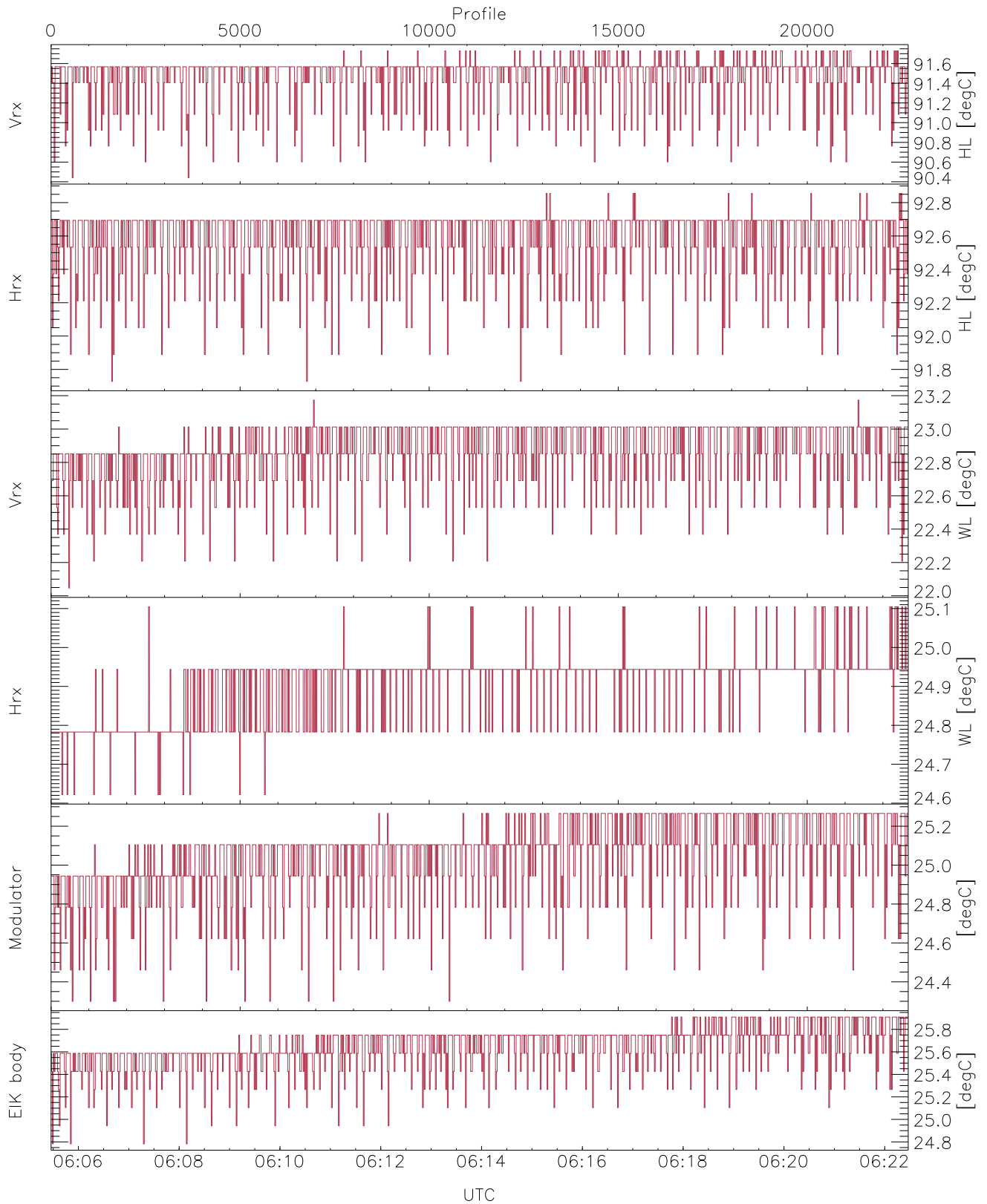


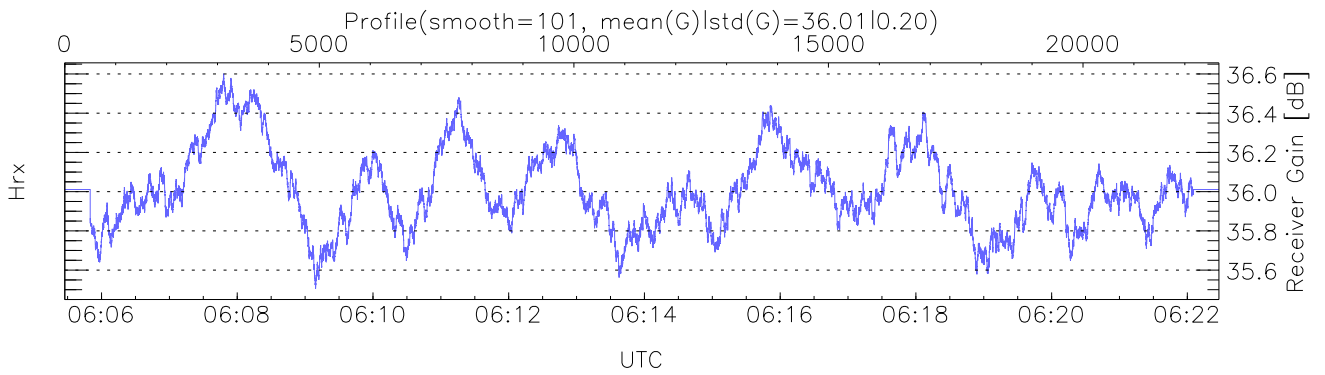
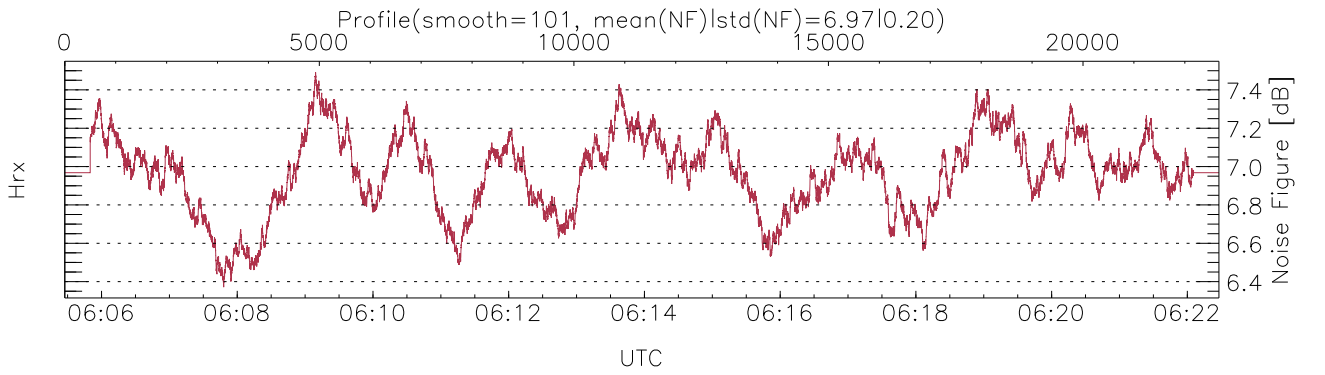
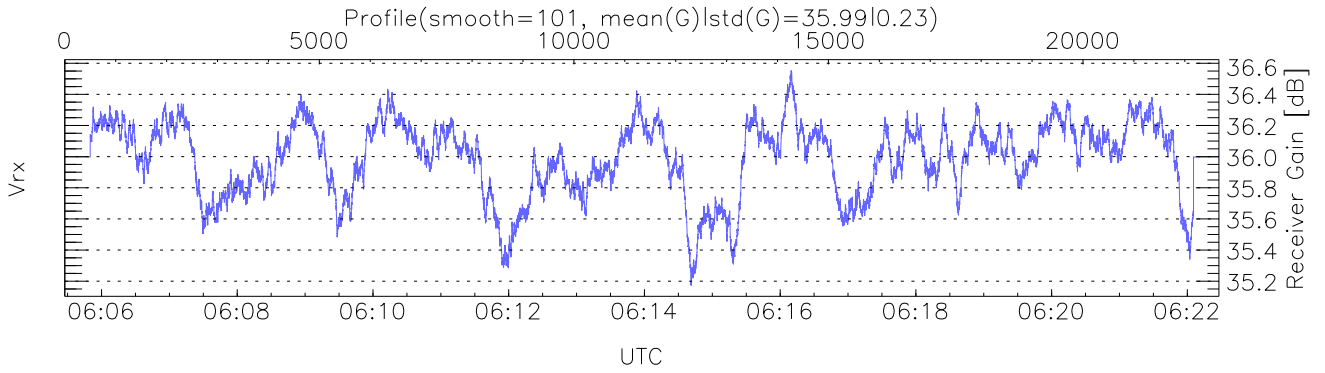
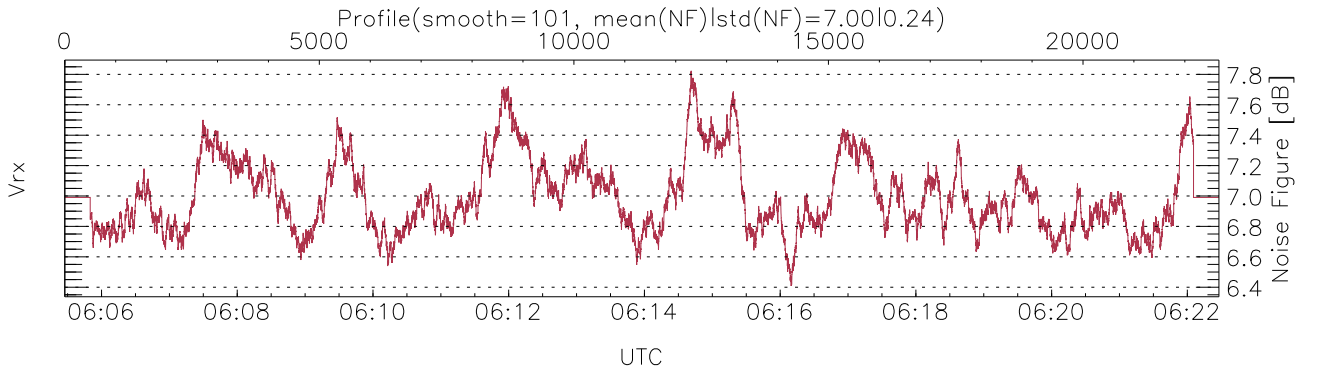
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 06:05:28-06:22:28, 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, 0-22671/06:05:28-06:22:28
 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



