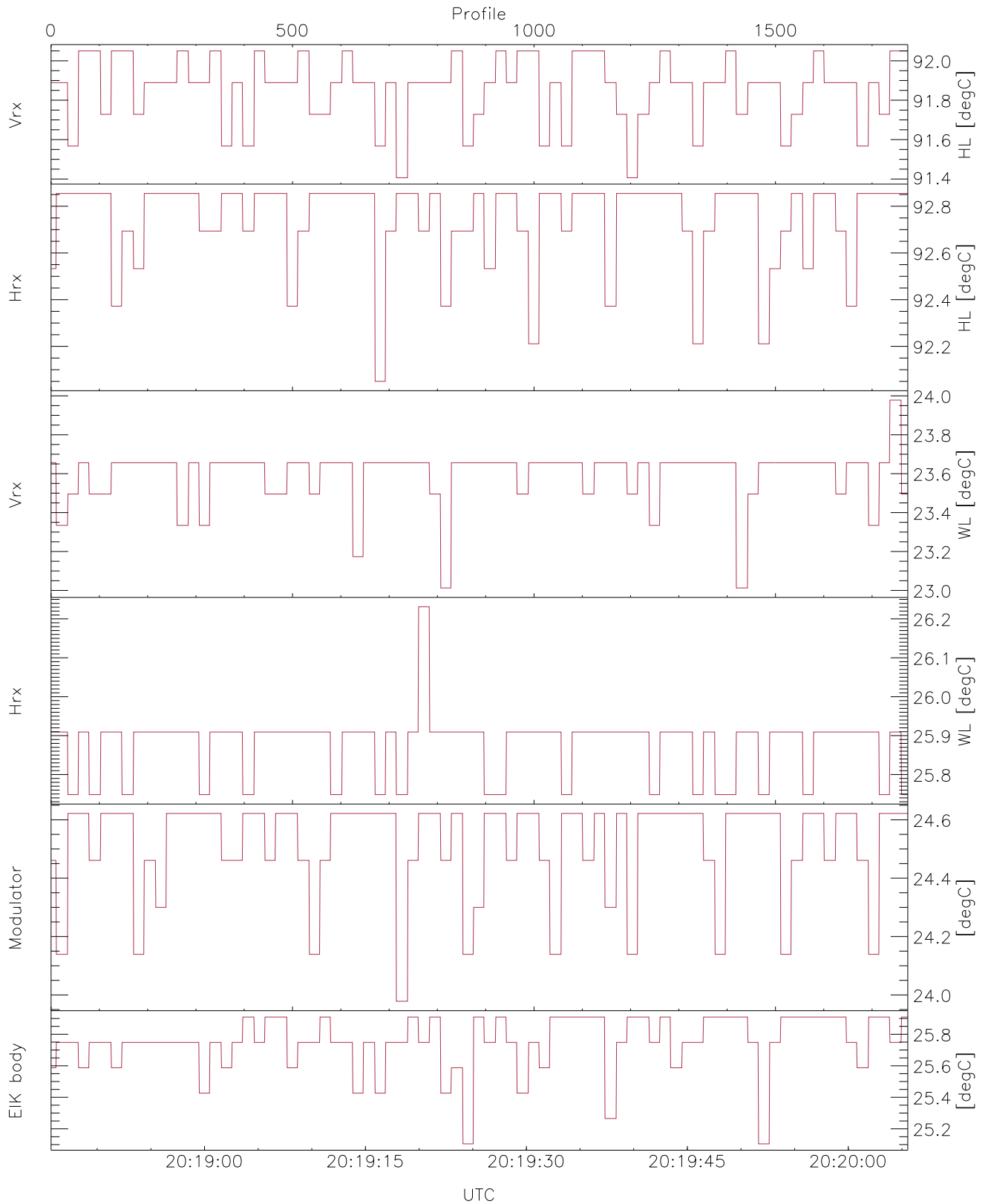


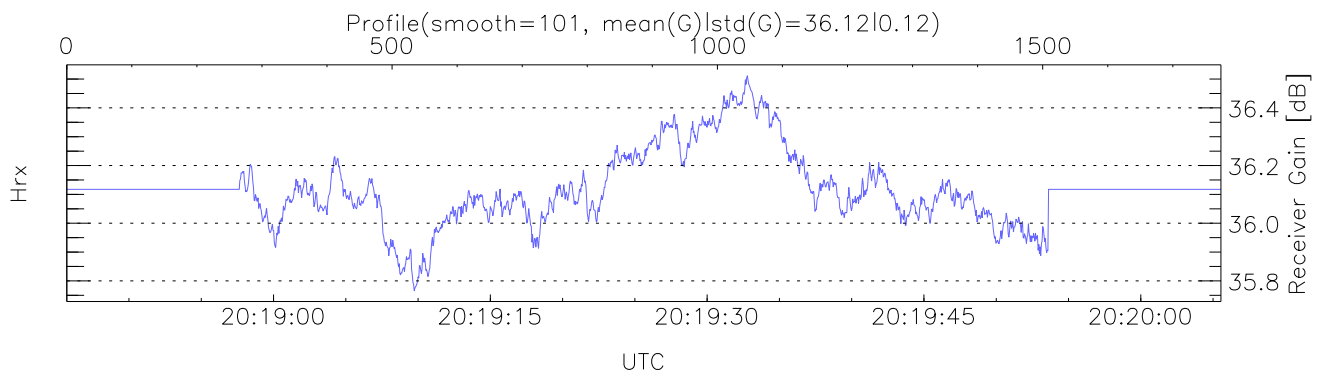
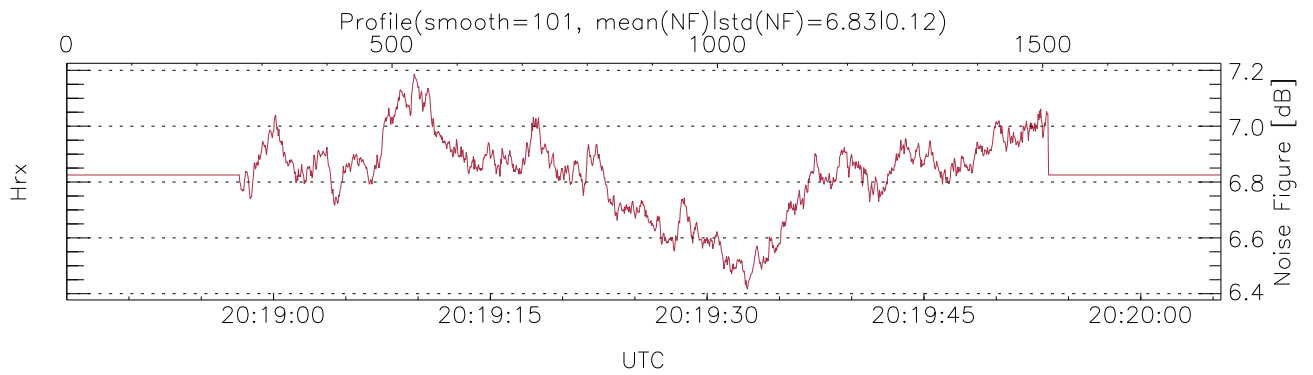
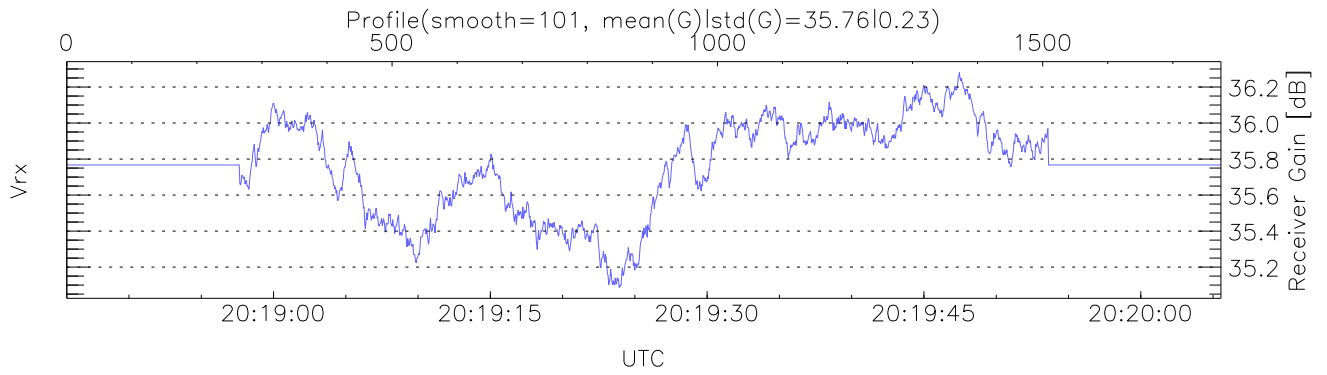
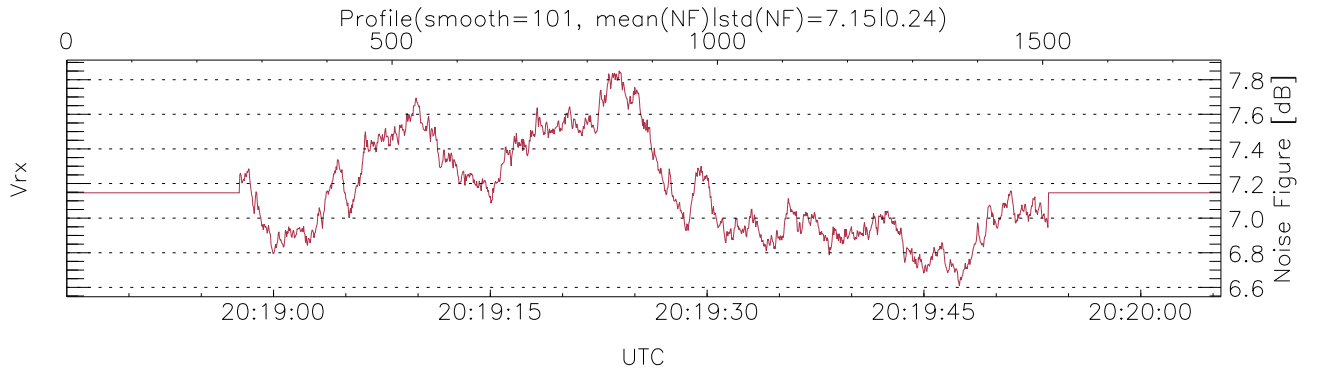
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:18:46-20:20:06, TimeCor: 0.00s, Dur: 79.85s
 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): 1775/1775, 0-1774/20:18:46-20:20:06
 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



