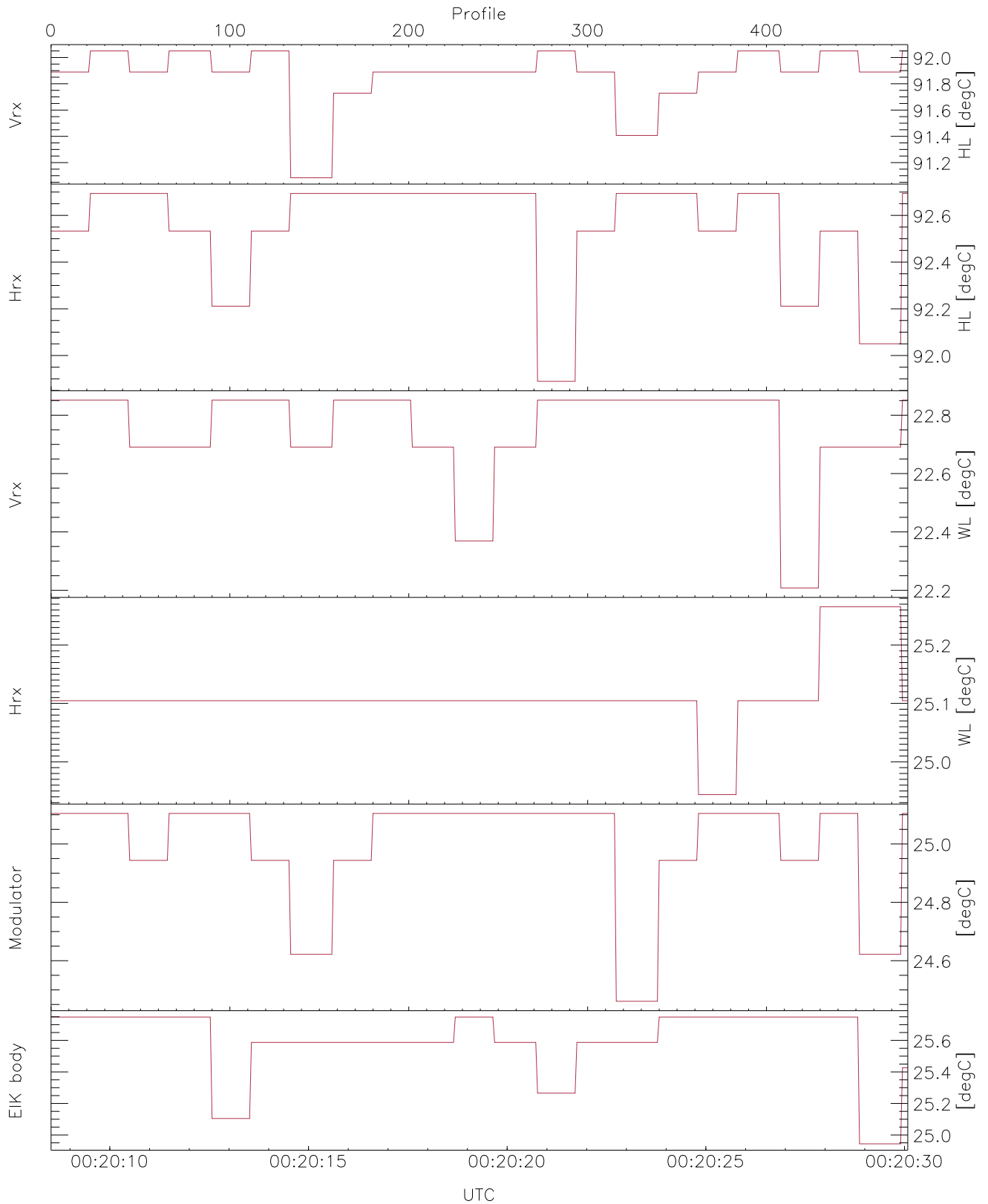


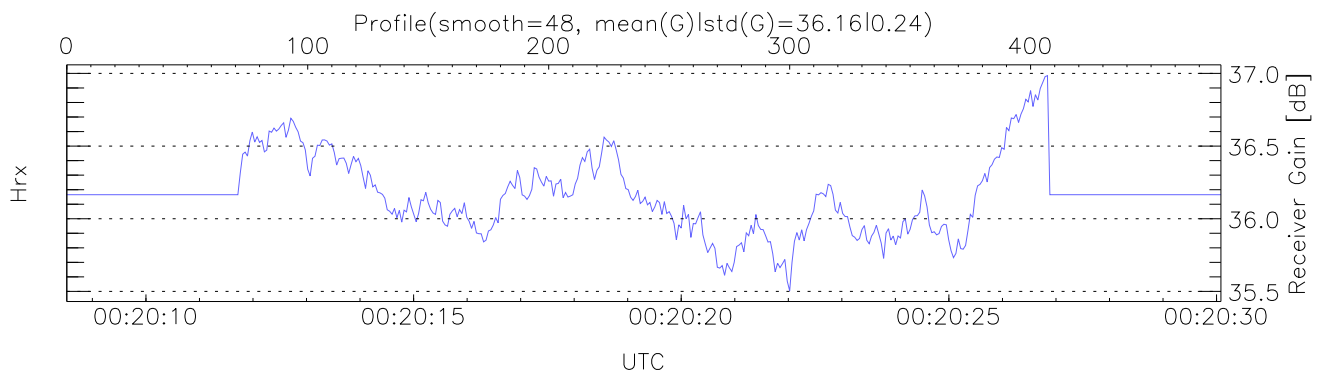
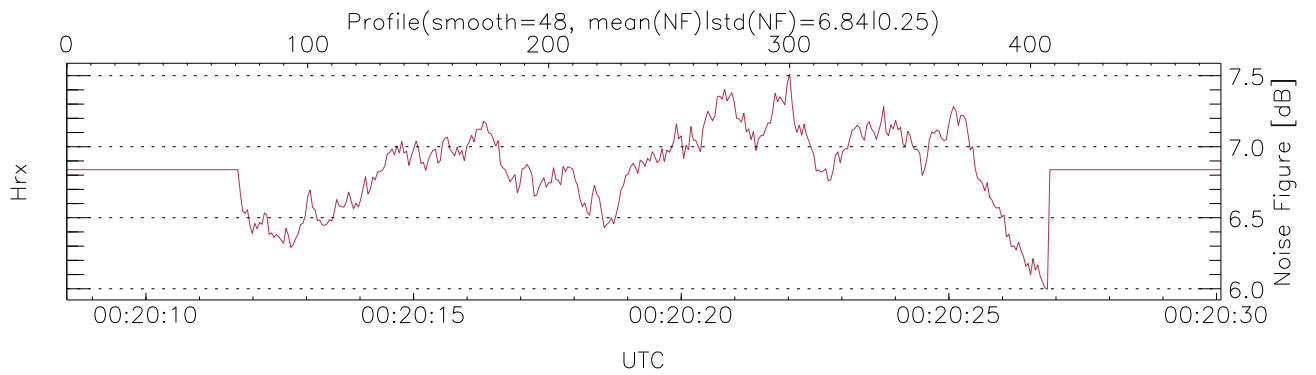
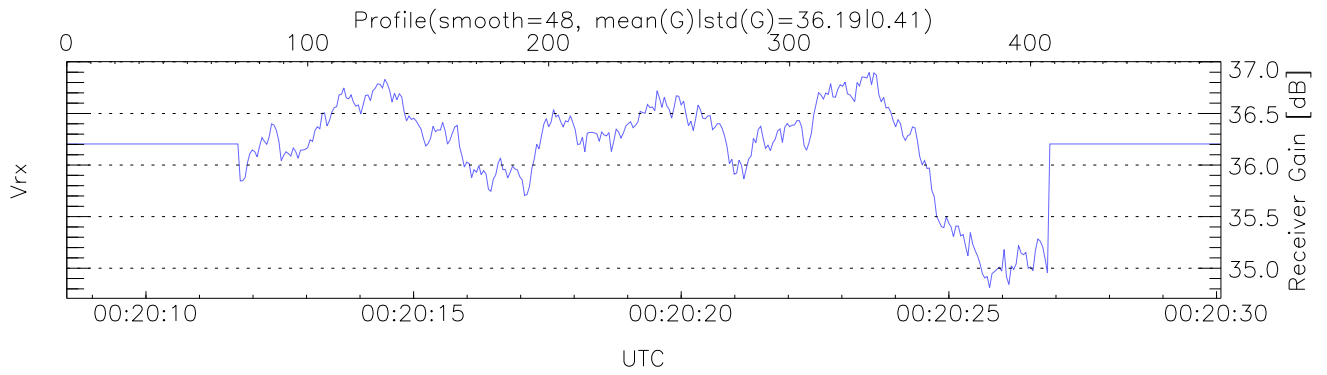
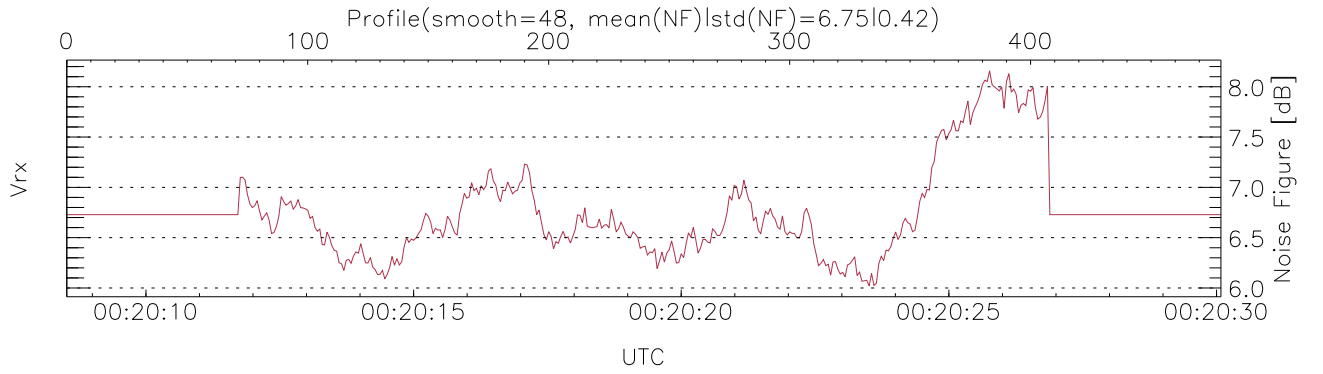
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:20:09-00:20:30, TimeCor: 0.00s, Dur: 21.56s
 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): 480/480, 0-479/00:20:09-00:20:30
 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