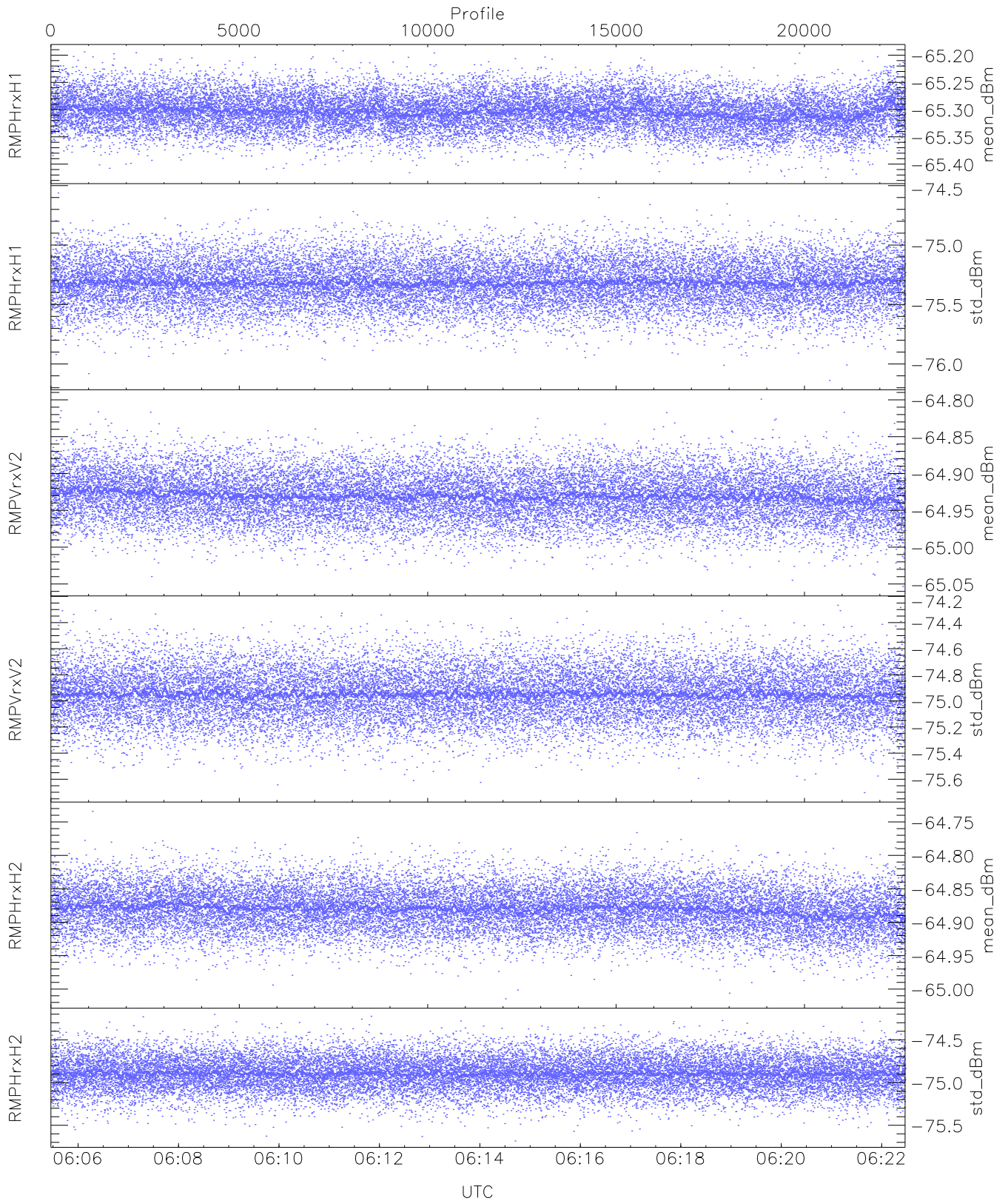
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,24,24`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,25,25`
`LOalarm(20,240,2817,14861 MHz): 0,0,44,0`
`EIK/Modulator Faults: None`



