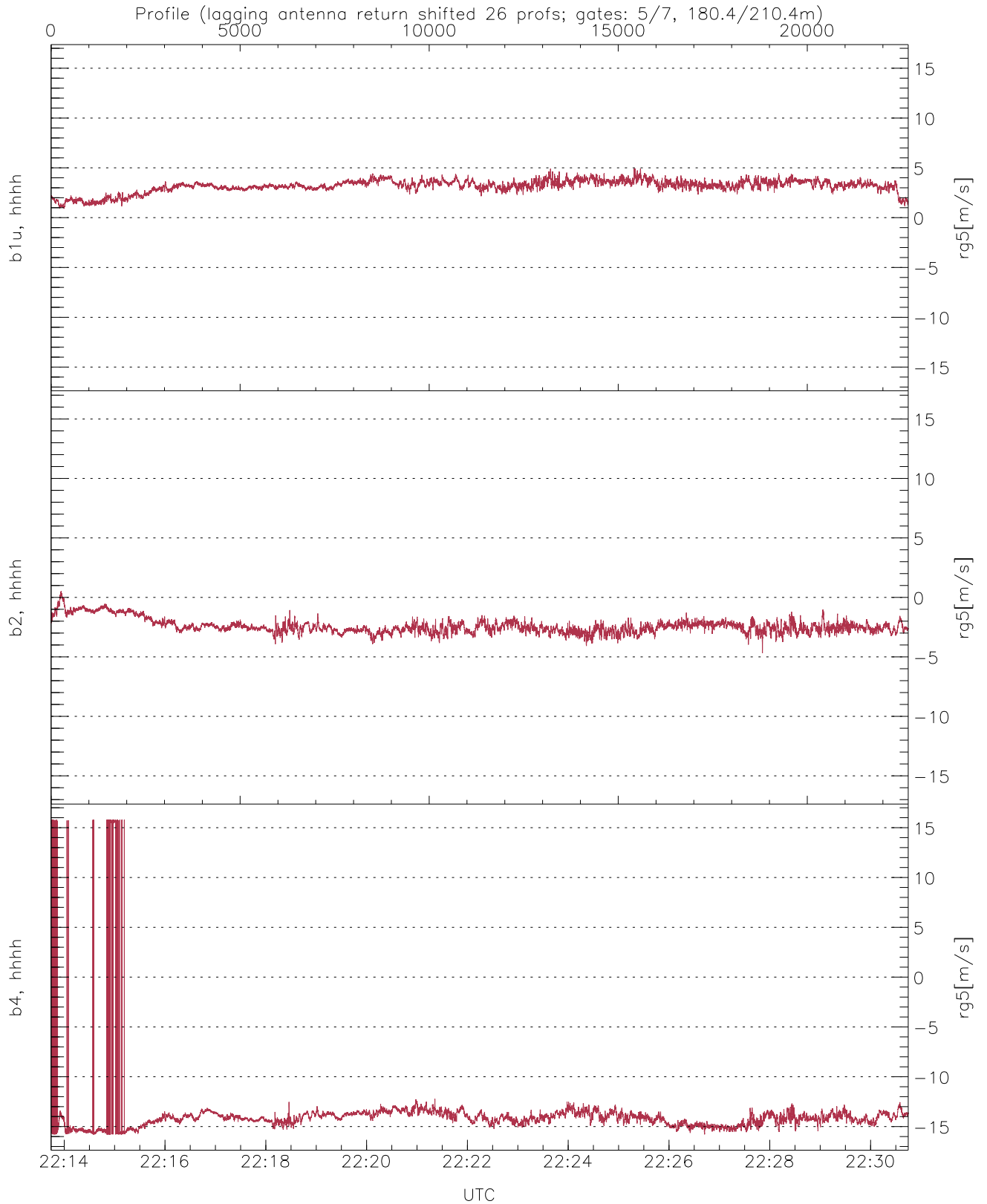
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-49.97	-7.33	-13.88
down(hh[dBm])	-52.92	-7.01	-14.41
down-fore(hh[dBm])	-54.94	-12.09	-18.96



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

	Min	Max	Mean
up/down (dB)	-9.72	20.28	1.81
down/down-fore (dB)	-3.25	17.19	5.71



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.90	4.94	3.16	0.64
b2, hhhh(rg5[m/s])	-4.69	0.52	-2.42	0.61
b4, hhhh(rg5[m/s])	-15.79	15.79	-13.78	3.56