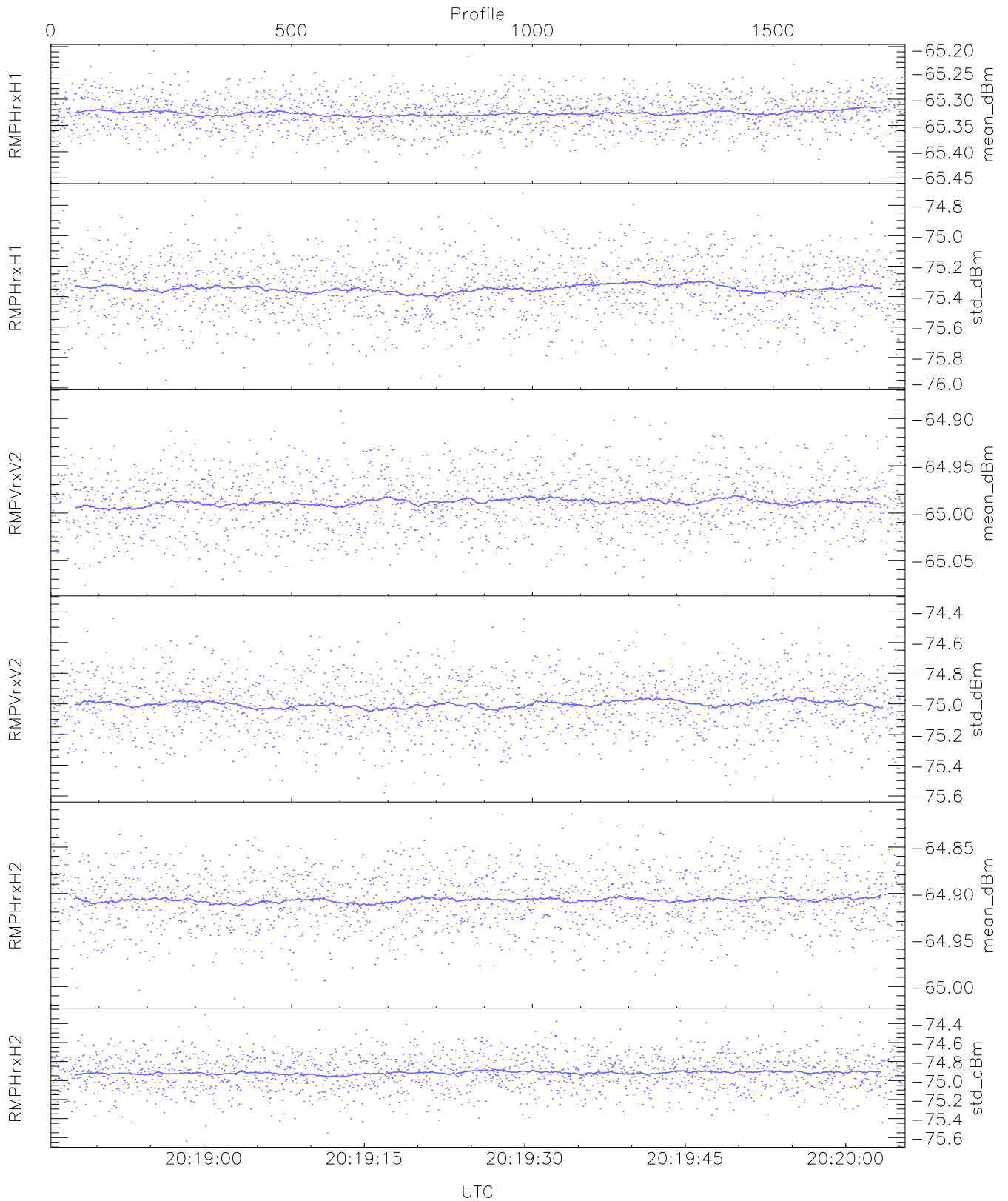
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



