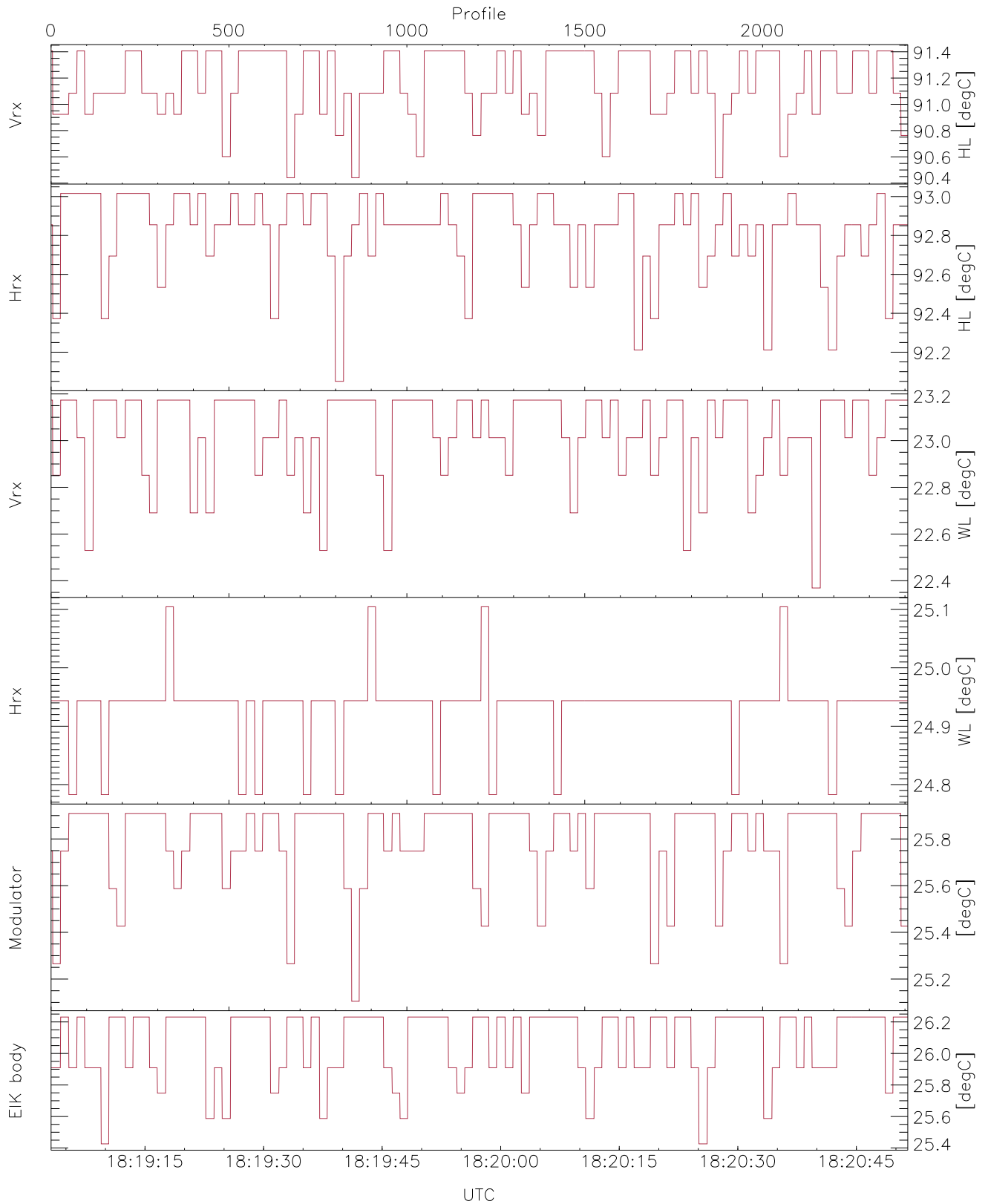


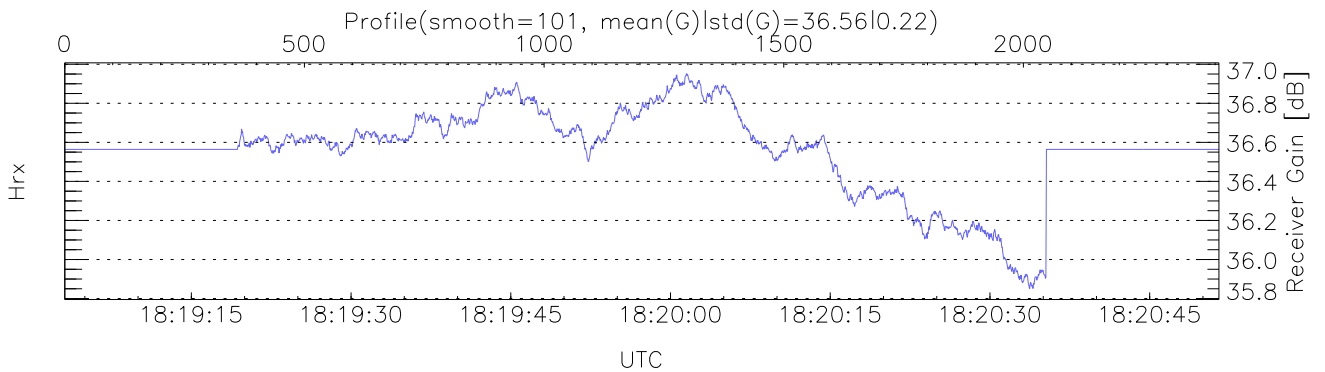
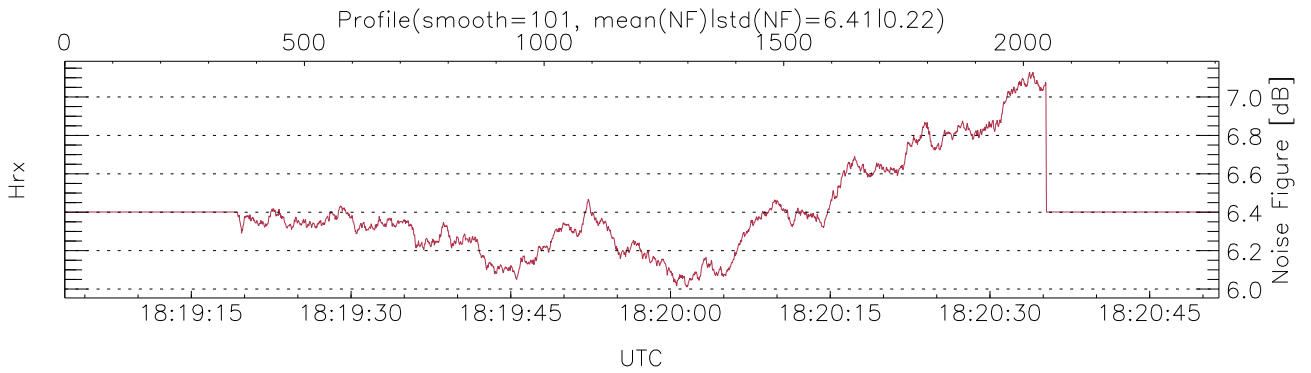
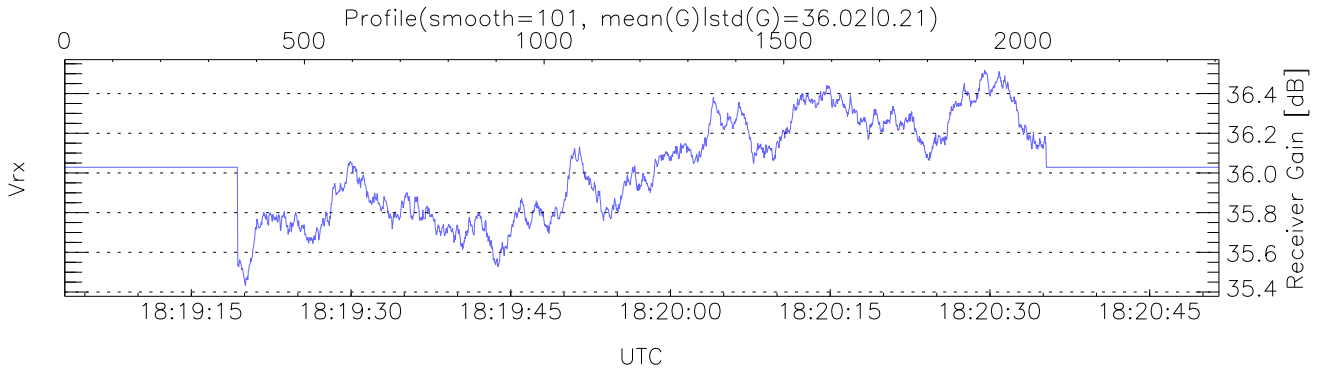
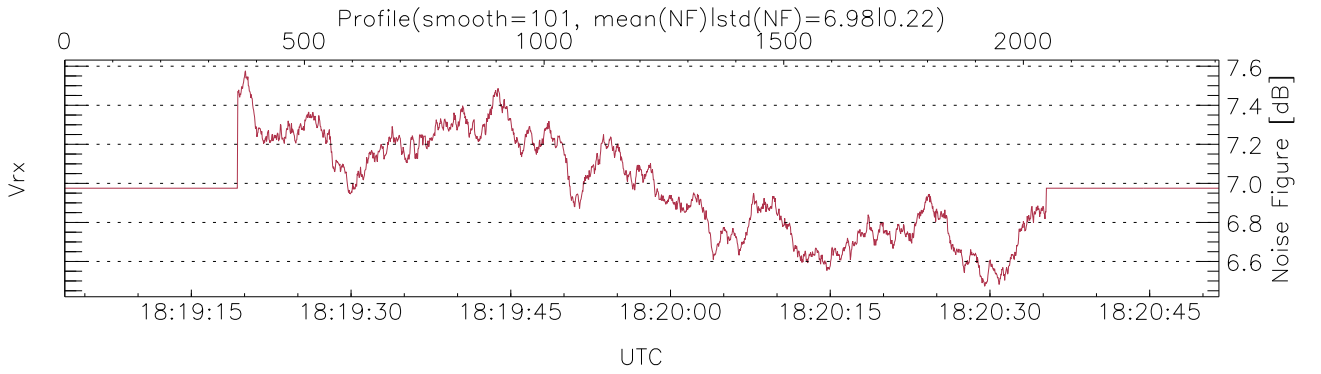
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:19:03-18:20:52, TimeCor: 0.00s, Dur: 108.39s
 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): 2409/2409, 0-2408/18:19:03-18:20:52
 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