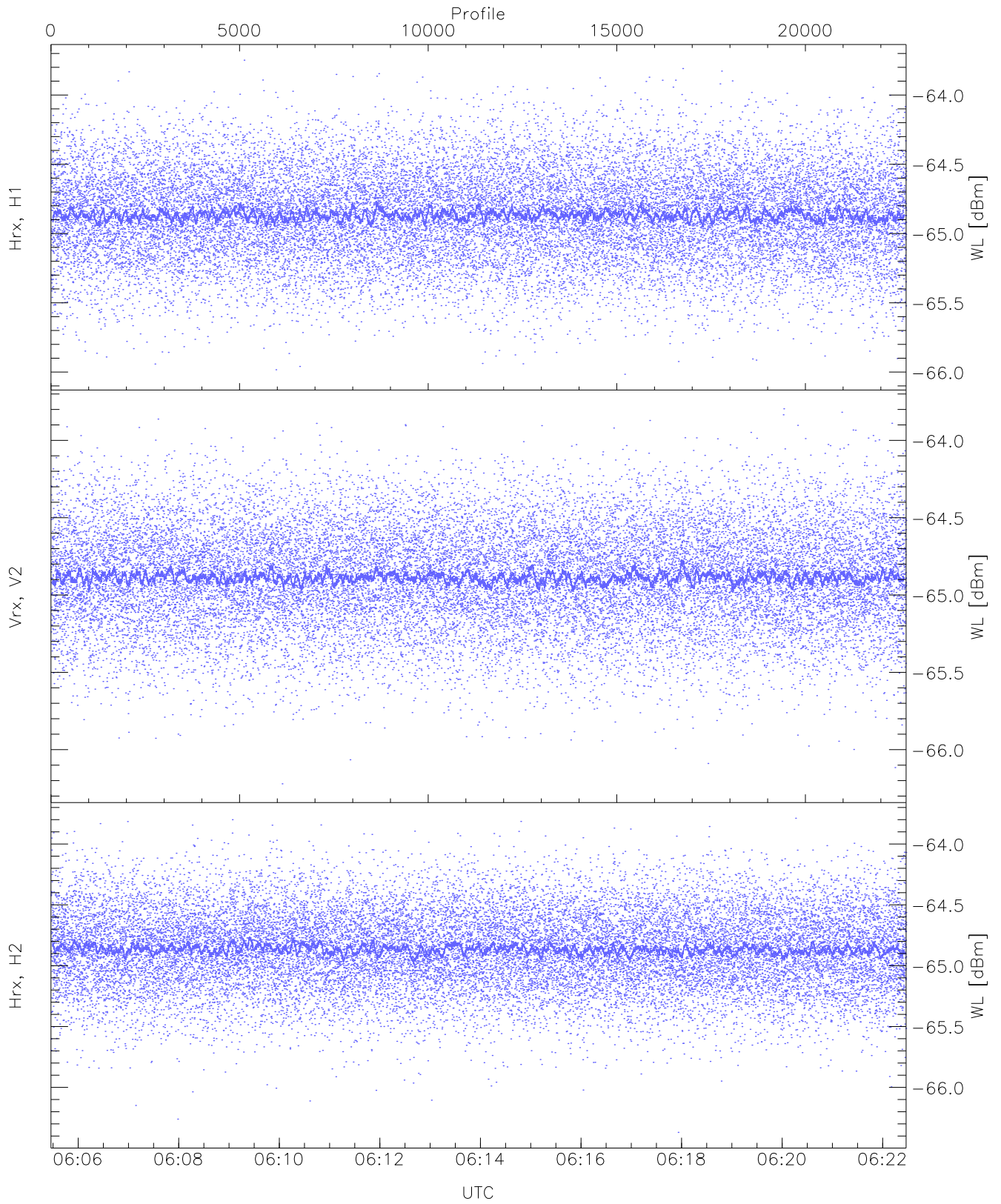
WCR3 CPP Receivers Gain and Noise Figure

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



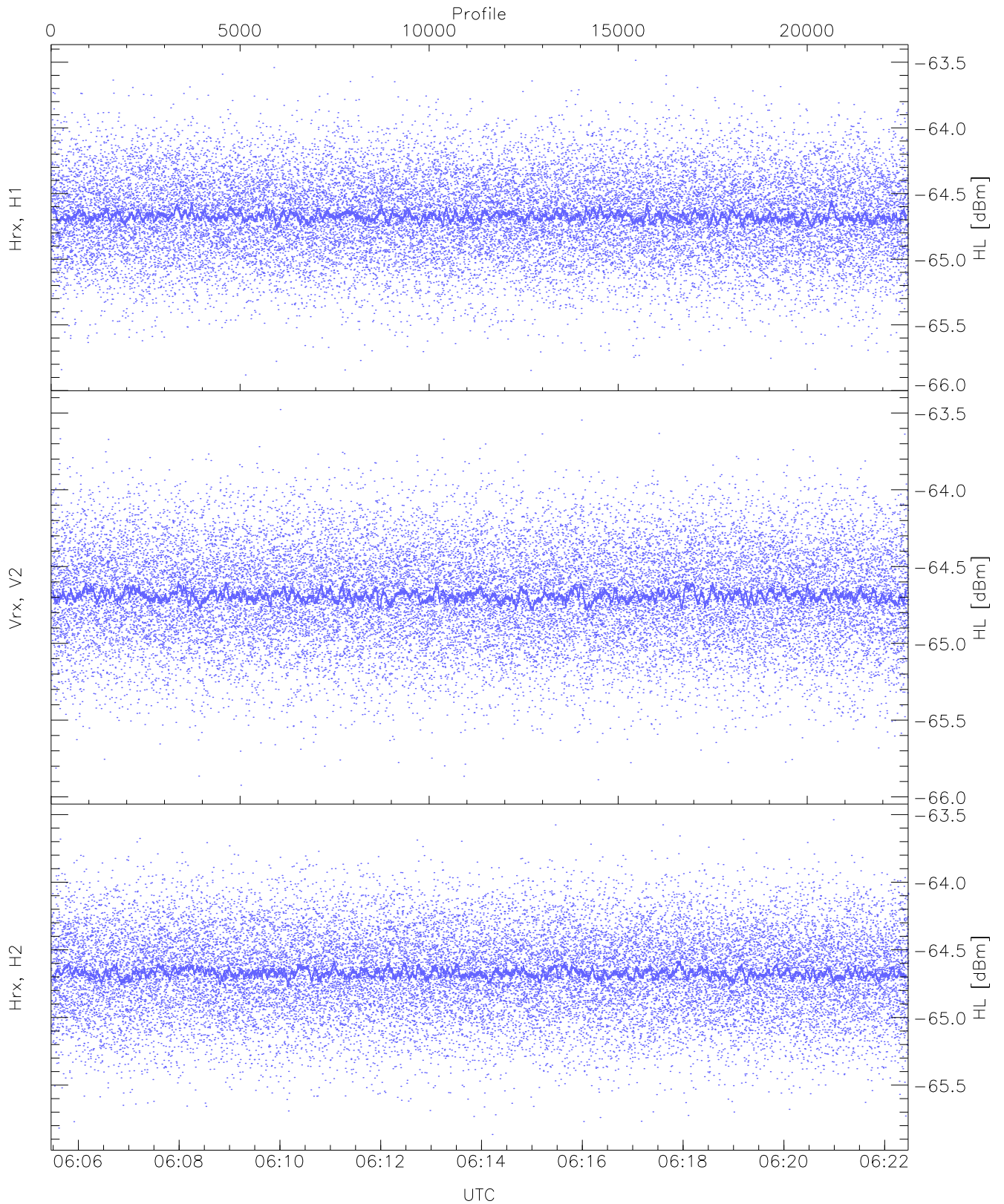
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.19	-65.30	-65.30	-86.80
RMPHrxH1(std_dBm)	-76.14	-74.56	-75.32	-75.32	-89.10
RMPVrxV2(mean_dBm)	-65.05	-64.80	-64.93	-64.93	-86.52
RMPVrxV2(std_dBm)	-75.70	-74.27	-74.95	-74.95	-88.71
RMPHrxH2(mean_dBm)	-65.01	-64.73	-64.88	-64.88	-86.45
RMPHrxH2(std_dBm)	-75.68	-74.20	-74.90	-74.90	-88.66