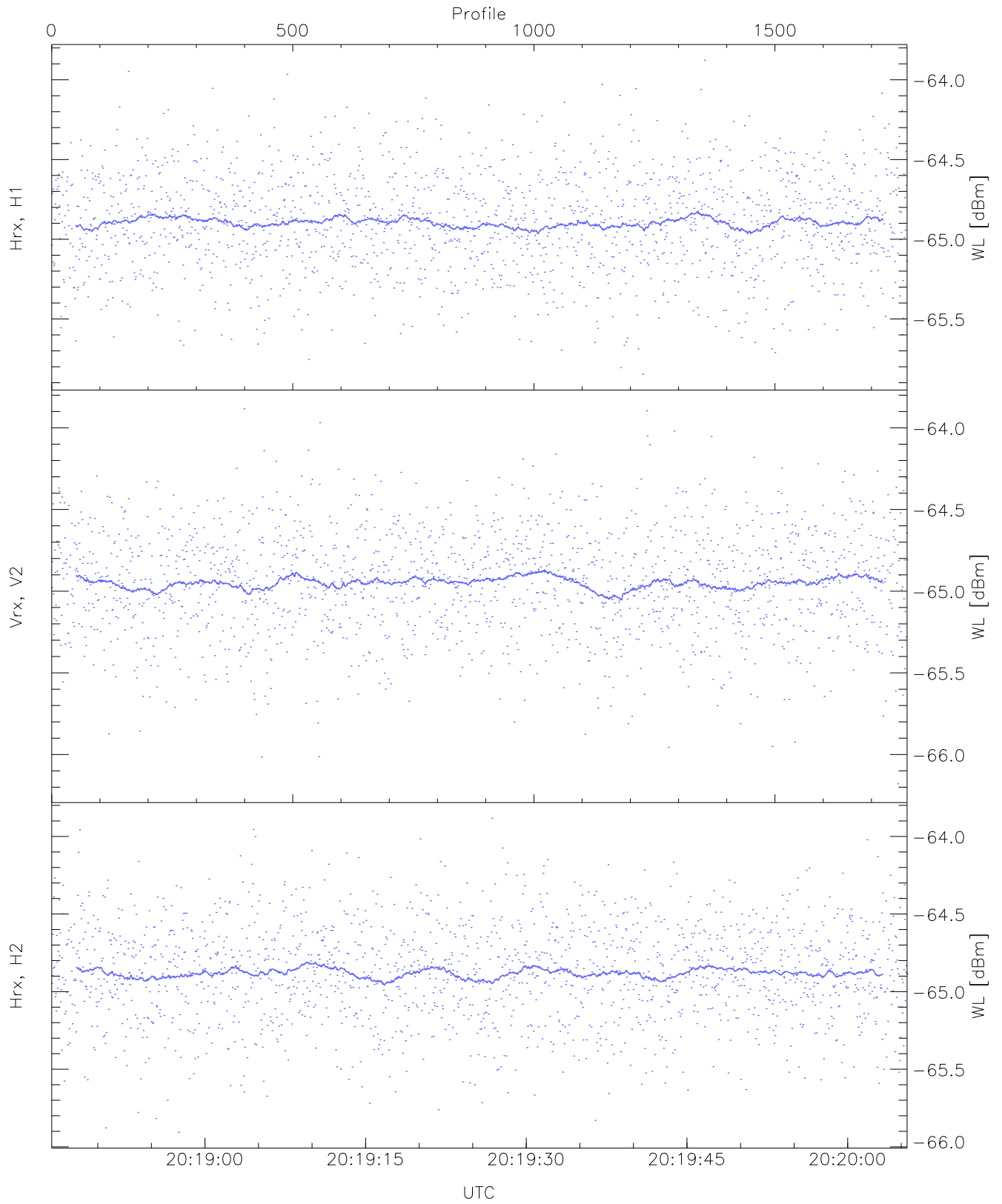
WCR3 CPP Receivers Gain and Noise Figure

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



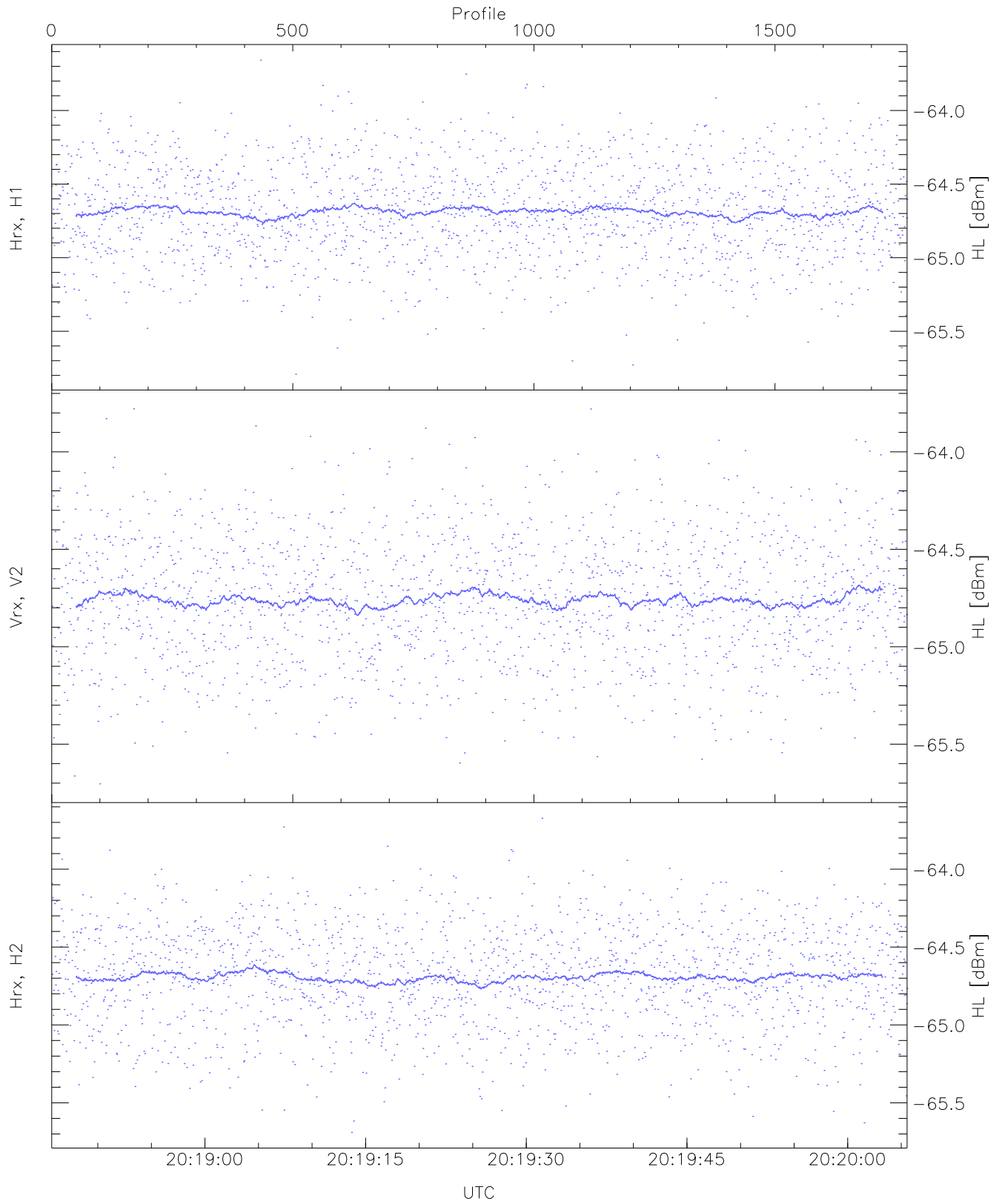
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.45	-65.21	-65.33	-65.33	-86.70
RMPHrxH1 (std_dBm)	-75.95	-74.72	-75.34	-75.34	-89.06
RMPVrxV2 (mean_dBm)	-65.08	-64.88	-64.99	-64.99	-86.63
RMPVrxV2 (std_dBm)	-75.58	-74.36	-75.00	-75.00	-88.78
RMPHrxH2 (mean_dBm)	-65.01	-64.81	-64.91	-64.91	-86.58
RMPHrxH2 (std_dBm)	-75.64	-74.30	-74.92	-74.91	-88.72