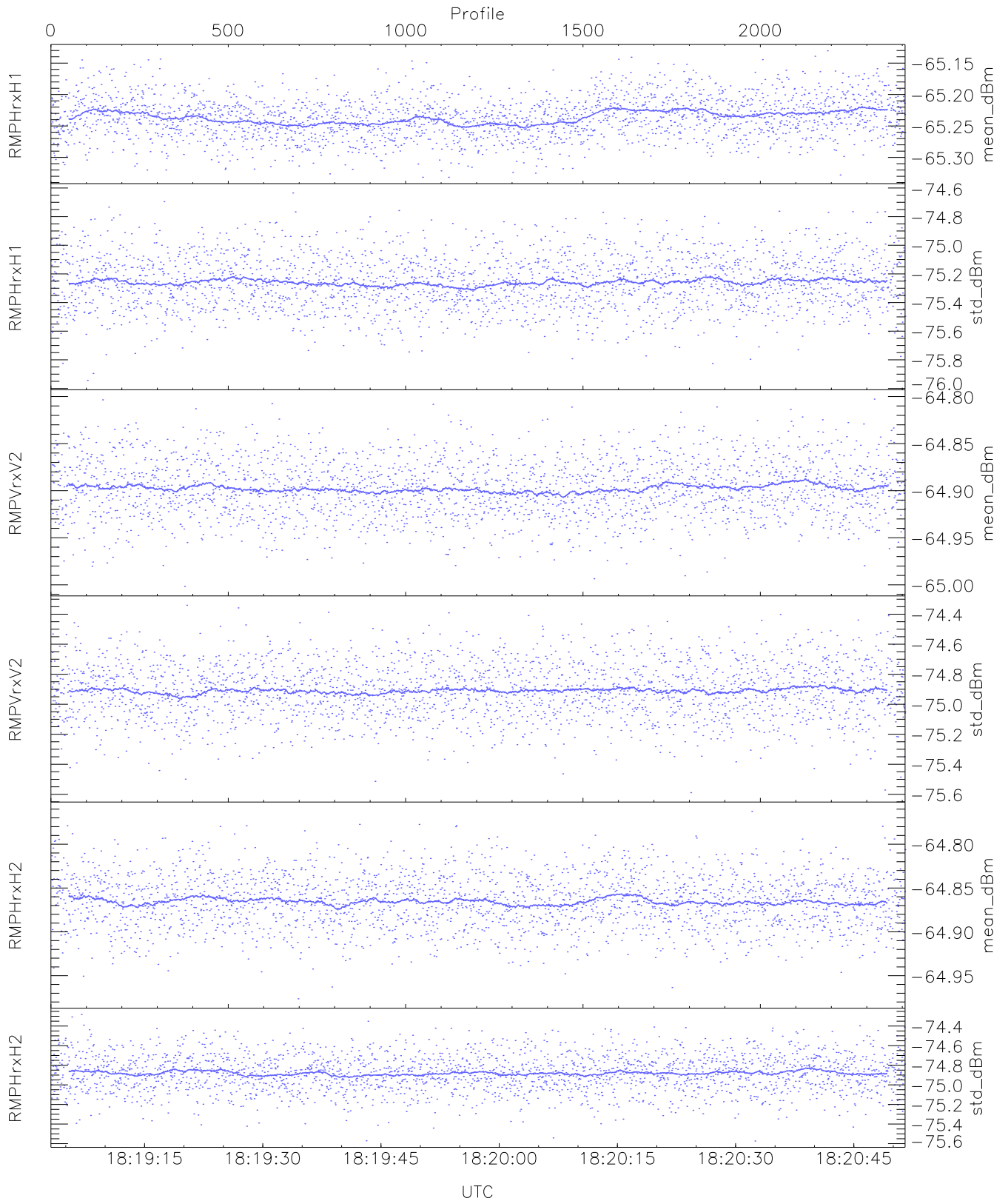
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,25,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,25,25,26
 LOalarm(20,240,2817,14861 MHz): 0,0,24,0
 EIK/Modulator Faults: None