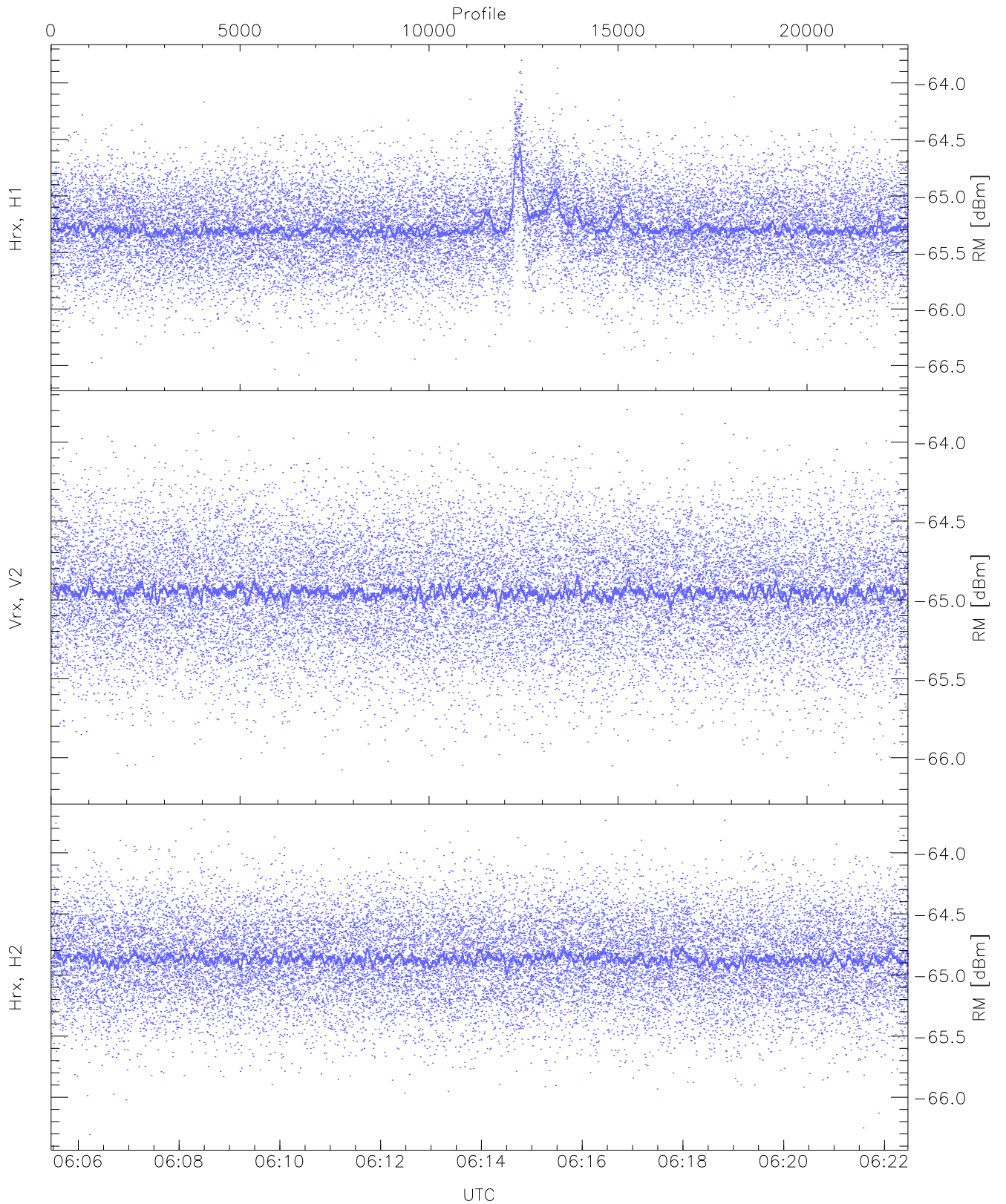
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.02	-63.75	-64.86	-64.87	-76.34
Vrx, V2 (WL [dBm])	-66.22	-63.80	-64.88	-64.88	-76.38
Hrx, H2 (WL [dBm])	-66.37	-63.79	-64.86	-64.87	-76.34



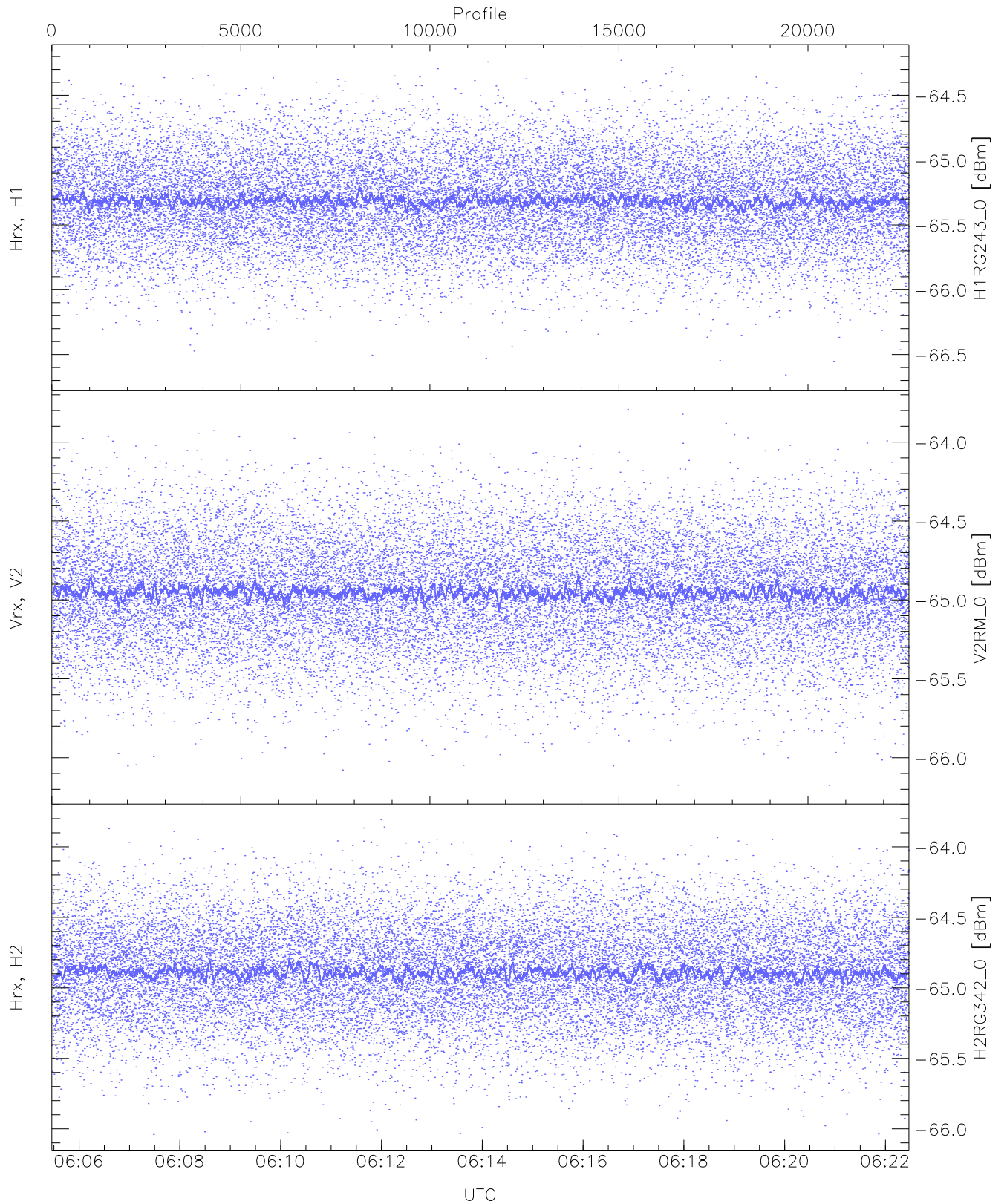
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.88	-63.49	-64.67	-64.67	-76.17
Vrx, V2 (HL [dBm])	-65.92	-63.48	-64.68	-64.69	-76.20
Hrx, H2 (HL [dBm])	-65.86	-63.54	-64.66	-64.67	-76.17