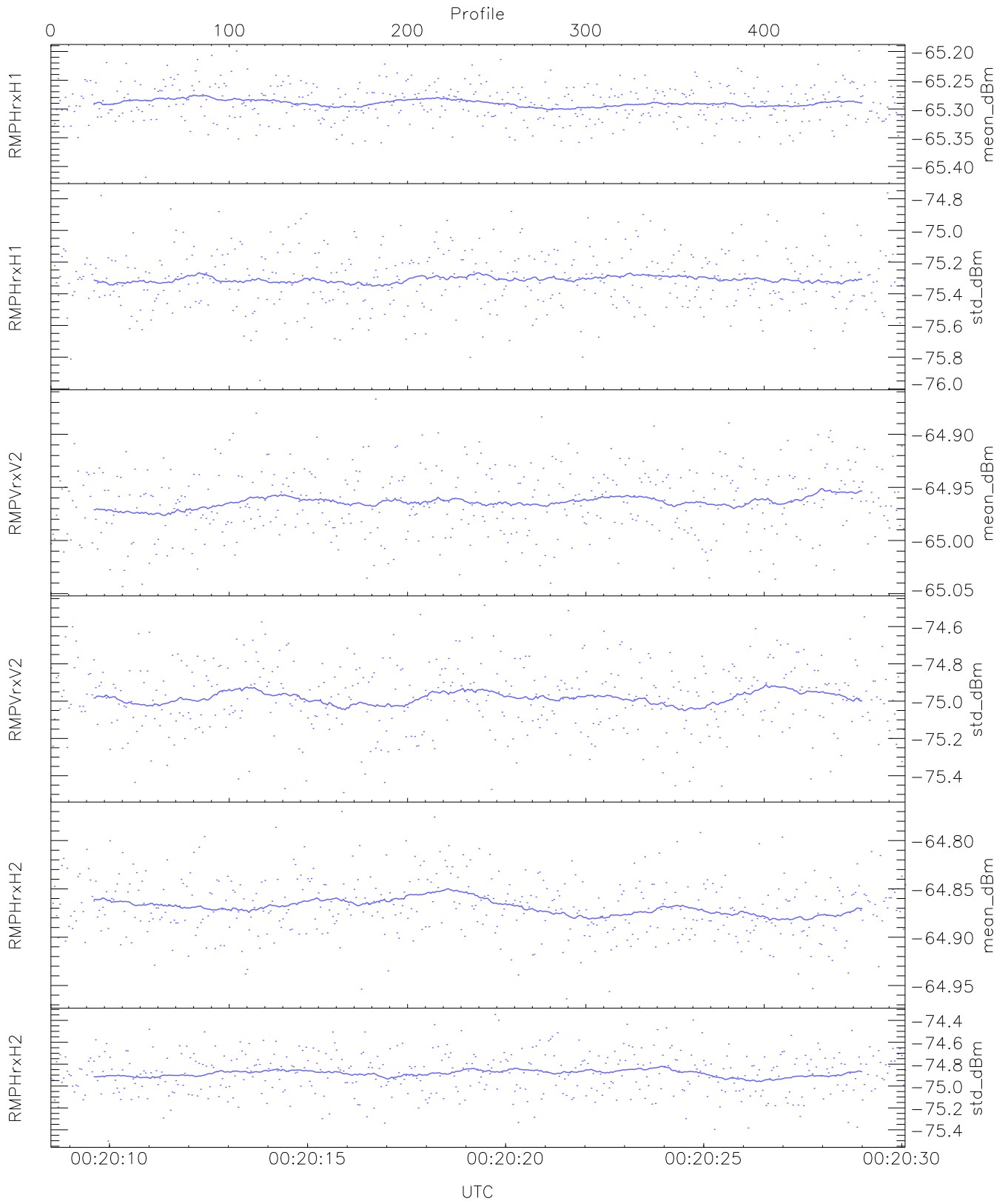
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