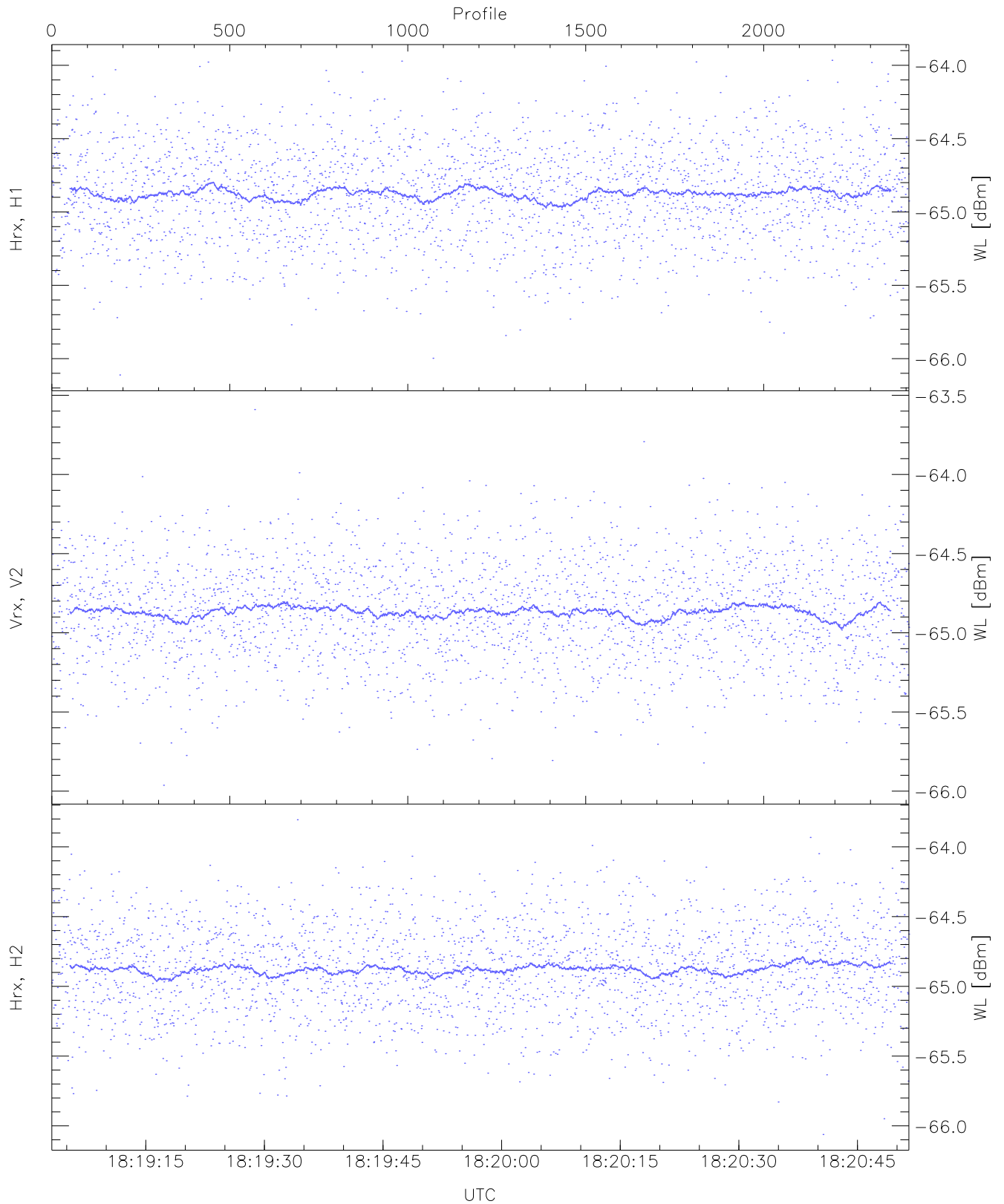
WCR3 CPP Receivers Gain and Noise Figure

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



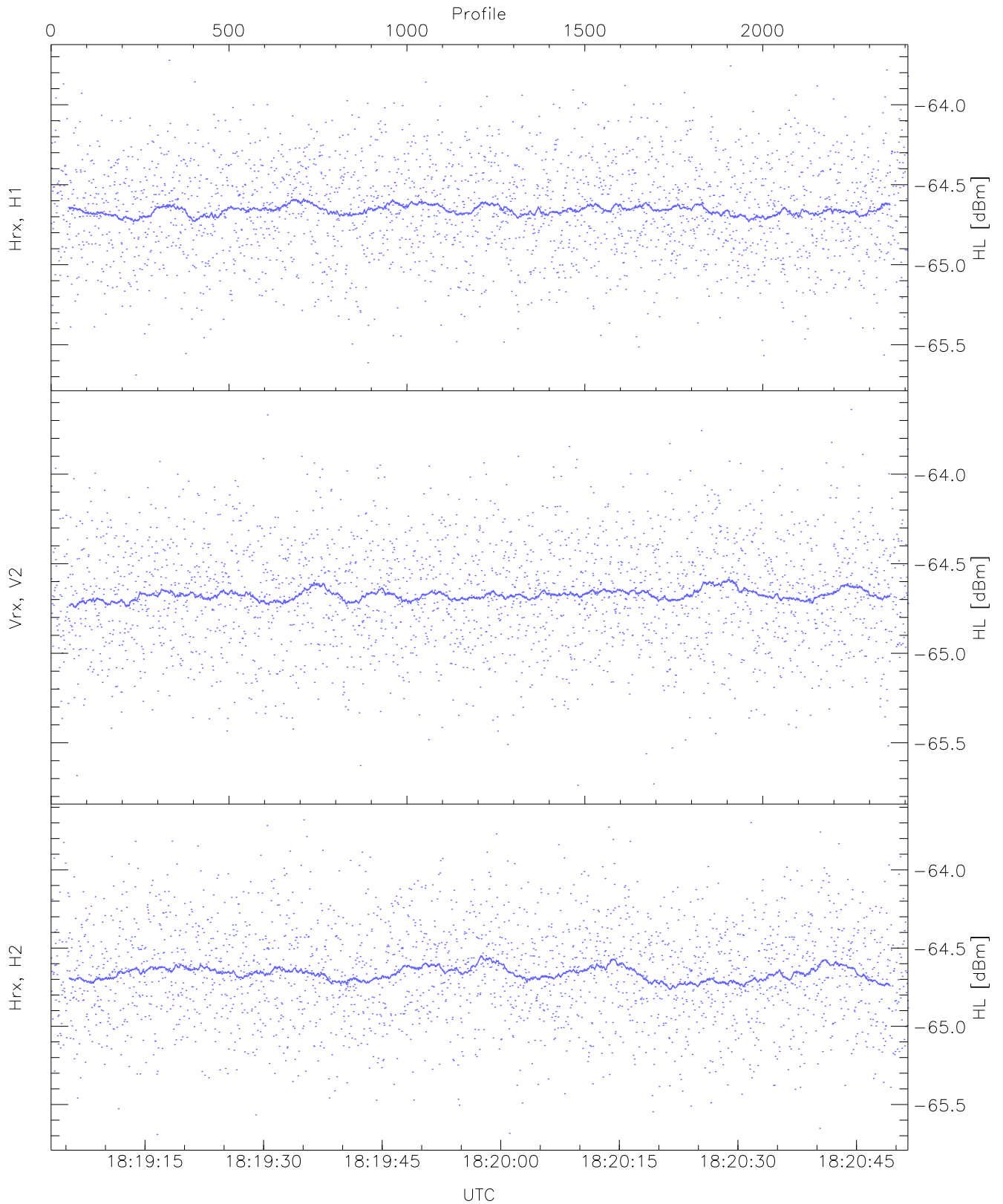
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.33	-65.13	-65.24	-65.24	-86.61
RMPHrxH1(std_dBm)	-75.94	-74.63	-75.26	-75.27	-89.02
RMPVrxV2(mean_dBm)	-65.00	-64.80	-64.90	-64.90	-86.56
RMPVrxV2(std_dBm)	-75.59	-74.34	-74.91	-74.91	-88.71
RMPHrxH2(mean_dBm)	-64.98	-64.76	-64.87	-64.86	-86.55
RMPHrxH2(std_dBm)	-75.57	-74.28	-74.88	-74.88	-88.65