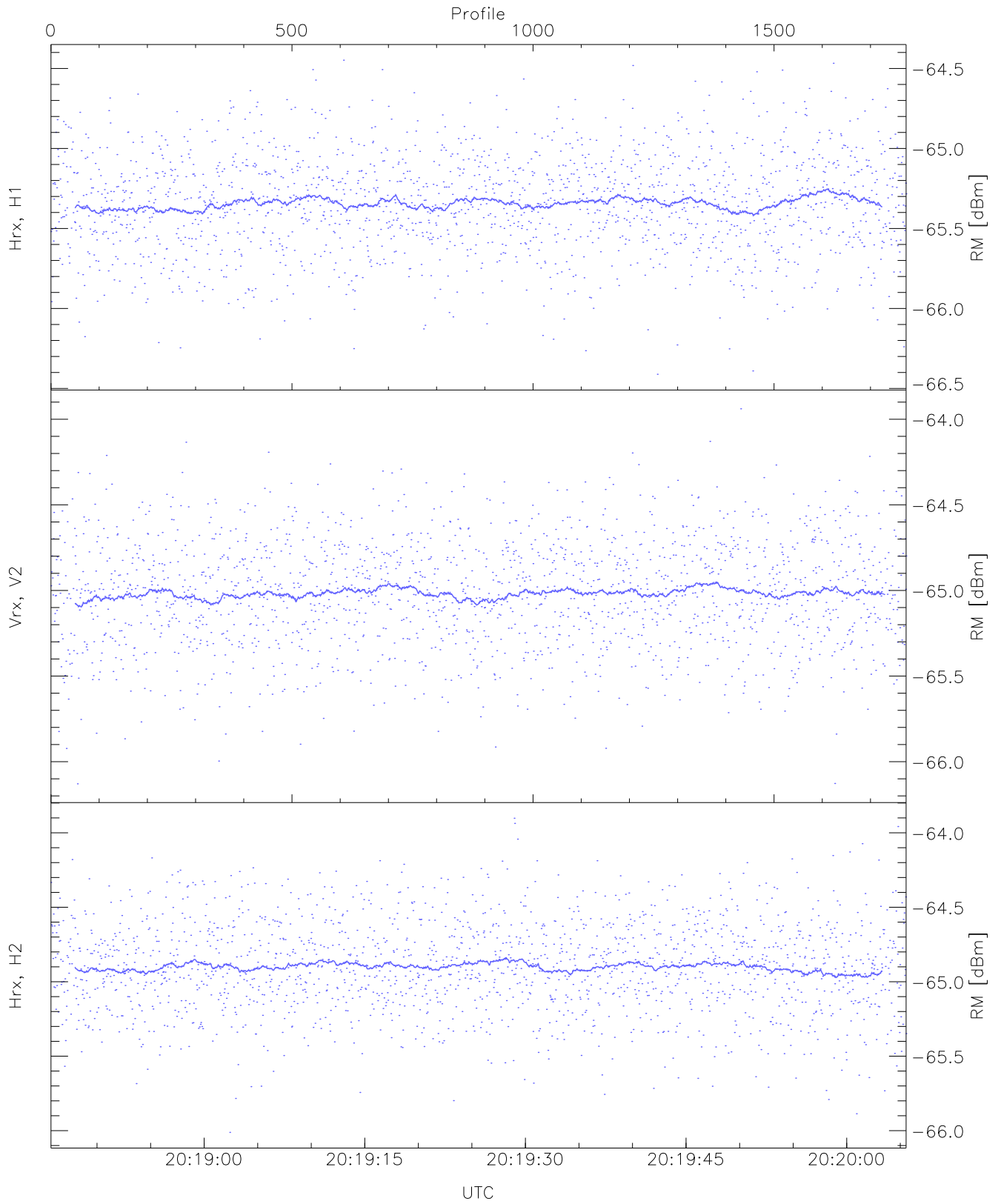
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.85	-63.88	-64.89	-64.89	-76.42
Vrx, V2 (WL [dBm])	-66.18	-63.88	-64.94	-64.94	-76.35
Hrx, H2 (WL [dBm])	-65.91	-63.88	-64.87	-64.88	-76.37



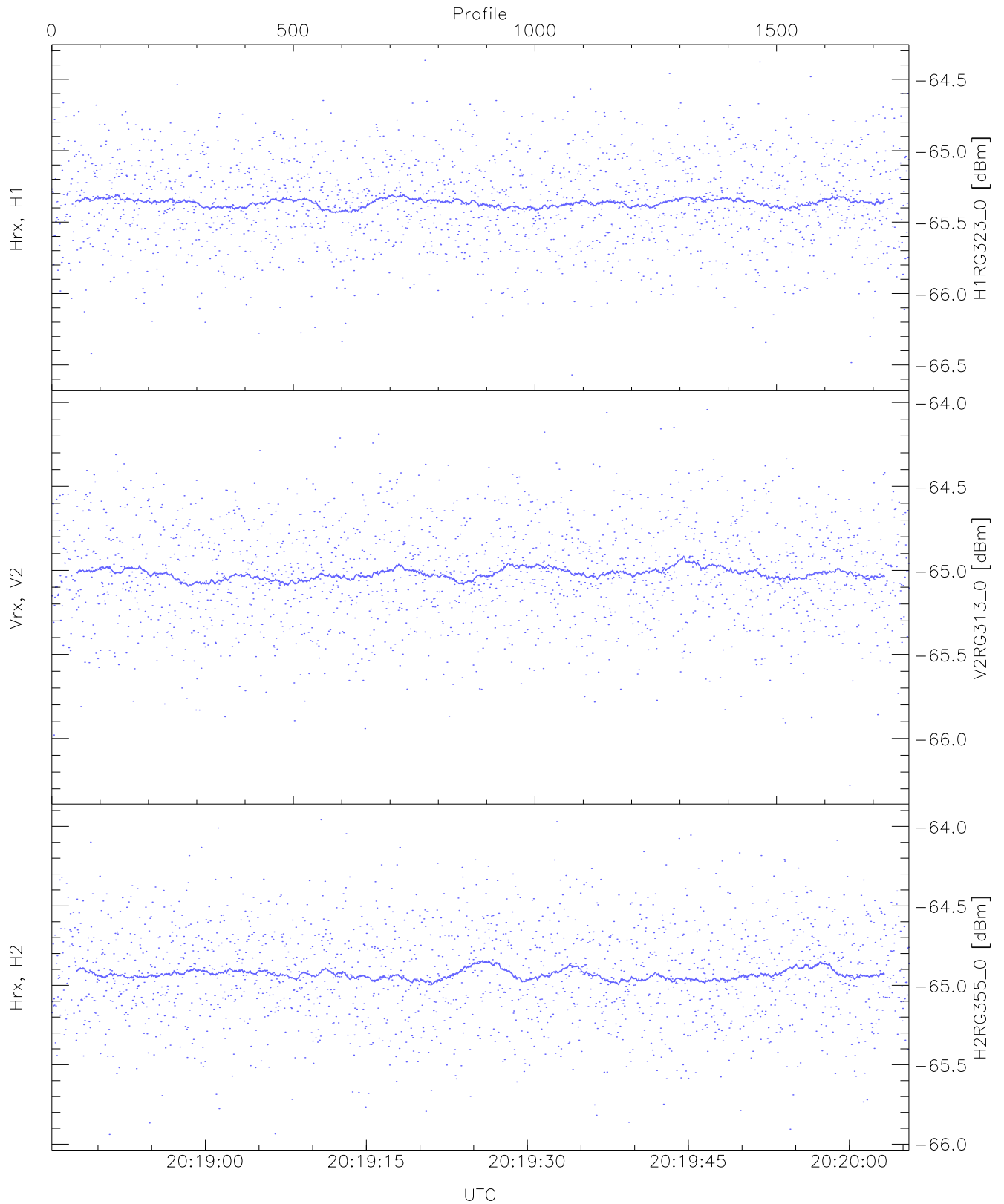
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.79	-63.66	-64.68	-64.70	-76.18
Vrx, V2 (HL [dBm])	-65.70	-63.78	-64.75	-64.76	-76.20
Hrx, H2 (HL [dBm])	-65.69	-63.67	-64.68	-64.68	-76.24