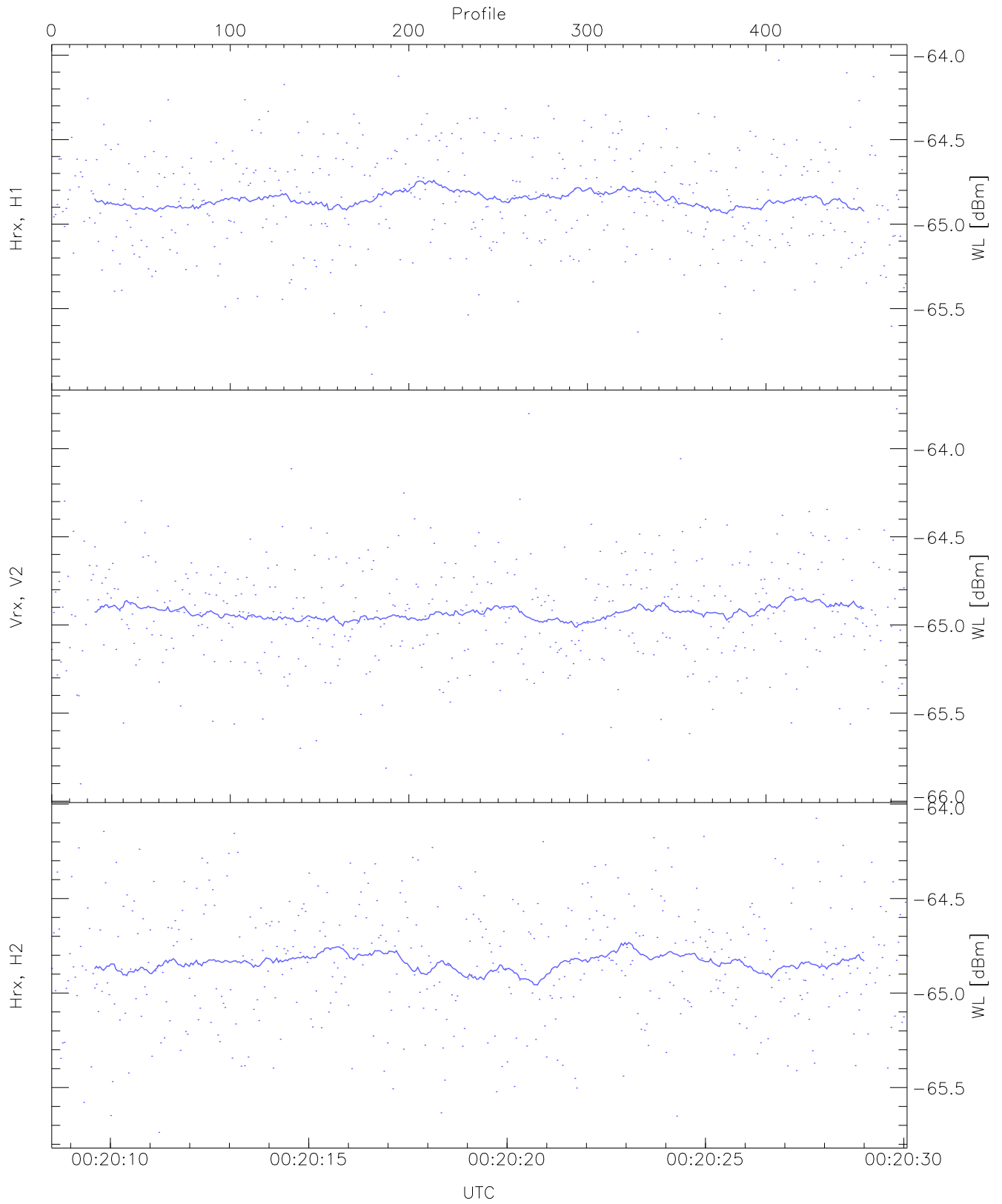
WCR3 CPP Receivers Gain and Noise Figure

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



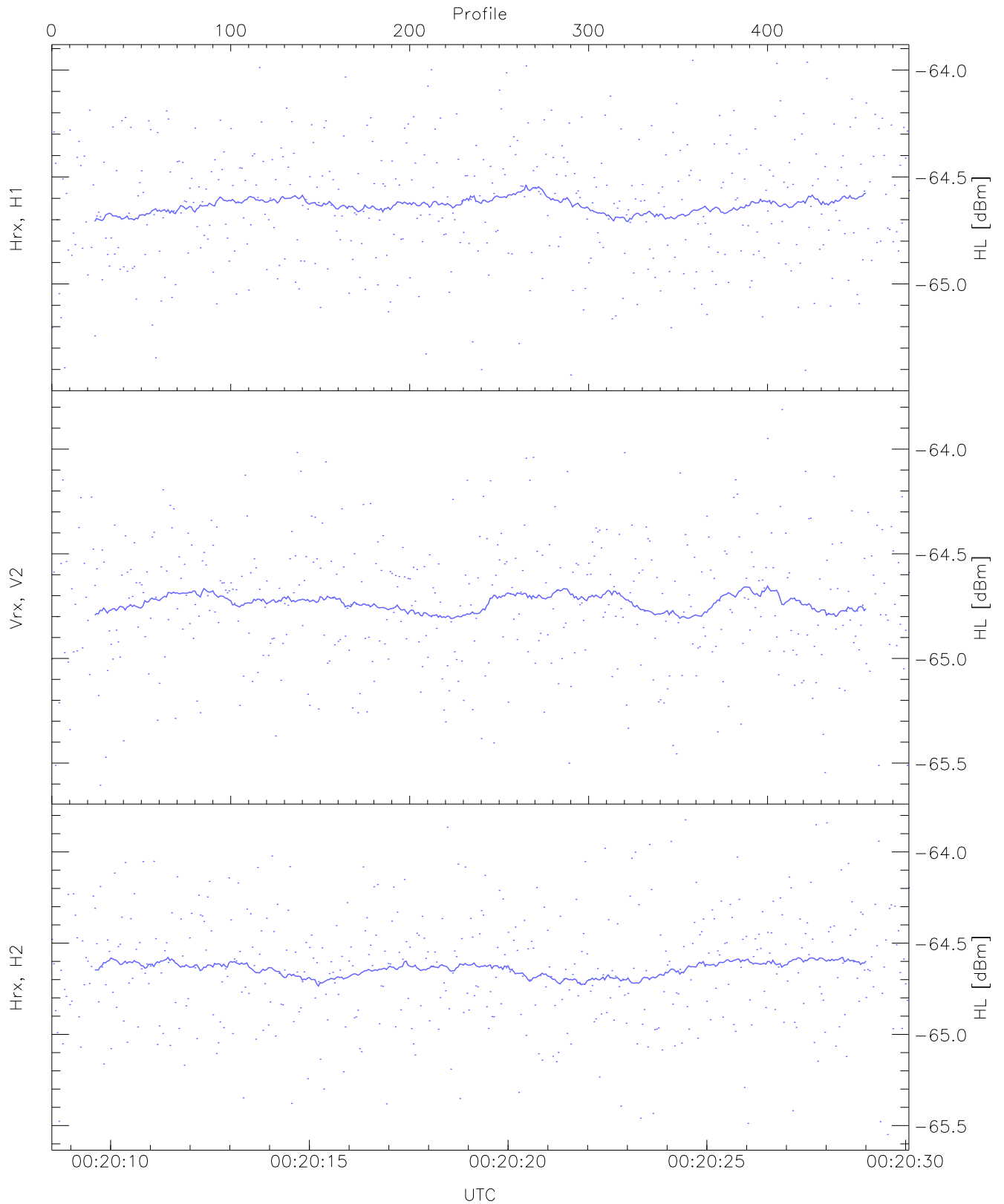
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.42	-65.20	-65.29	-65.29	-86.76
RMPHrxH1 (std_dBm)	-75.95	-74.76	-75.31	-75.31	-89.07
RMPVrxV2 (mean_dBm)	-65.04	-64.87	-64.96	-64.96	-86.34
RMPVrxV2 (std_dBm)	-75.49	-74.49	-74.98	-74.97	-88.73
RMPHrxH2 (mean_dBm)	-64.96	-64.77	-64.87	-64.87	-86.45
RMPHrxH2 (std_dBm)	-75.50	-74.35	-74.88	-74.88	-88.55