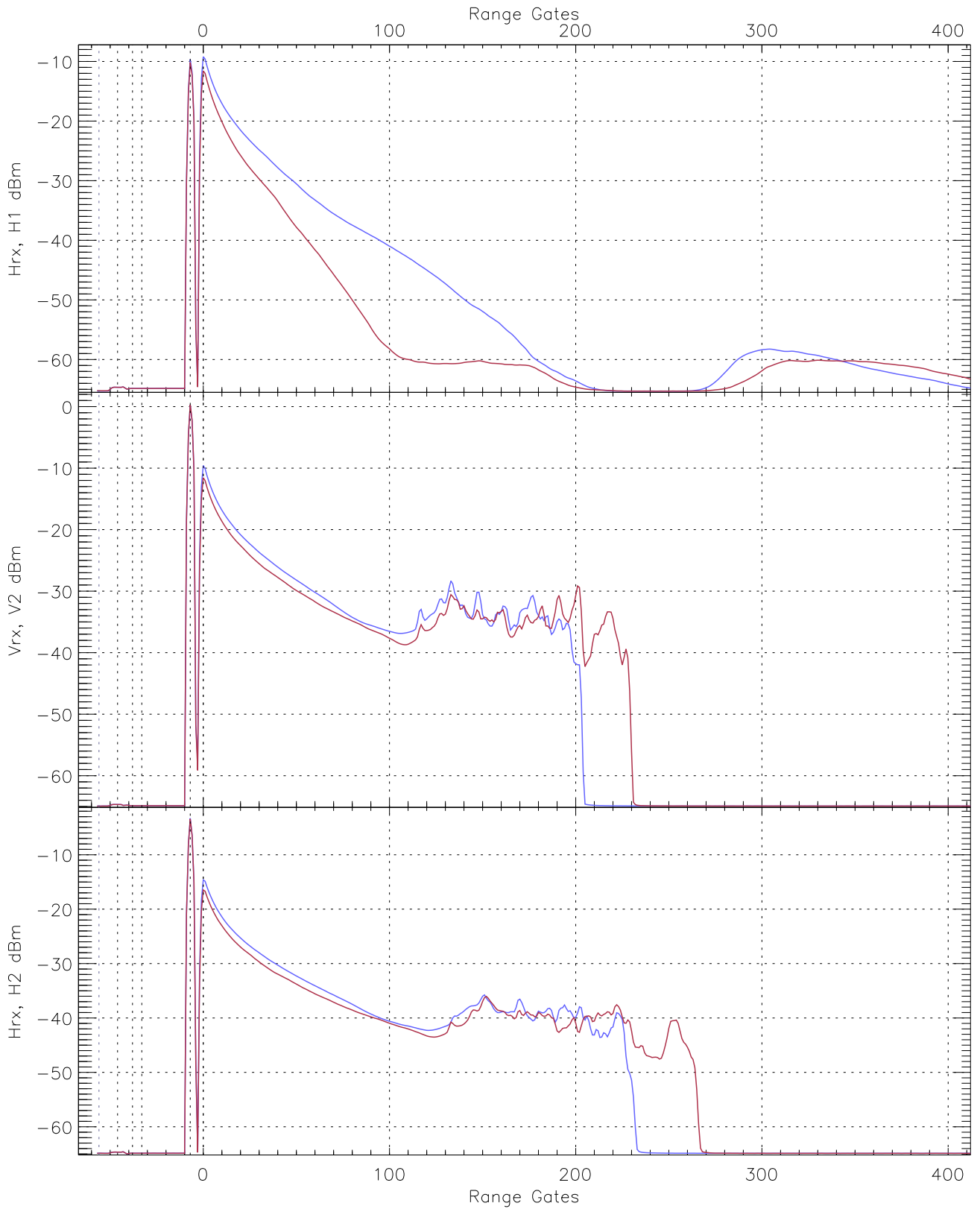
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.58	-63.80	-65.27	-65.28	-76.60
Vrx, V2 (RM [dBm])	-66.17	-63.79	-64.95	-64.95	-76.44
Hrx, H2 (RM [dBm])	-66.30	-63.73	-64.86	-64.87	-76.35