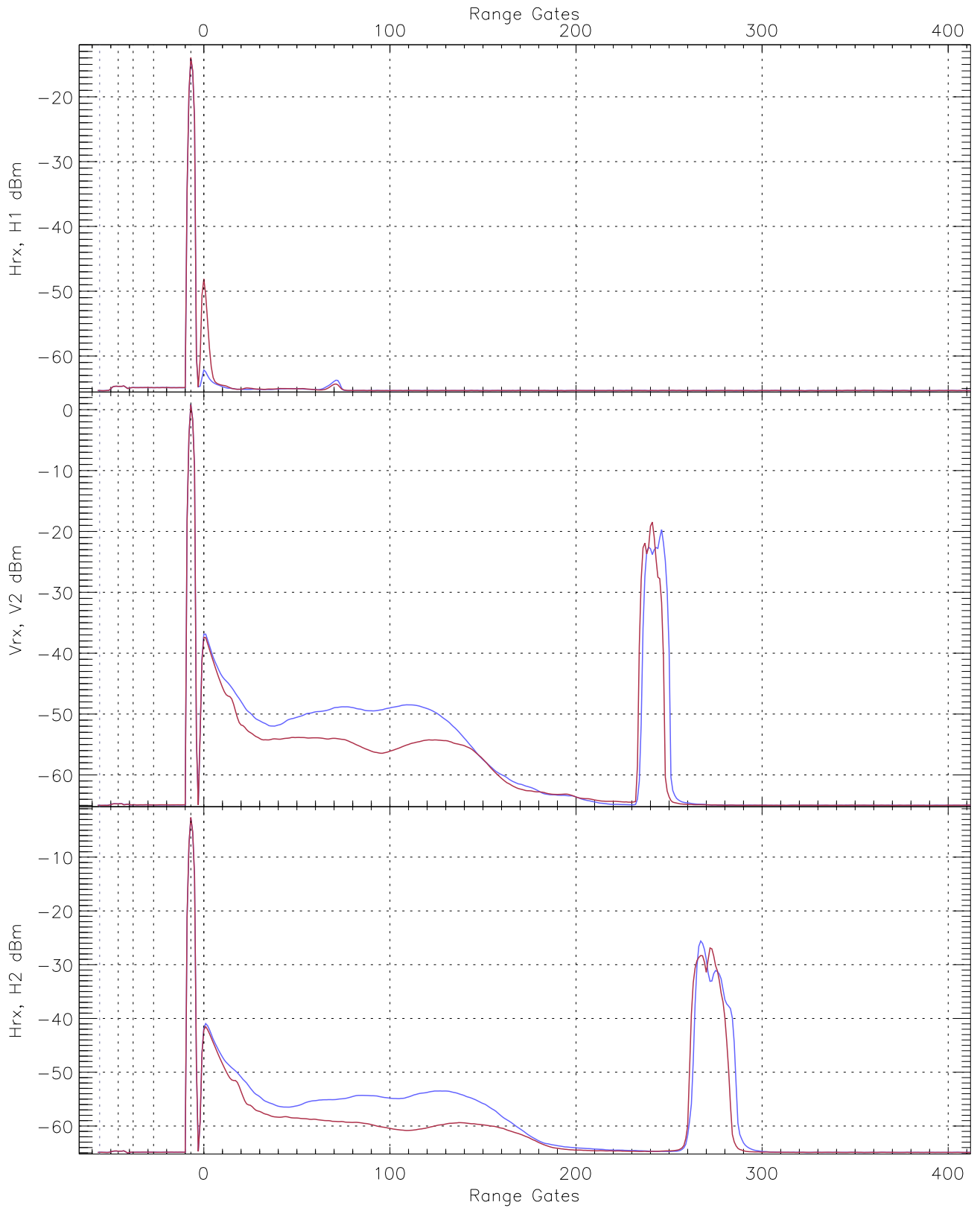
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.41	-64.45	-65.33	-65.34	-76.93
Vrx, V2(RM [dBm])	-66.13	-63.94	-65.01	-65.01	-76.50
Hrx, H2(RM [dBm])	-66.01	-63.90	-64.89	-64.91	-76.48