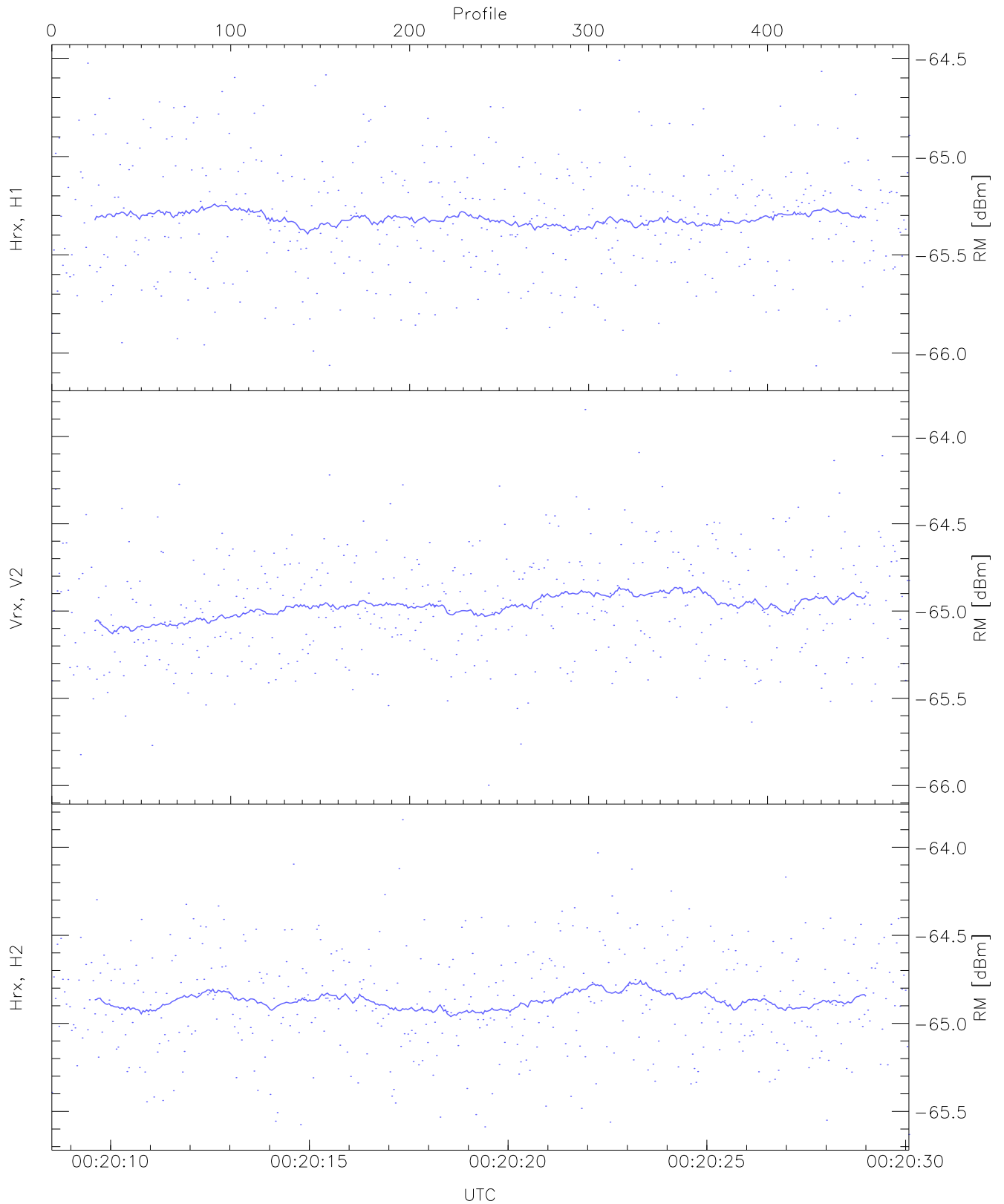
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.89	-64.03	-64.85	-64.85	-76.51
Vrx, V2 (WL [dBm])	-65.90	-63.77	-64.92	-64.92	-76.57
Hrx, H2 (WL [dBm])	-65.74	-64.08	-64.83	-64.84	-76.33



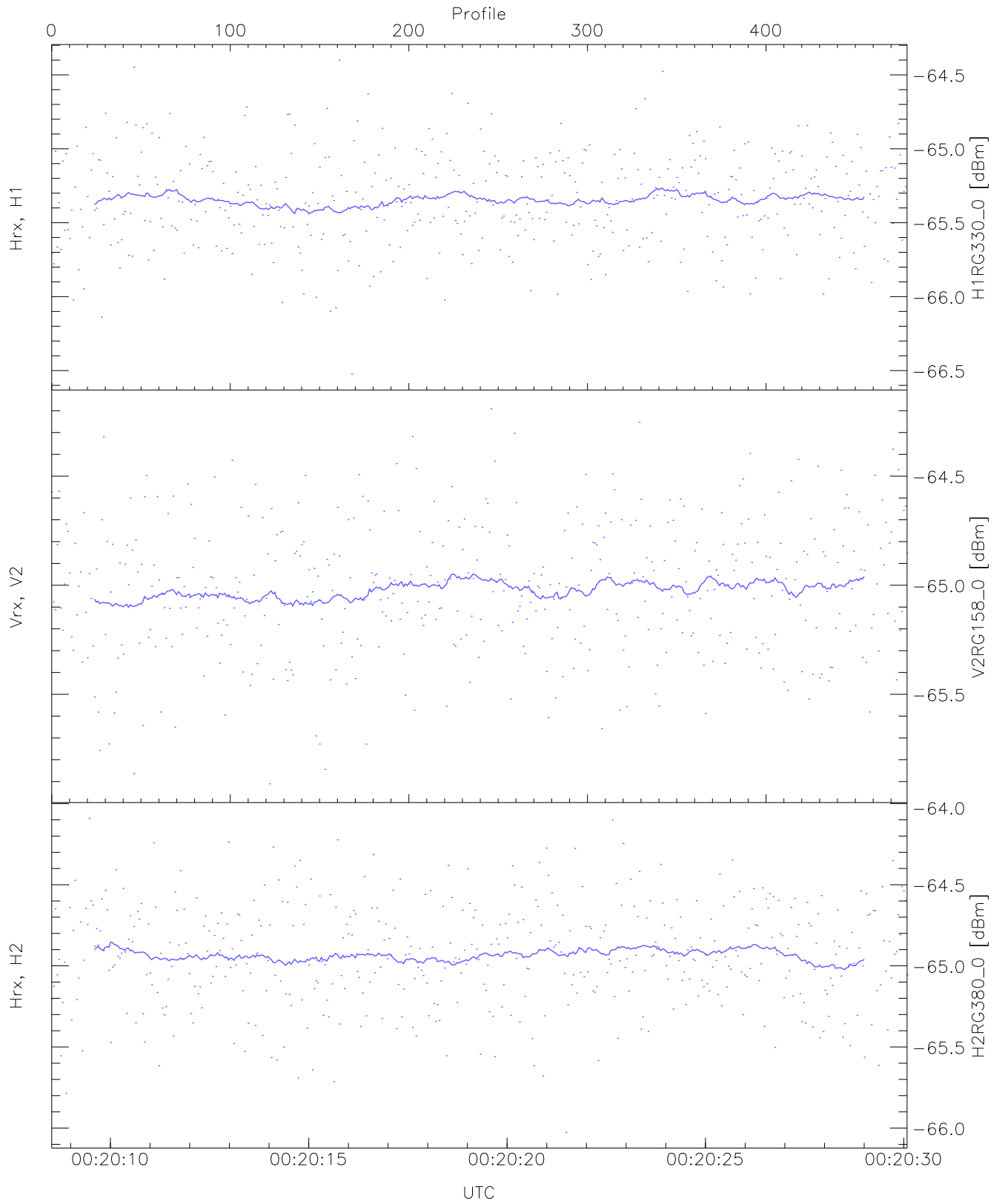
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.43	-63.95	-64.62	-64.62	-76.49
Vrx, V2 (HL [dBm])	-65.61	-63.81	-64.73	-64.73	-76.24
Hrx, H2 (HL [dBm])	-65.55	-63.82	-64.63	-64.63	-76.10