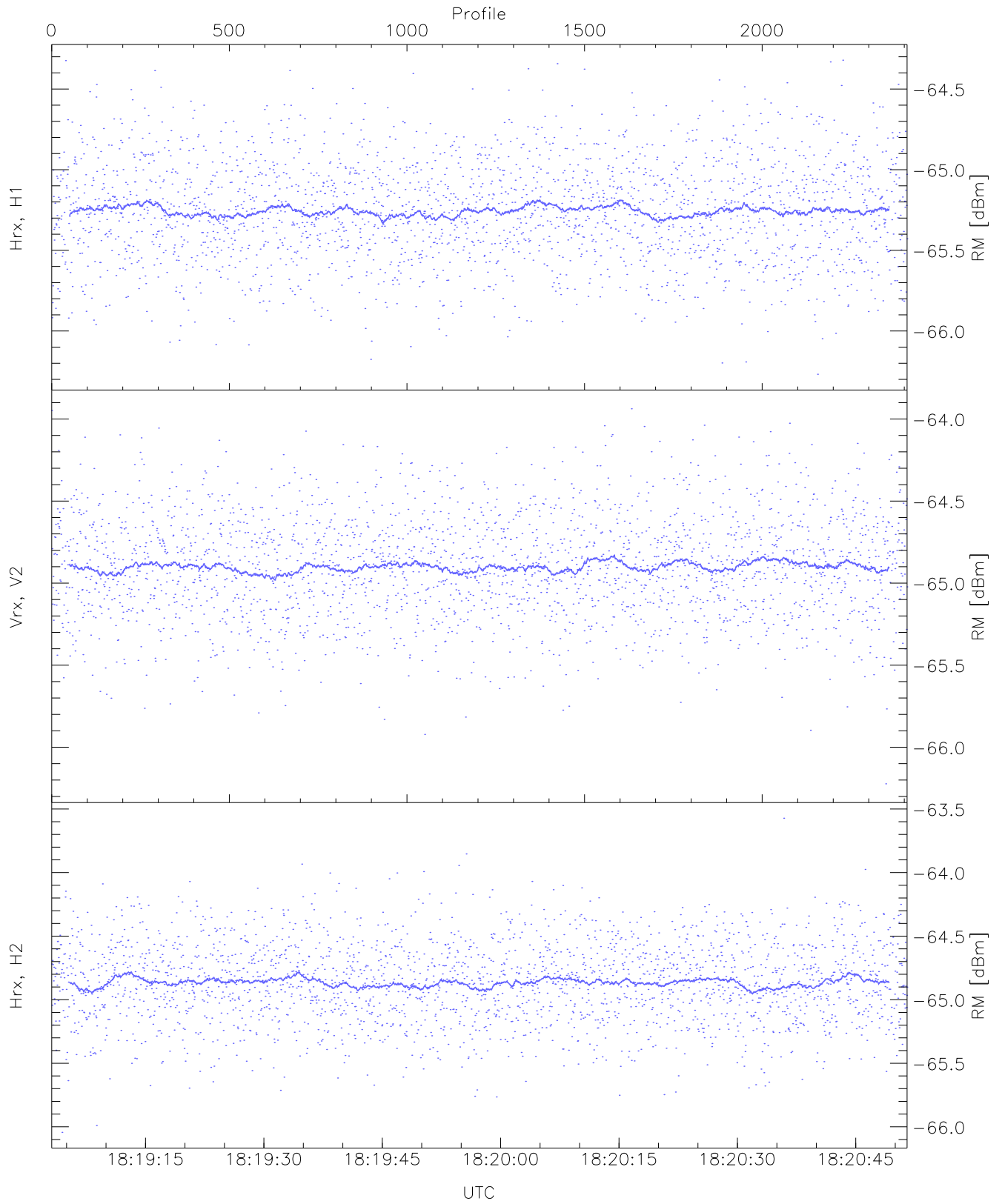
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.11	-63.97	-64.87	-64.87	-76.31
Vrx, V2 (WL [dBm])	-65.96	-63.59	-64.86	-64.87	-76.40
Hrx, H2 (WL [dBm])	-66.06	-63.81	-64.87	-64.87	-76.34



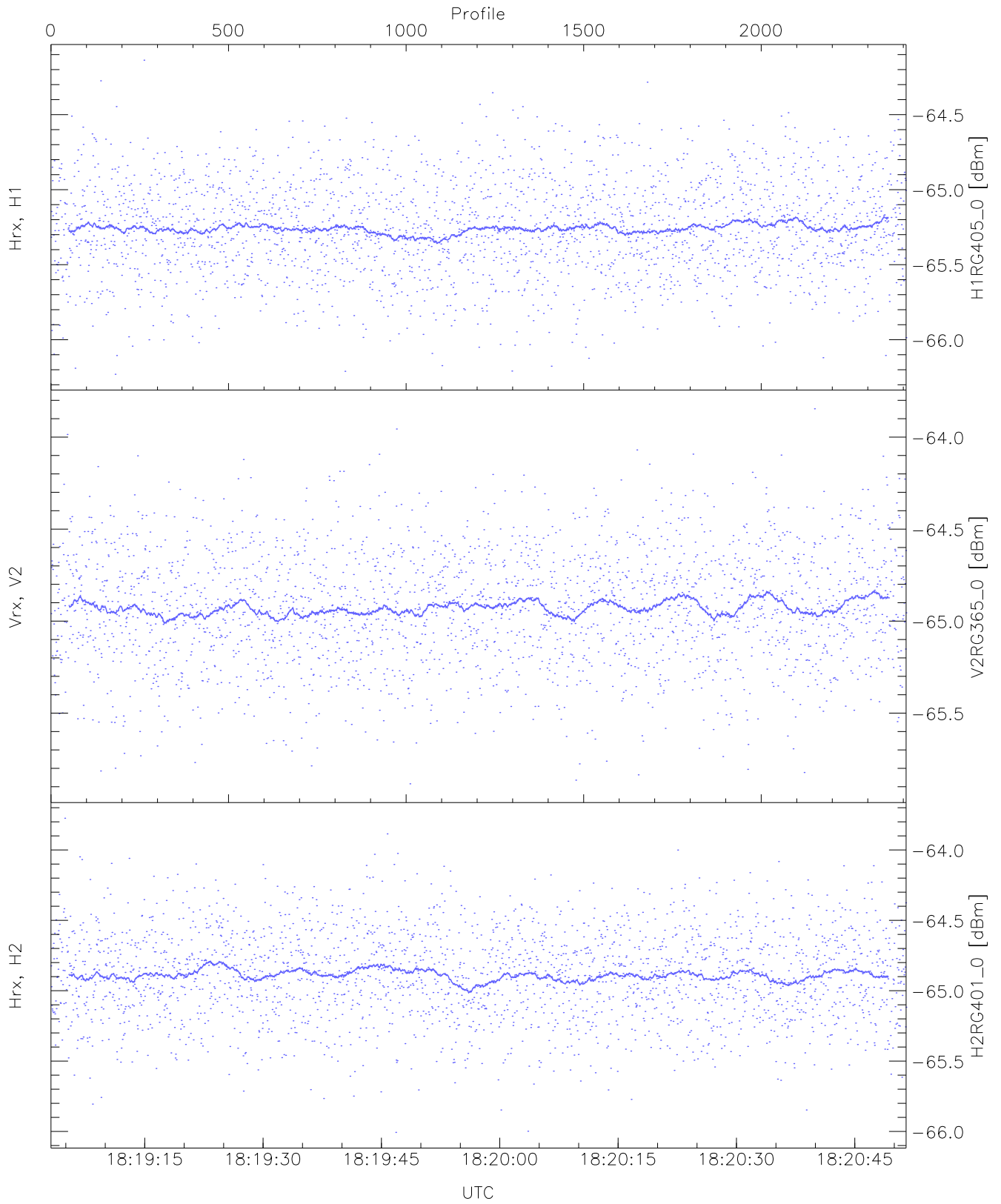
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.69	-63.72	-64.65	-64.65	-76.24
Vrx, V2 (HL [dBm])	-65.74	-63.64	-64.67	-64.67	-76.25
Hrx, H2 (HL [dBm])	-65.69	-63.68	-64.66	-64.66	-76.01