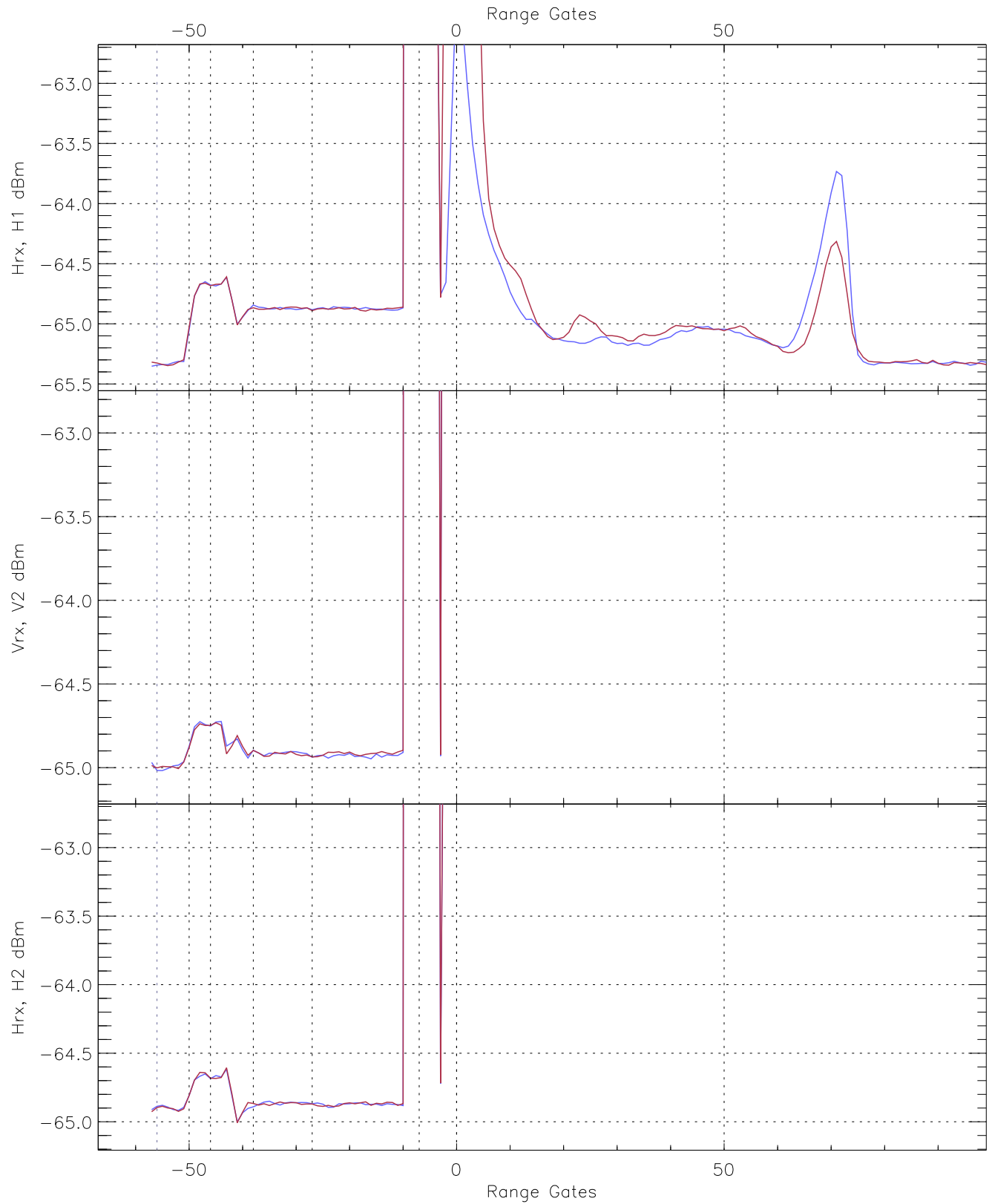


WCR3 CPP "Best" estimate Receivers Noise Power

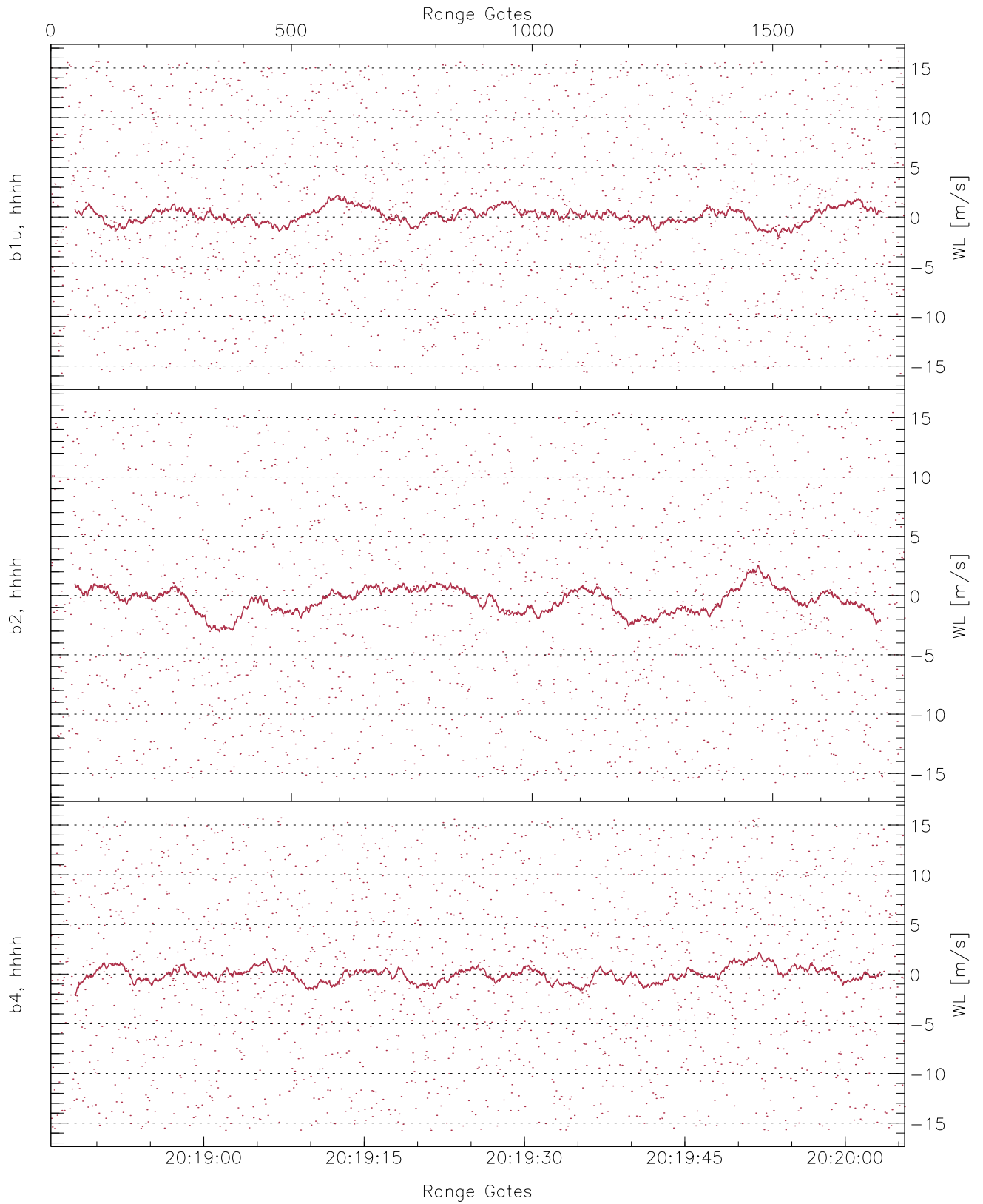
	Min	Max	Mean	Median	StDev
H1RG323_0 [dBm]	-66.57	-64.37	-65.35	-65.36	-76.78
V2RG313_0 [dBm]	-66.28	-64.04	-65.01	-65.02	-76.60
H2RG355_0 [dBm]	-65.94	-63.96	-64.92	-64.94	-76.40