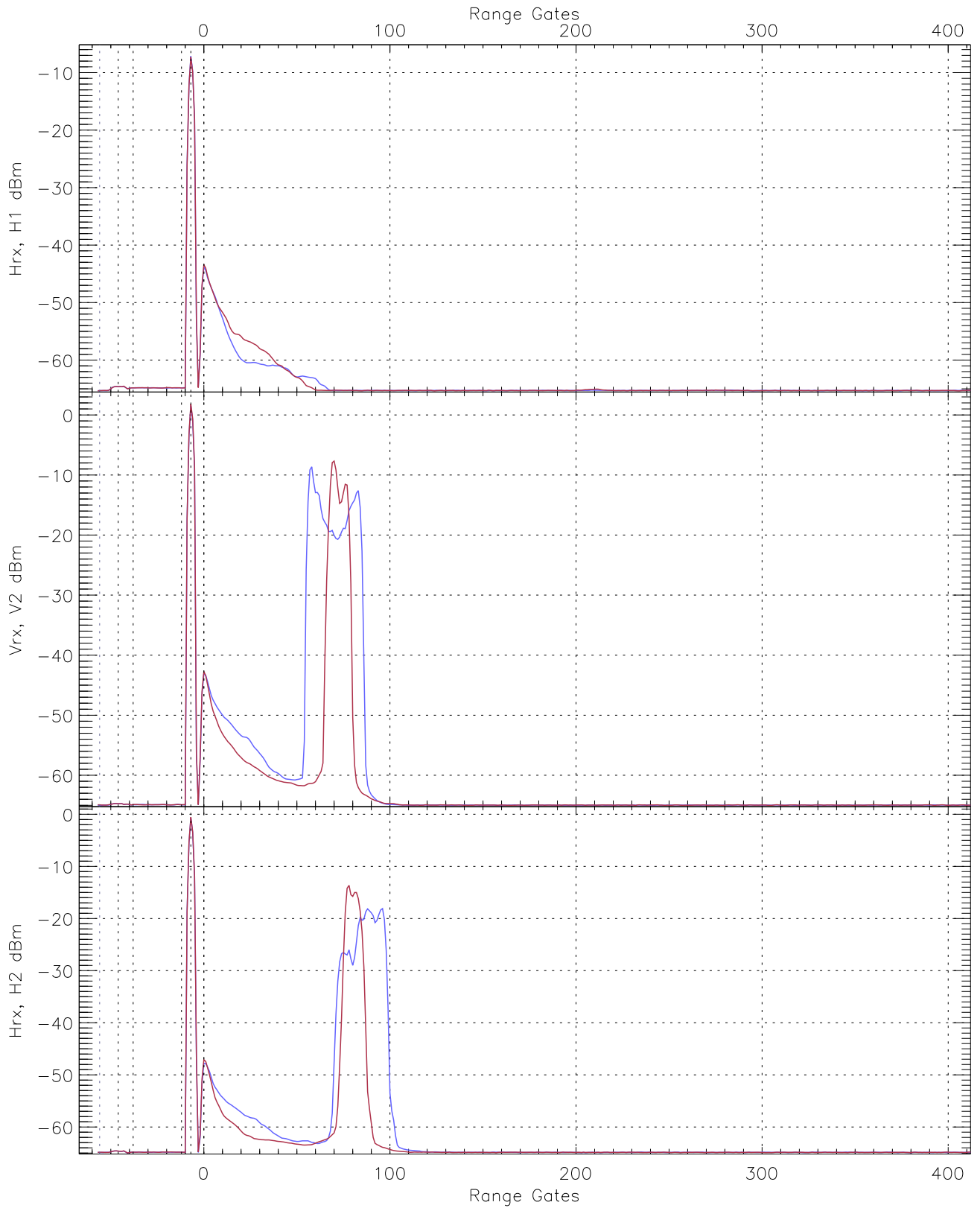
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.11	-64.51	-65.31	-65.31	-76.96
Vrx, V2 (RM [dBm])	-66.00	-63.85	-64.96	-64.98	-76.46
Hrx, H2 (RM [dBm])	-65.63	-63.84	-64.86	-64.87	-76.58