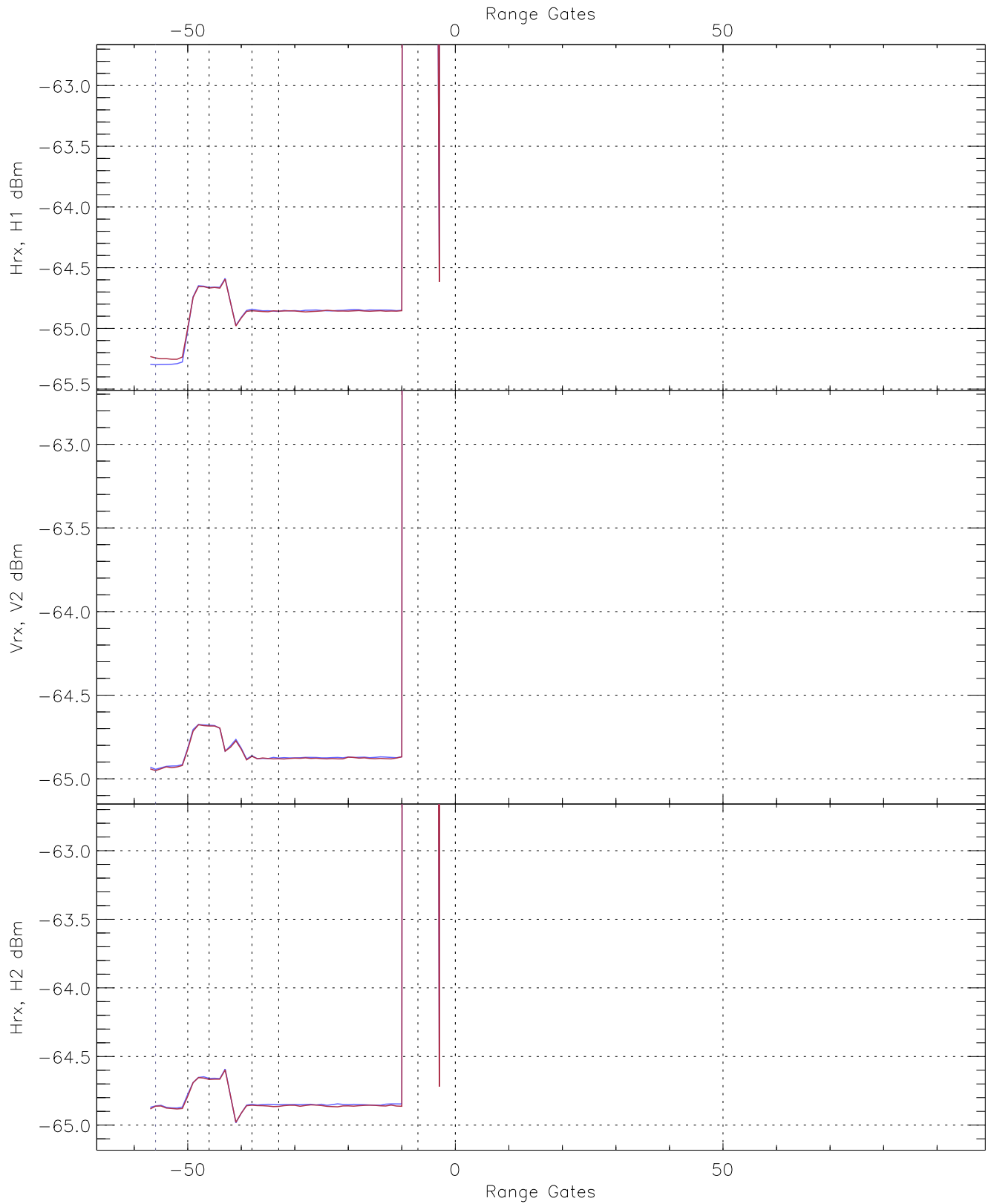


WCR3 CPP "Best" estimate Receivers Noise Power

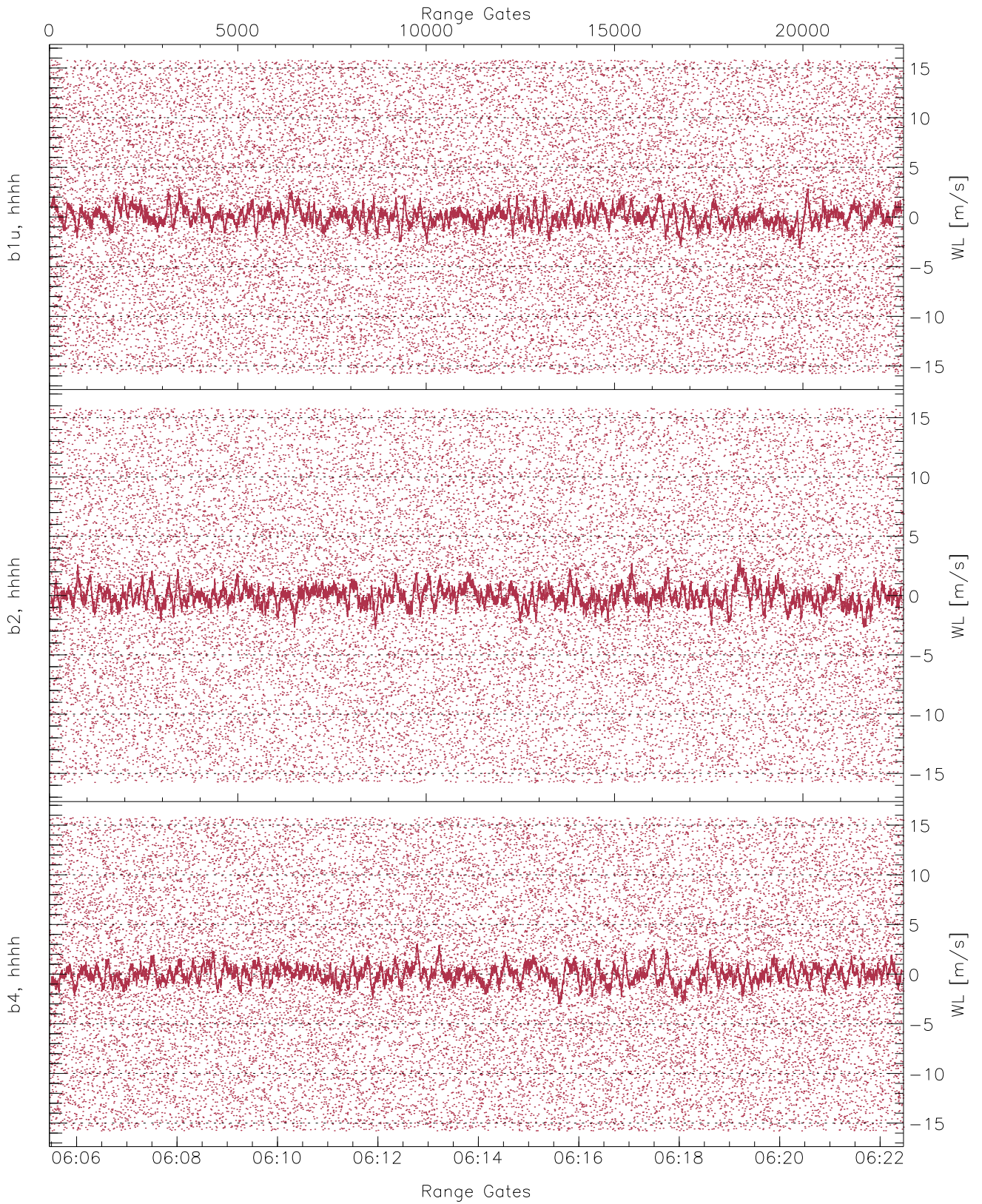
	Min	Max	Mean	Median	StDev
H1RG243_0 [dBm]	-66.66	-64.23	-65.31	-65.32	-76.76
V2RM_0 [dBm]	-66.17	-63.79	-64.95	-64.95	-76.44
H2RG342_0 [dBm]	-66.04	-63.81	-64.89	-64.89	-76.40