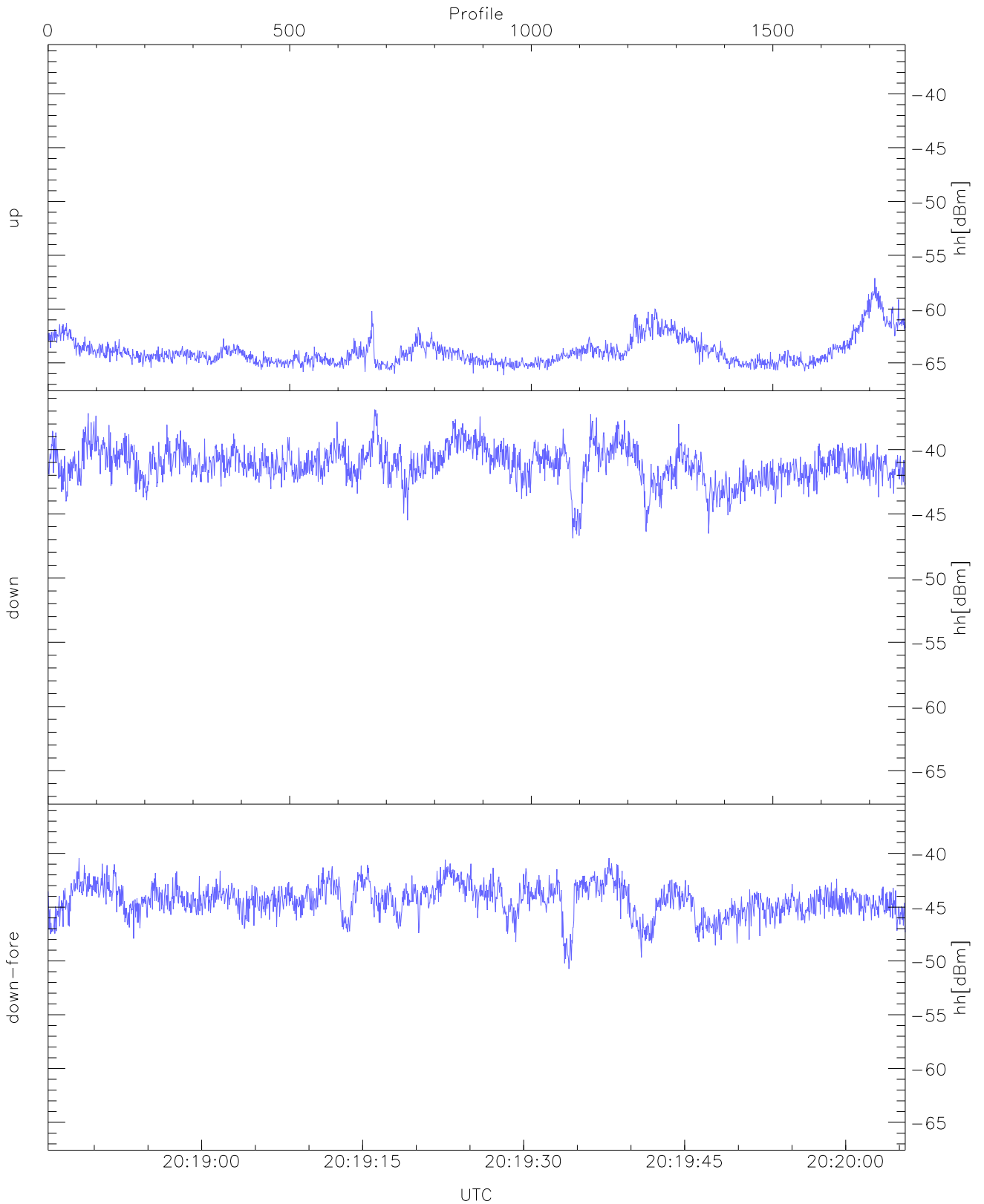
WCR3 CPP Averaged Received power for all recorded gates
blue: 201846-201926, 888 profiles averaged
red: 201926-202006, 888 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 201846-201926, 888 profiles averaged
red: 201926-202006, 888 profiles averaged

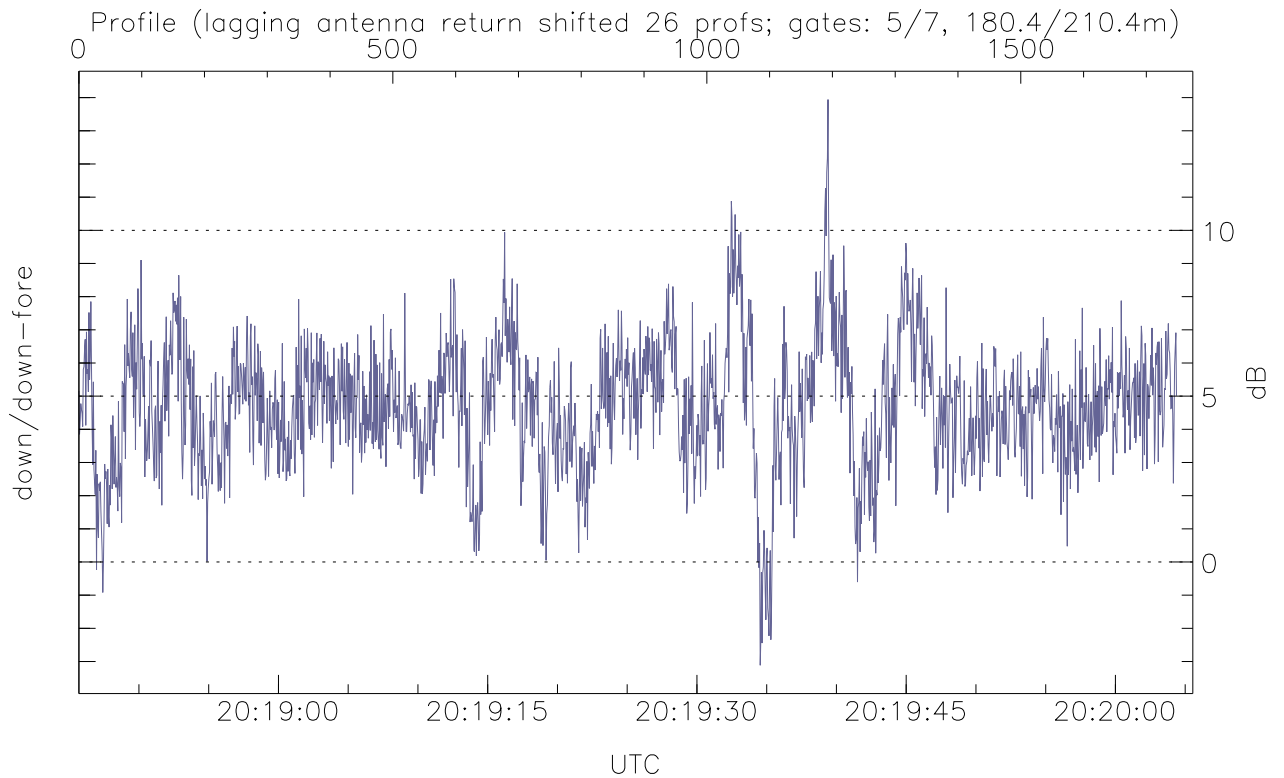
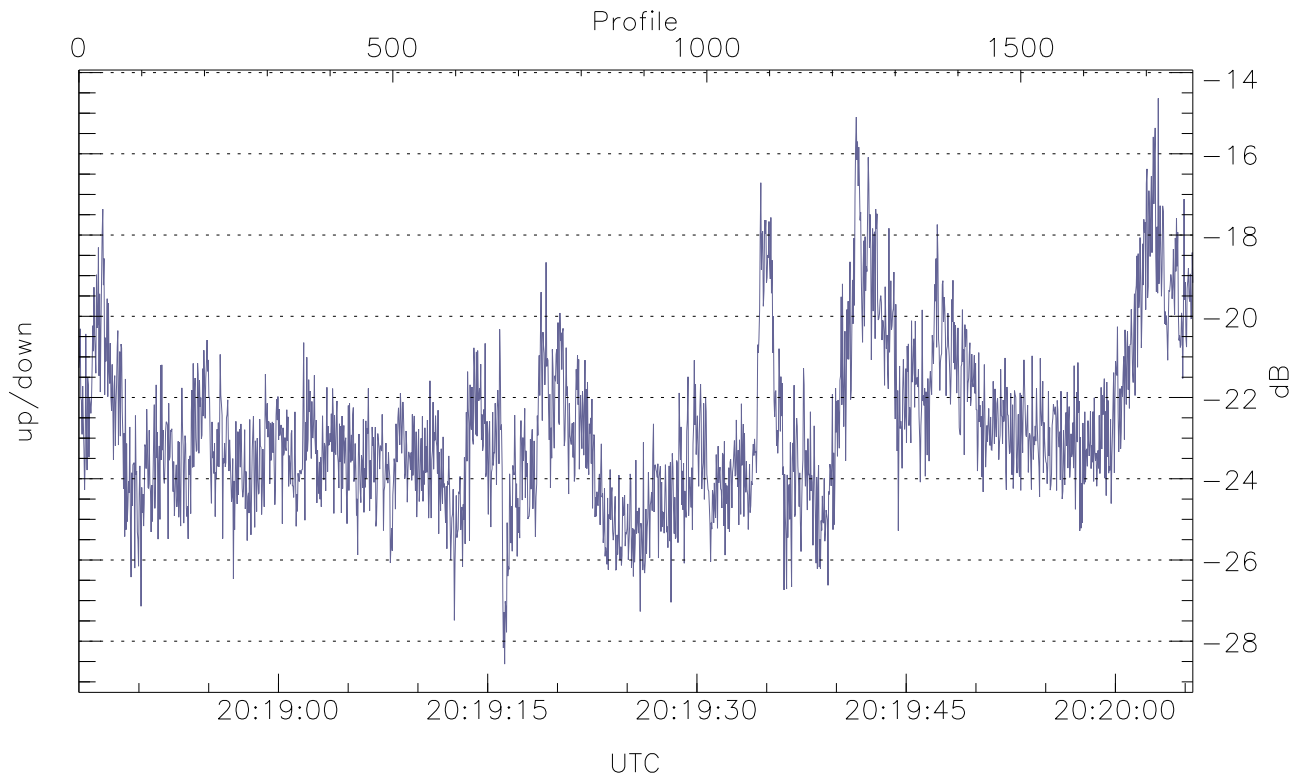