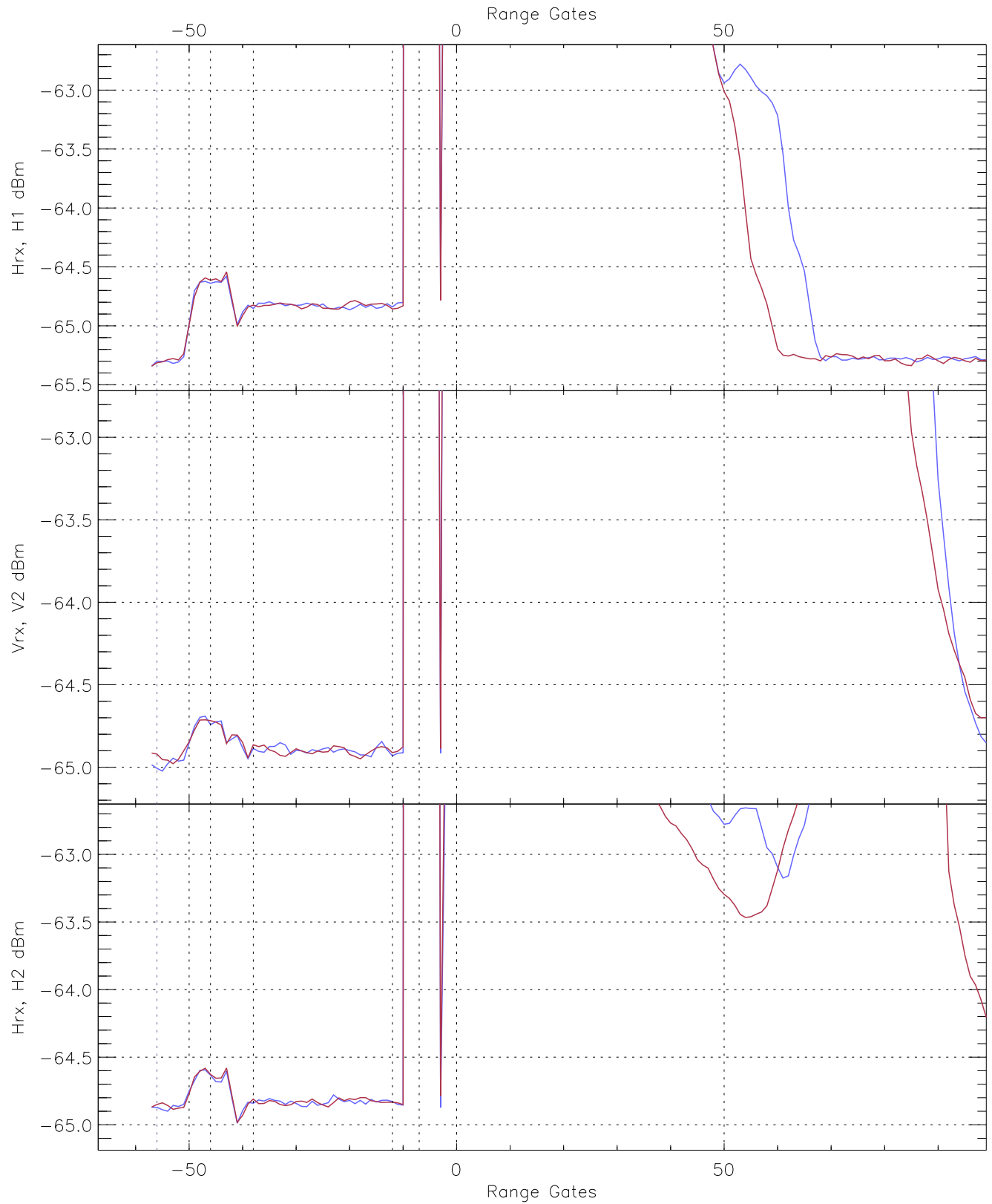


WCR3 CPP "Best" estimate Receivers Noise Power

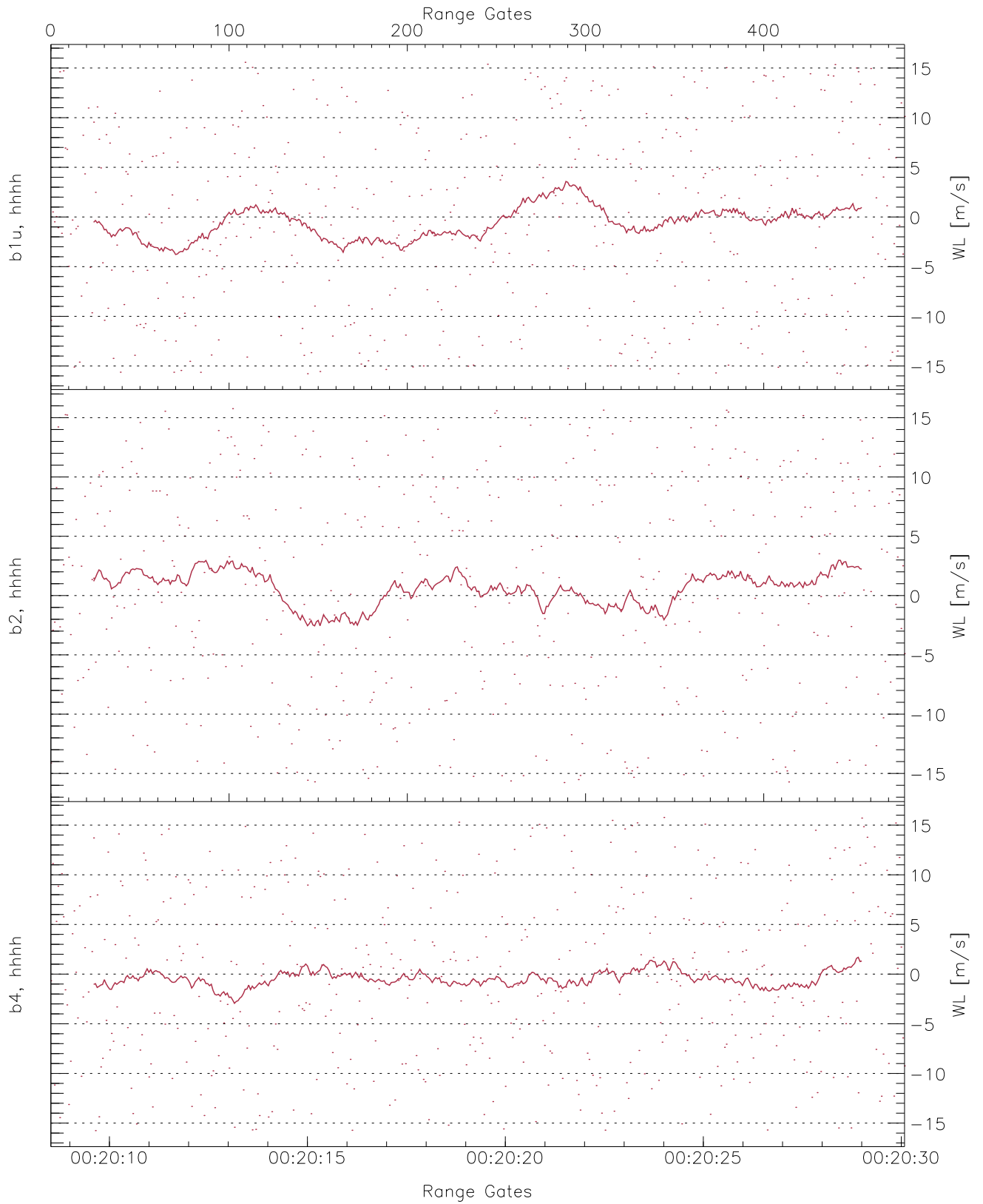
	Min	Max	Mean	Median	StDev
H1RG330_0 [dBm]	-66.53	-64.40	-65.34	-65.35	-76.79
V2RG158_0 [dBm]	-65.91	-64.19	-65.01	-65.01	-76.62
H2RG380_0 [dBm]	-66.03	-64.09	-64.92	-64.93	-76.38