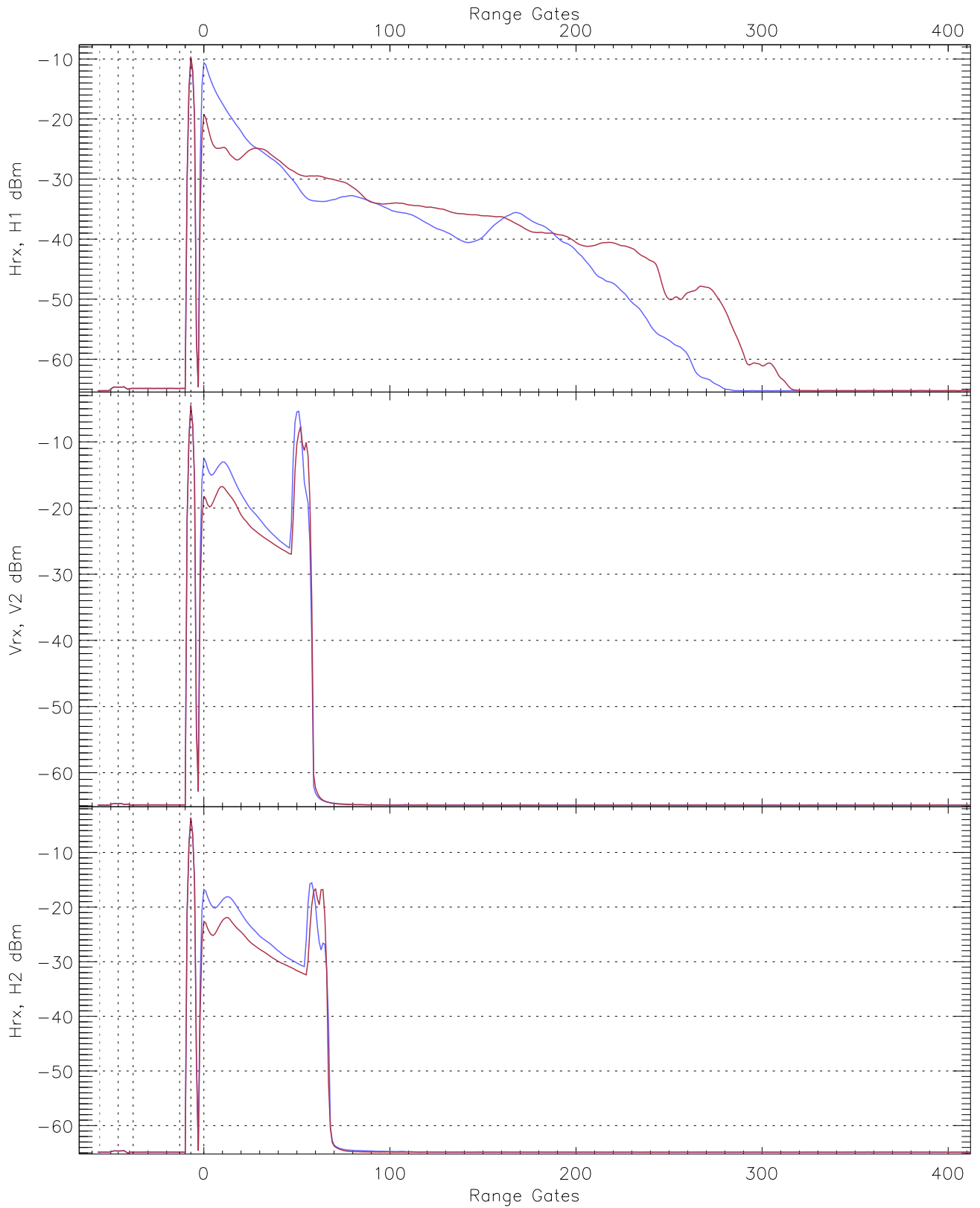
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.27	-64.32	-65.25	-65.26	-76.77
Vrx, V2 (RM [dBm])	-66.22	-63.94	-64.89	-64.90	-76.40
Hrx, H2 (RM [dBm])	-66.04	-63.57	-64.86	-64.87	-76.36