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



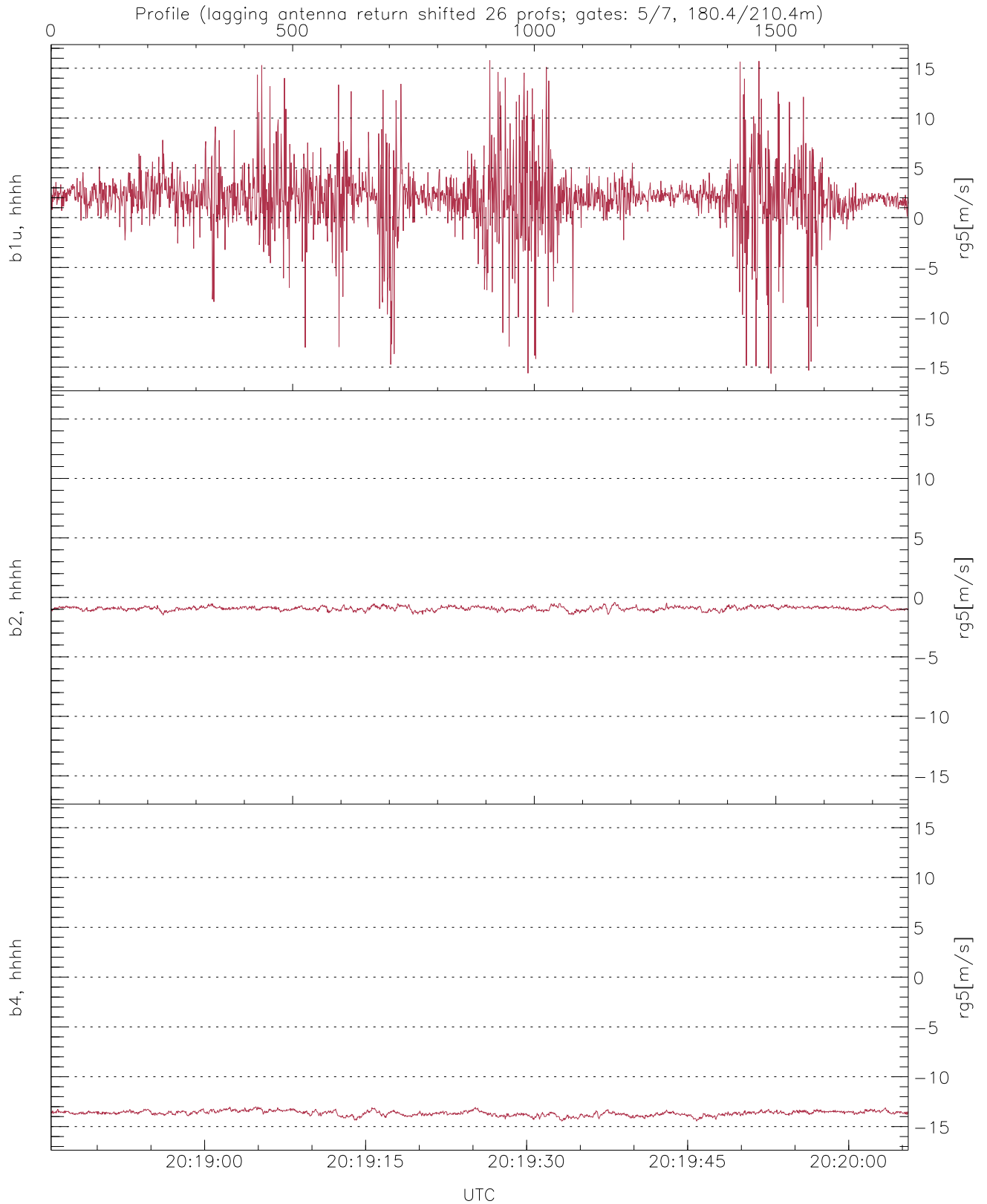
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.13	-57.13	-63.69
down(hh[dBm])	-46.91	-36.88	-40.94
down-fore(hh[dBm])	-50.73	-40.44	-44.13



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

	Min	Max	Mean
up/down (dB)	-28.56	-14.63	-22.76
down/down-fore (dB)	-3.11	13.94	4.71



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.65	15.79	1.97	3.37
b2, hhhh(rg5[m/s])	-1.49	-0.42	-0.93	0.16
b4, hhhh(rg5[m/s])	-14.45	-13.03	-13.66	0.24