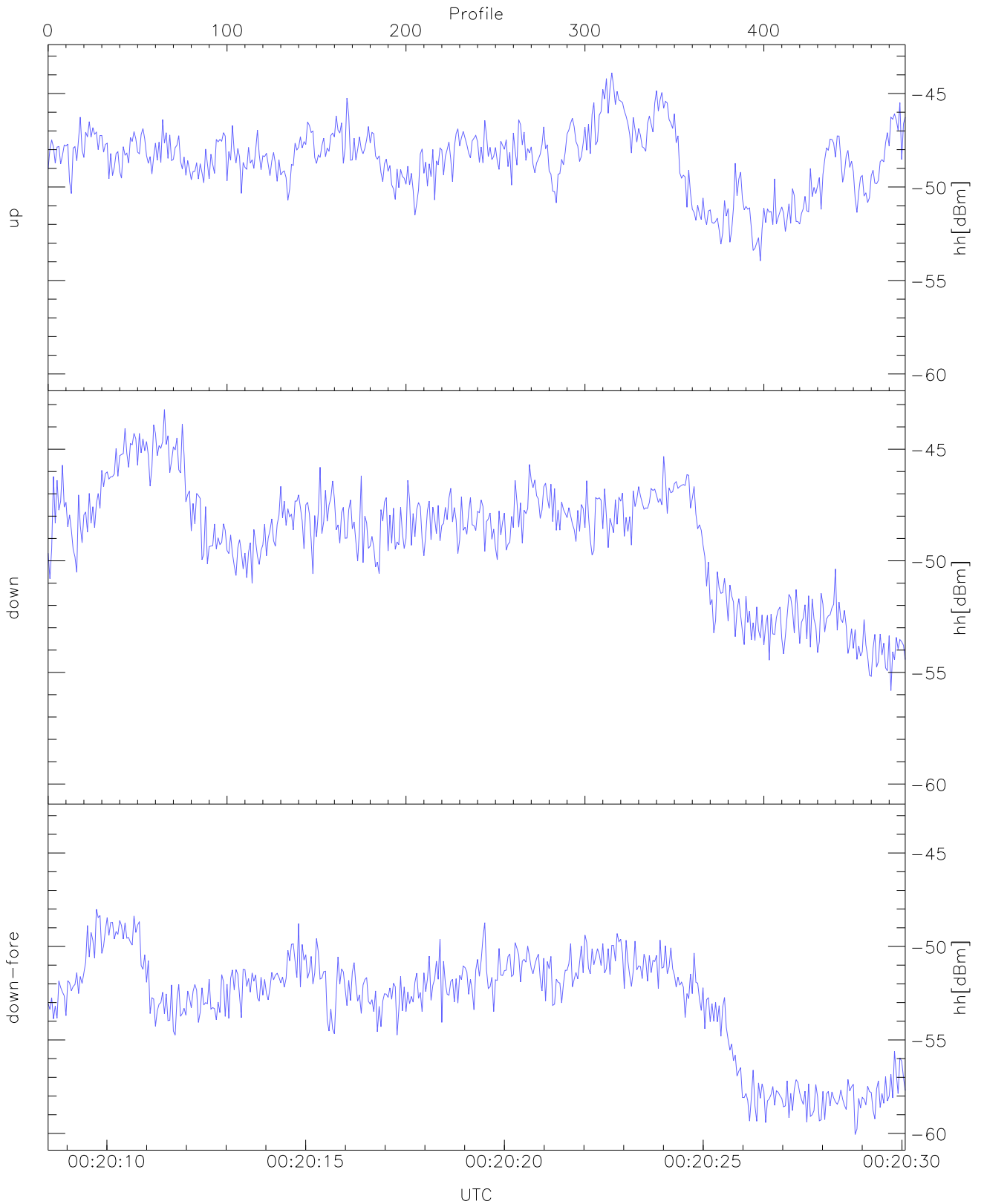
WCR3 CPP Averaged Received power for all recorded gates
blue: 002009-002019, 241 profiles averaged
red: 002019-002030, 240 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 002009-002019, 241 profiles averaged
red: 002019-002030, 240 profiles averaged

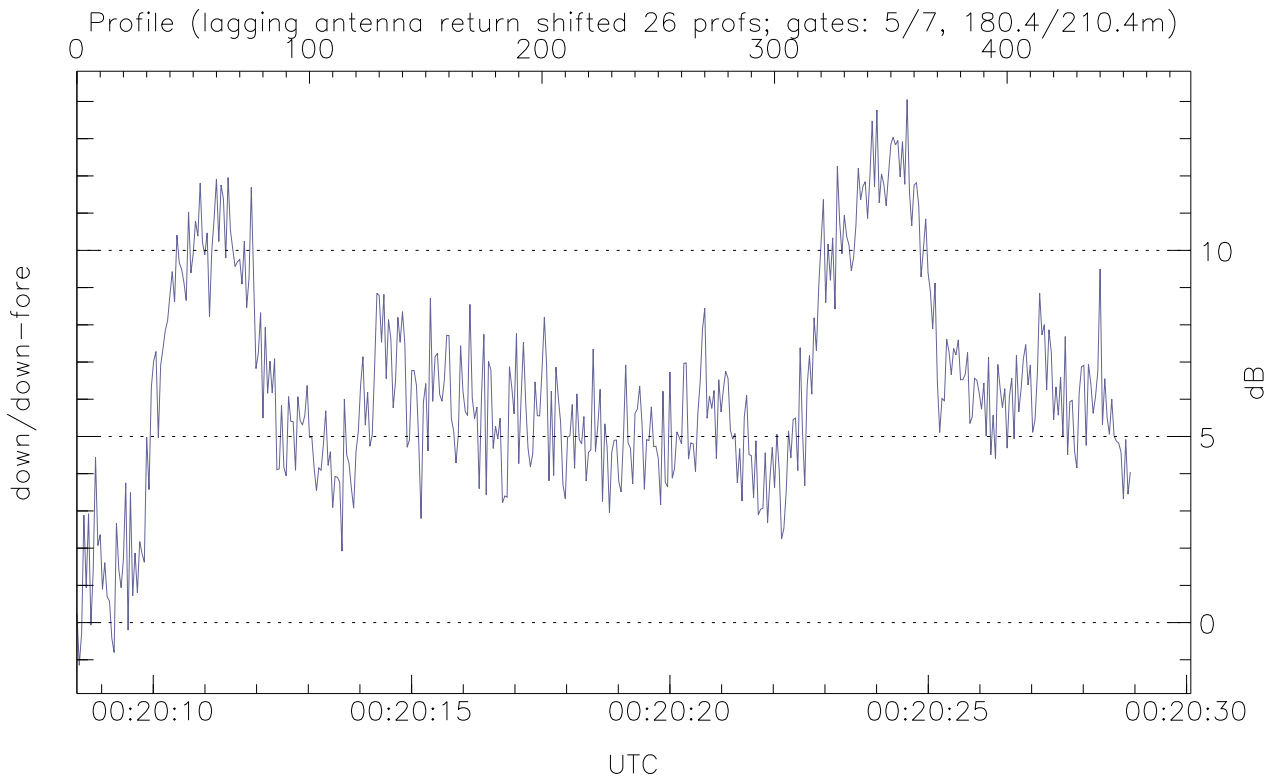
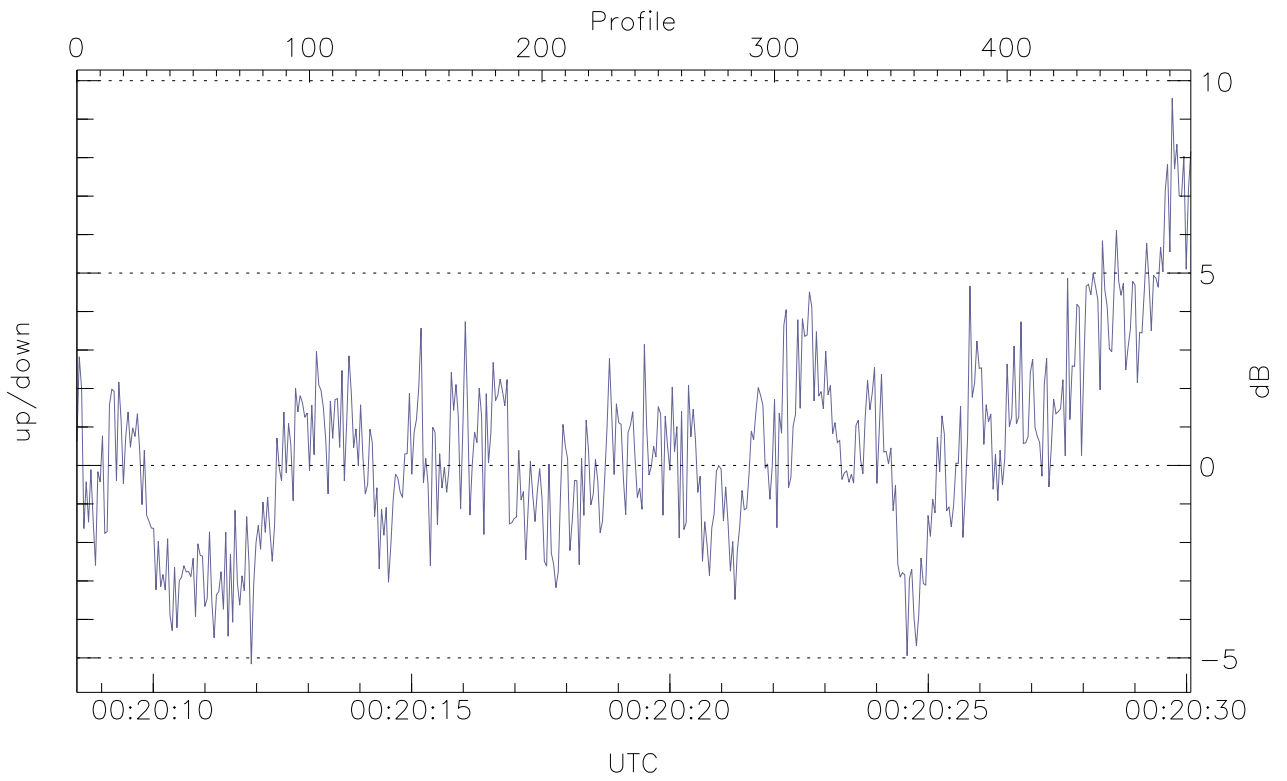