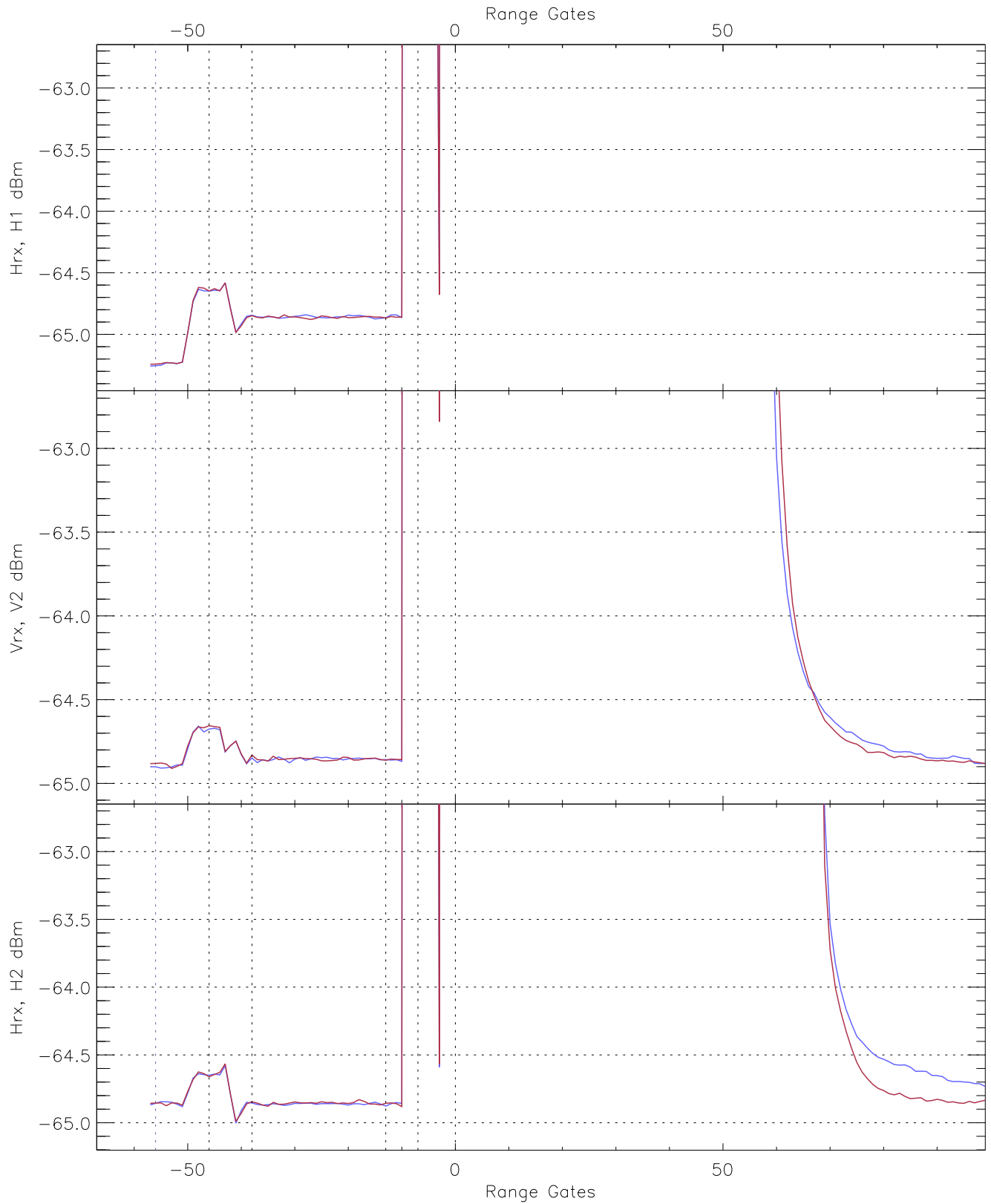


WCR3 CPP "Best" estimate Receivers Noise Power

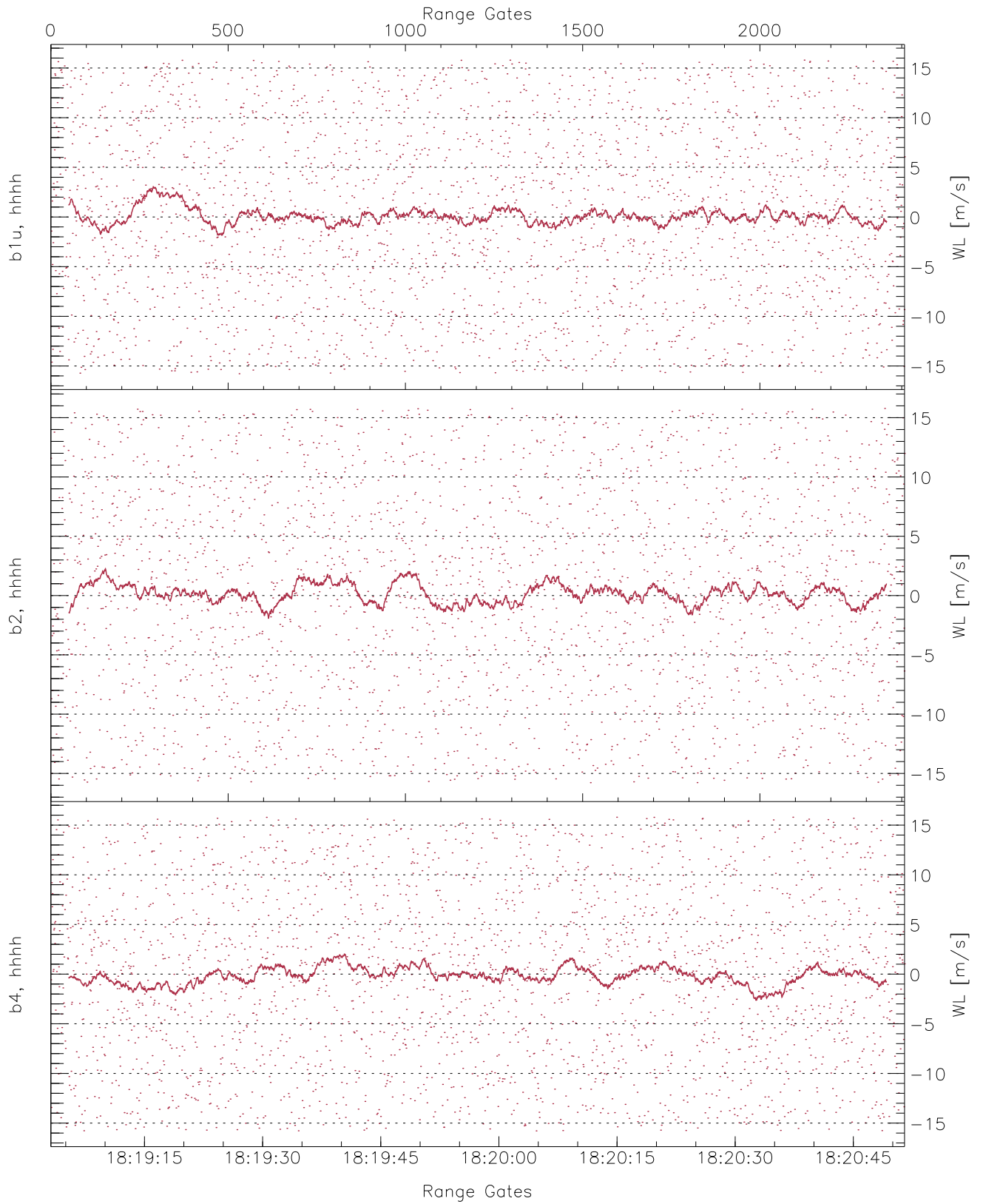
	Min	Max	Mean	Median	StDev
H1RG405_0 [dBm]	-66.23	-64.14	-65.25	-65.27	-76.71
V2RG365_0 [dBm]	-65.88	-63.85	-64.92	-64.93	-76.48
H2RG401_0 [dBm]	-66.01	-63.77	-64.88	-64.89	-76.35