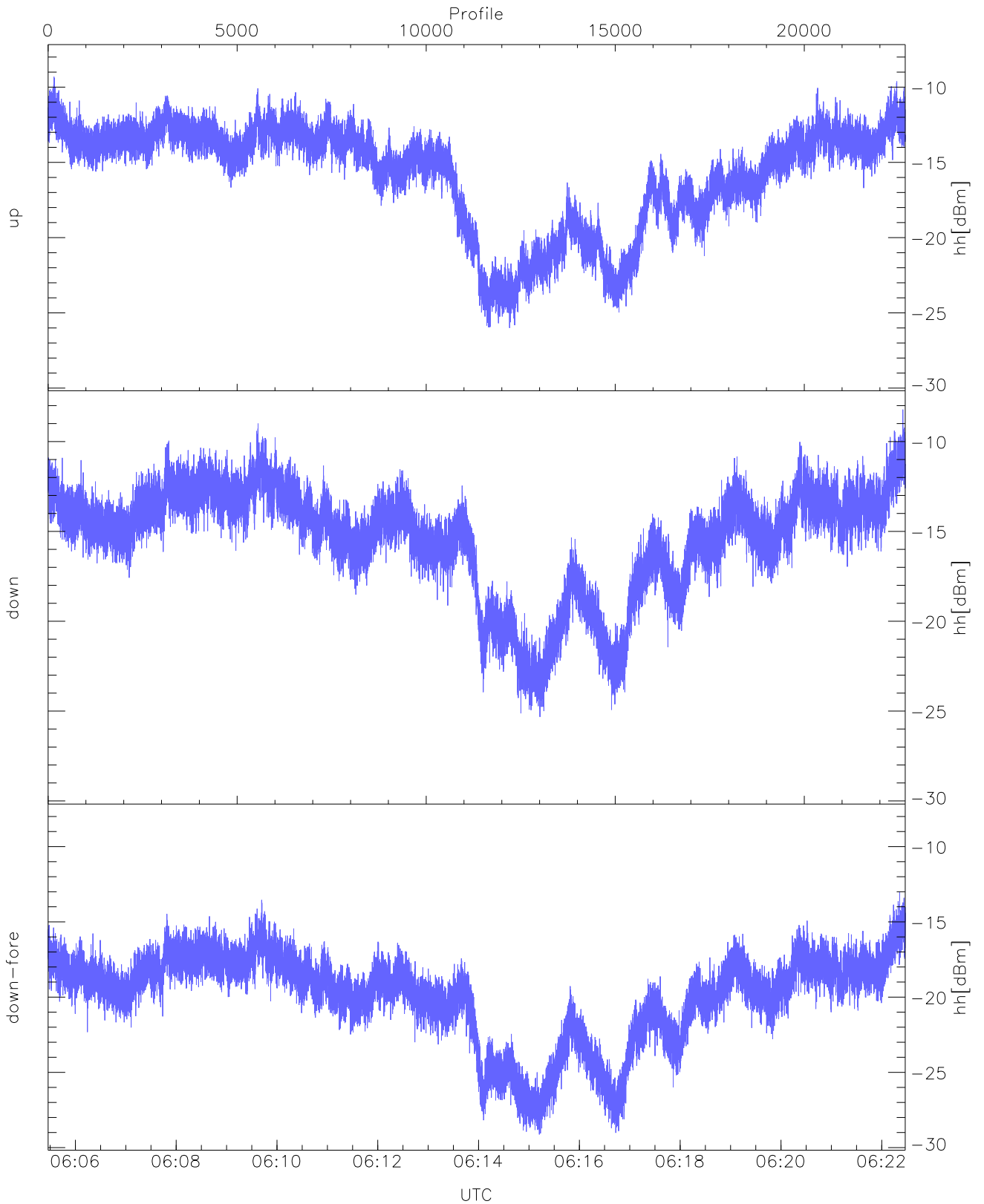
WCR3 CPP Averaged Received power for all recorded gates
blue: 060528-061358, 11337 profiles averaged
red: 061358-062228, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 060528-061358, 11337 profiles averaged
red: 061358-062228, 11336 profiles averaged

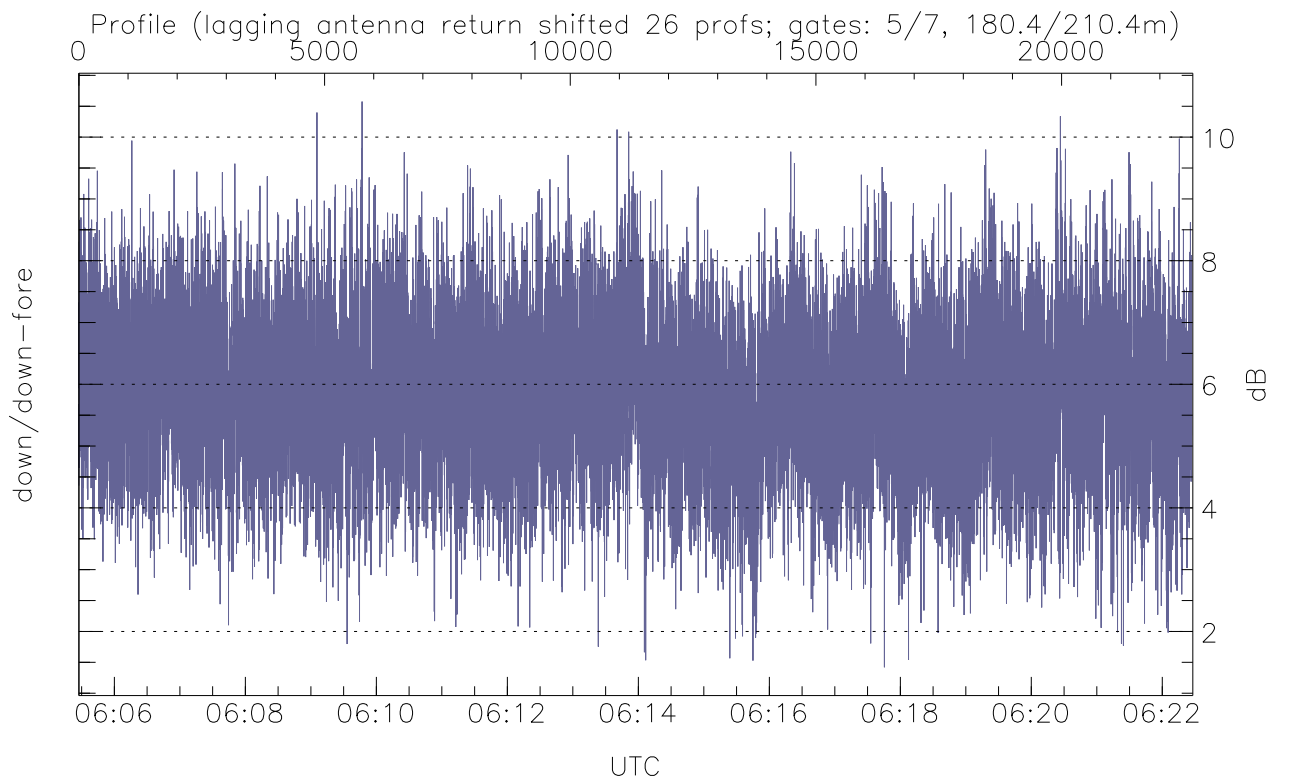
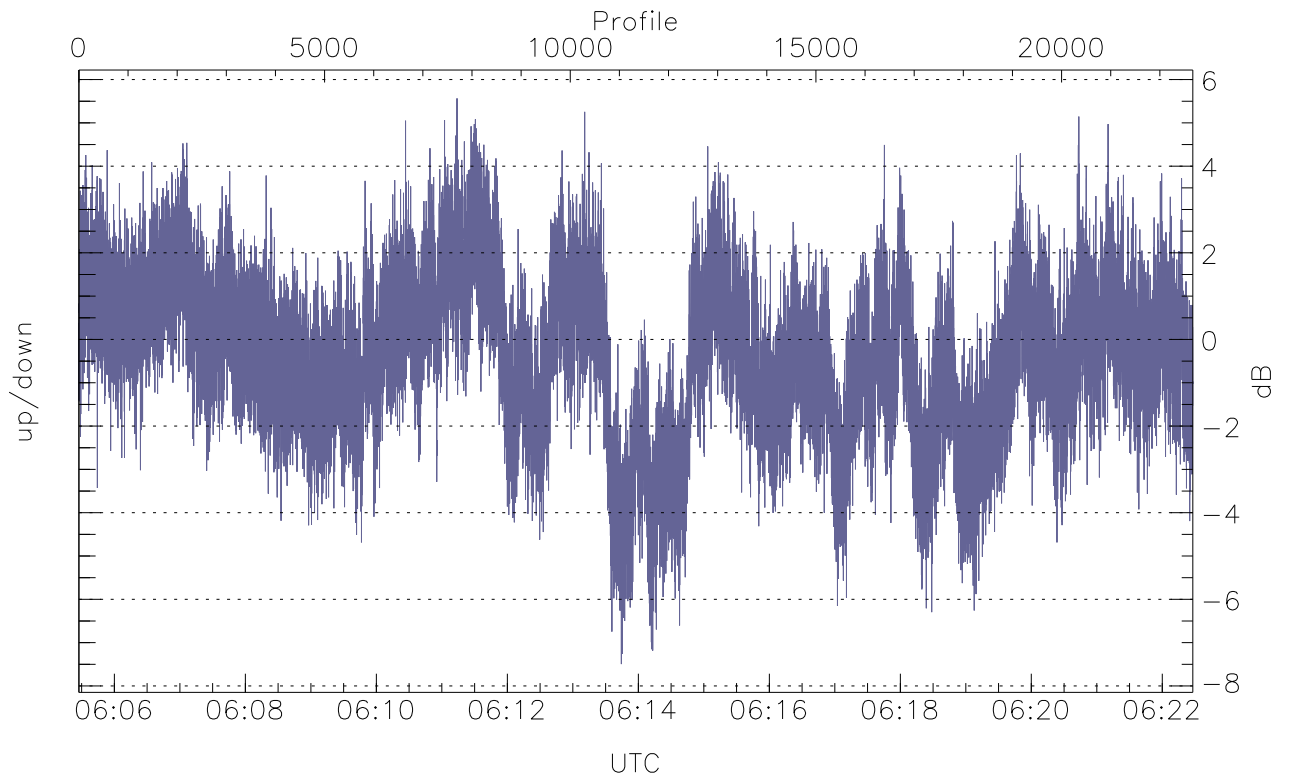