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



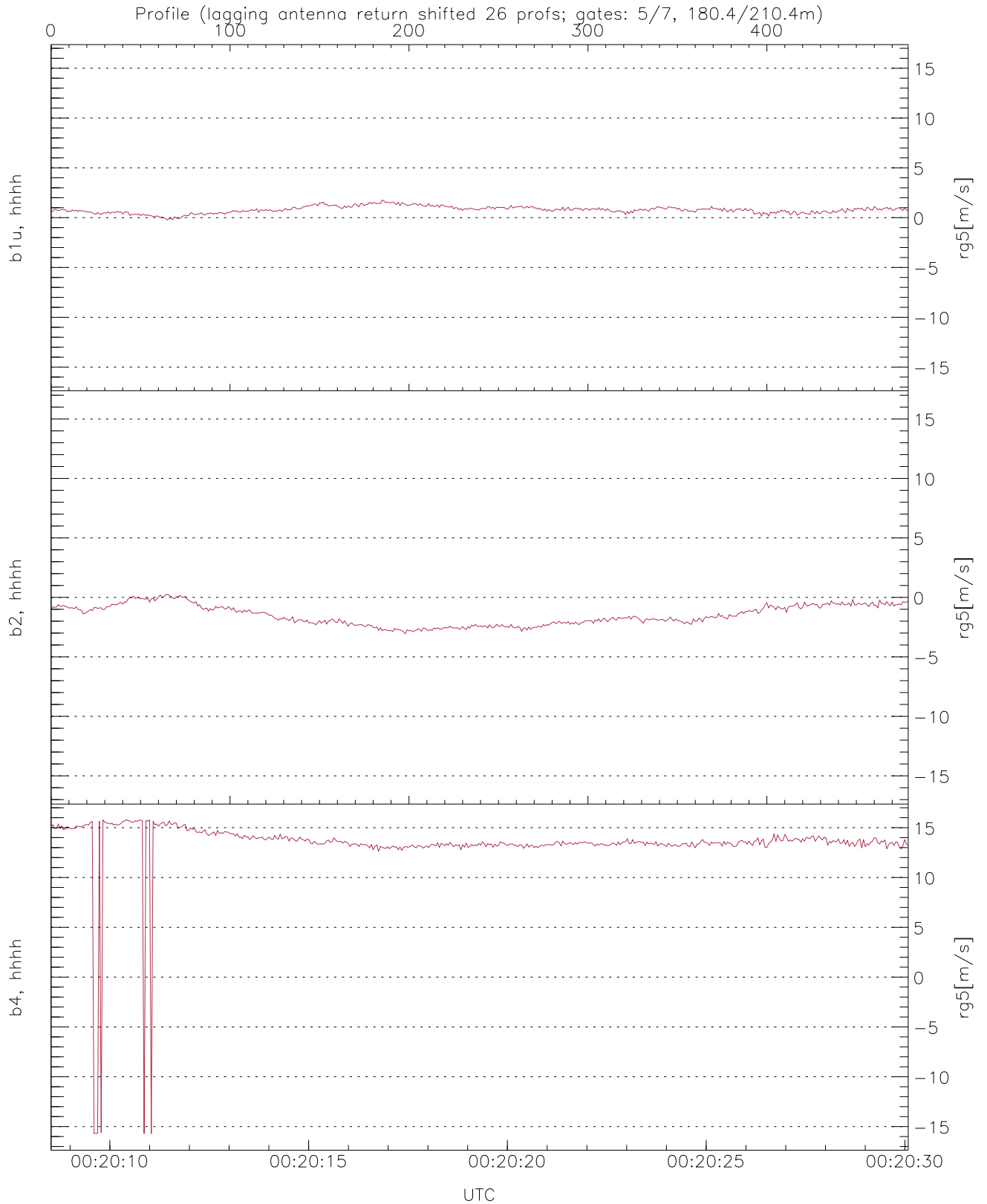
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-53.95	-43.89	-48.23
down(hh[dBm])	-55.82	-43.22	-48.30
down-fore(hh[dBm])	-60.06	-48.01	-52.25



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

	Min	Max	Mean
up/down (dB)	-5.16	9.54	0.42
down/down-fore (dB)	-1.15	14.05	6.30



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-0.23	1.76	0.79	0.34
b2, hhhh(rg5[m/s])	-3.06	0.27	-1.50	0.84
b4, hhhh(rg5[m/s])	-15.72	15.79	13.43	3.36