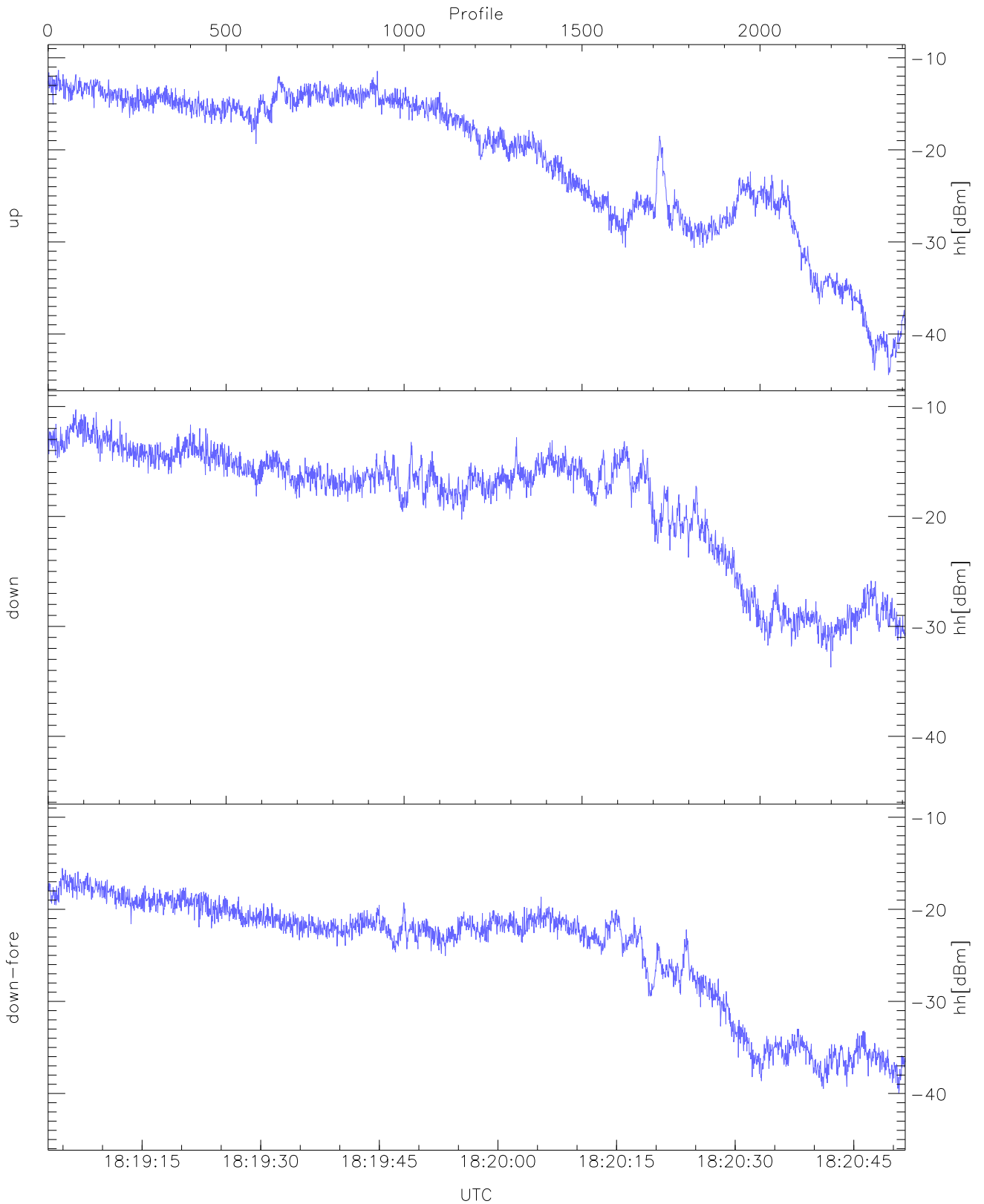
WCR3 CPP Averaged Received power for all recorded gates
blue: 181903-181957, 1205 profiles averaged
red: 181957-182052, 1205 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181903-181957, 1205 profiles averaged
red: 181957-182052, 1205 profiles averaged

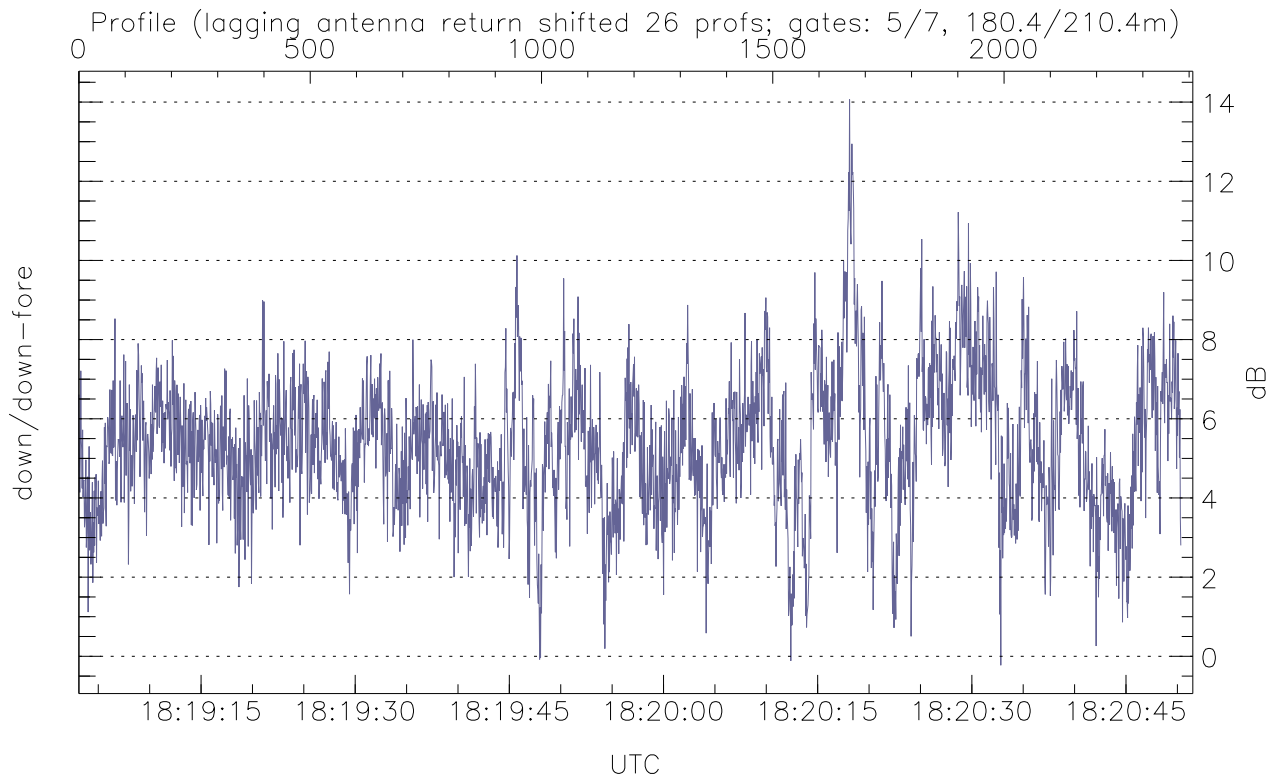
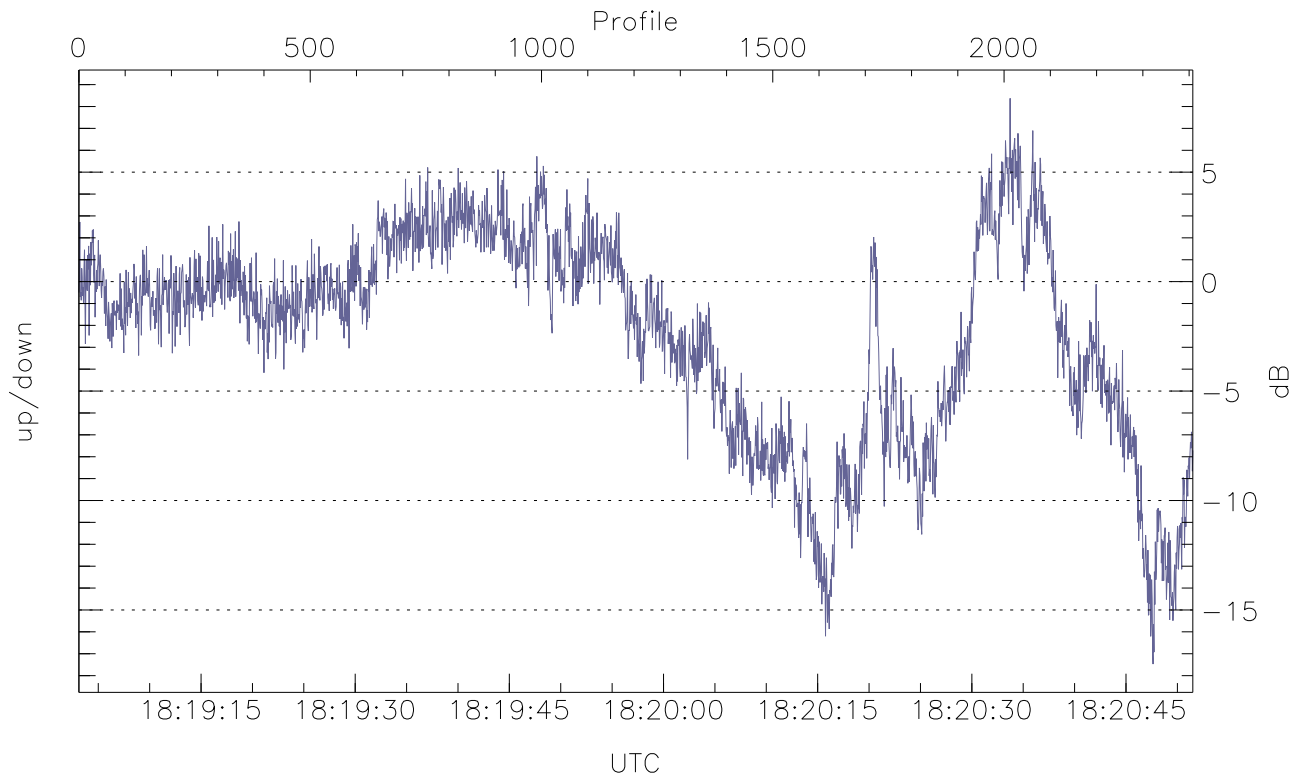