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



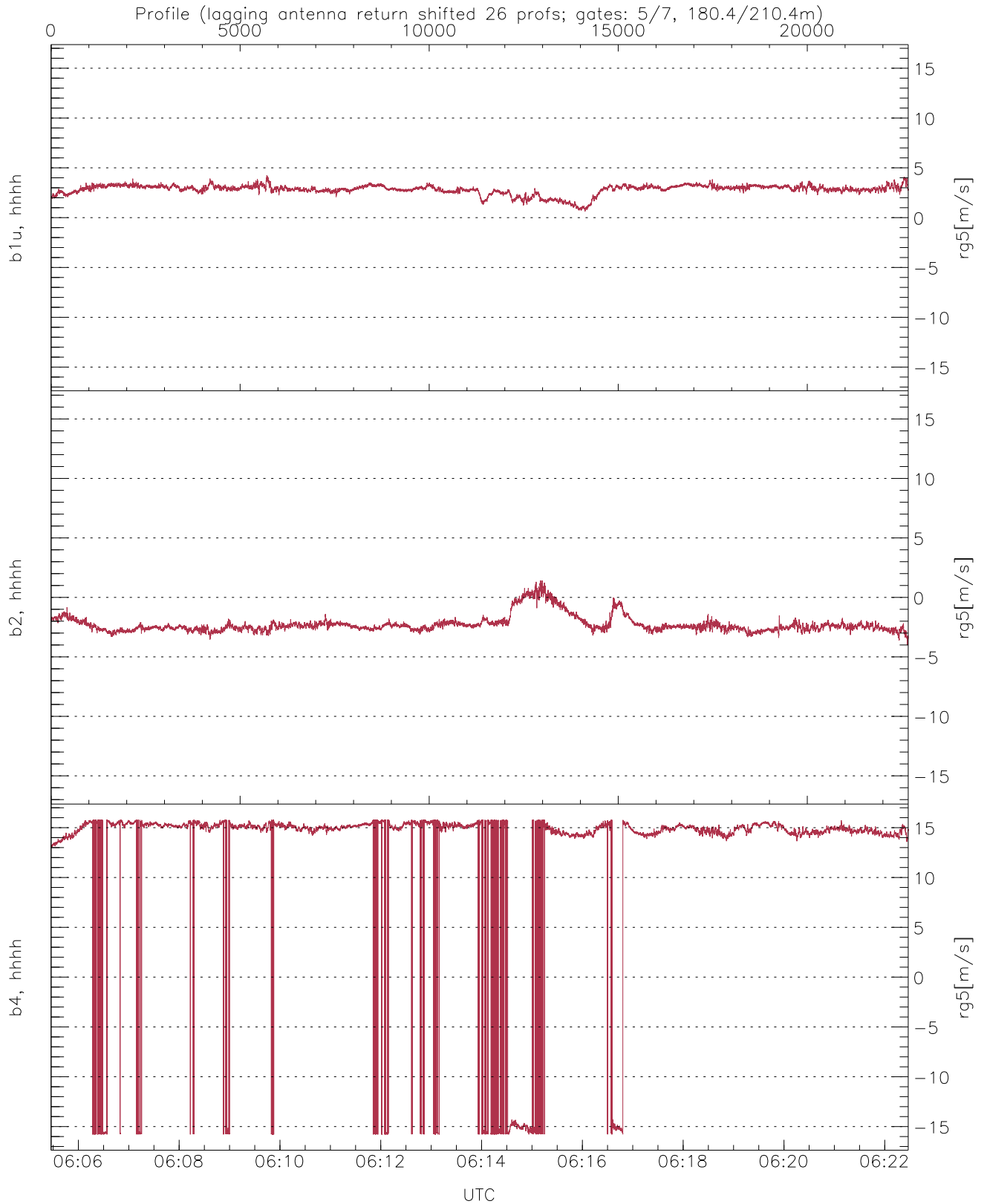
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-26.00	-9.31	-14.75
down(hh[dBm])	-25.32	-8.22	-14.62
down-fore(hh[dBm])	-29.13	-13.03	-19.18



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

	Min	Max	Mean
up/down (dB)	-7.49	5.57	-0.36
down/down-fore (dB)	1.42	10.58	5.86



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.65	4.24	2.82	0.50
b2, hhhh(rg5[m/s])	-4.01	1.43	-2.26	0.72
b4, hhhh(rg5[m/s])	-15.79	15.79	12.21	8.74