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



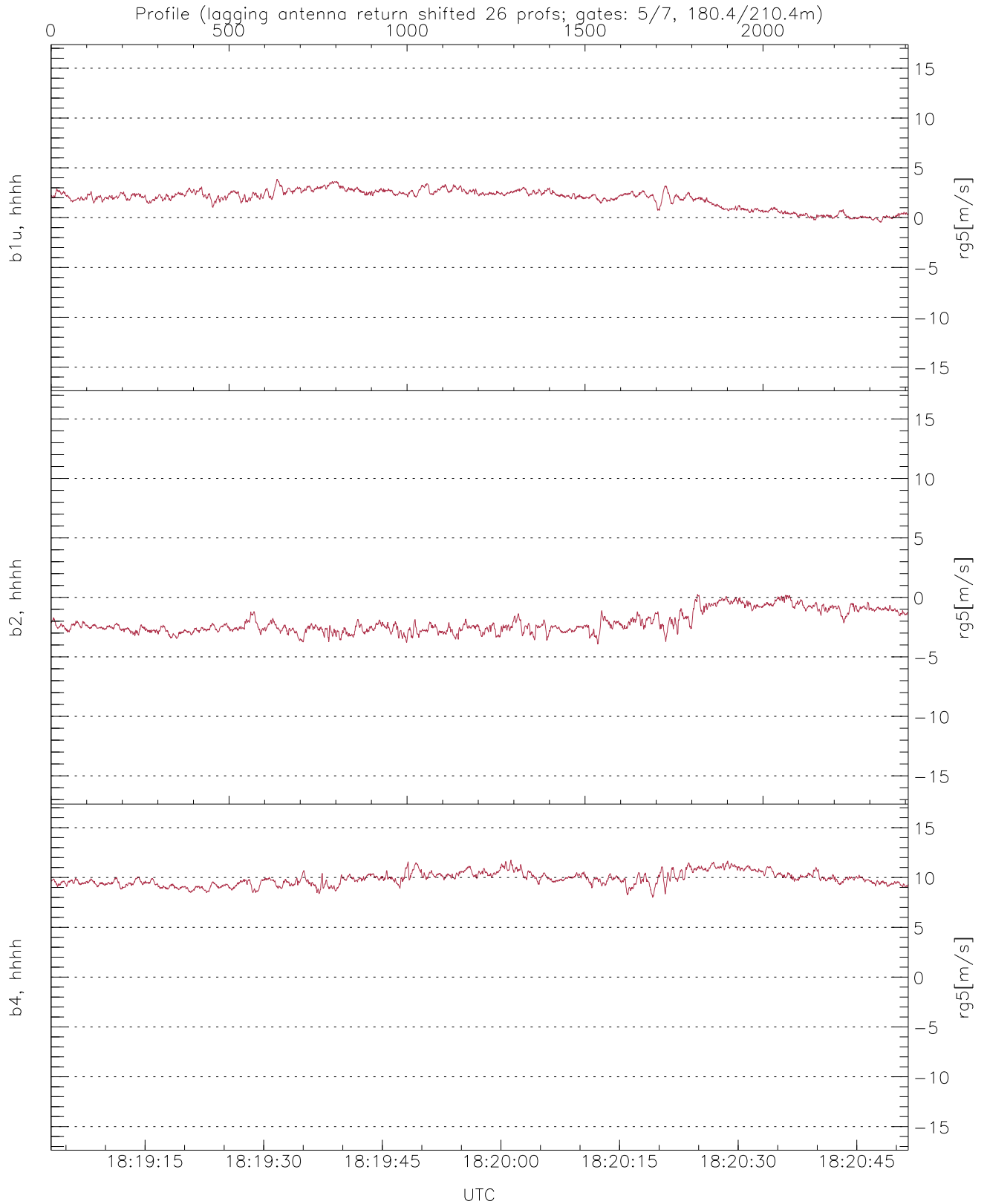
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-44.45	-11.34	-17.09
down(hh[dBm])	-33.73	-10.27	-16.51
down-fore(hh[dBm])	-39.96	-15.53	-21.92



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

	Min	Max	Mean
up/down (dB)	-17.47	8.37	-2.36
down/down-fore (dB)	-0.23	14.06	5.35



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.45	3.88	1.91	0.94
b2, hhhh(rg5[m/s])	-3.93	0.27	-2.11	0.91
b4, hhhh(rg5[m/s])	7.99	11.75	9.87	0.67