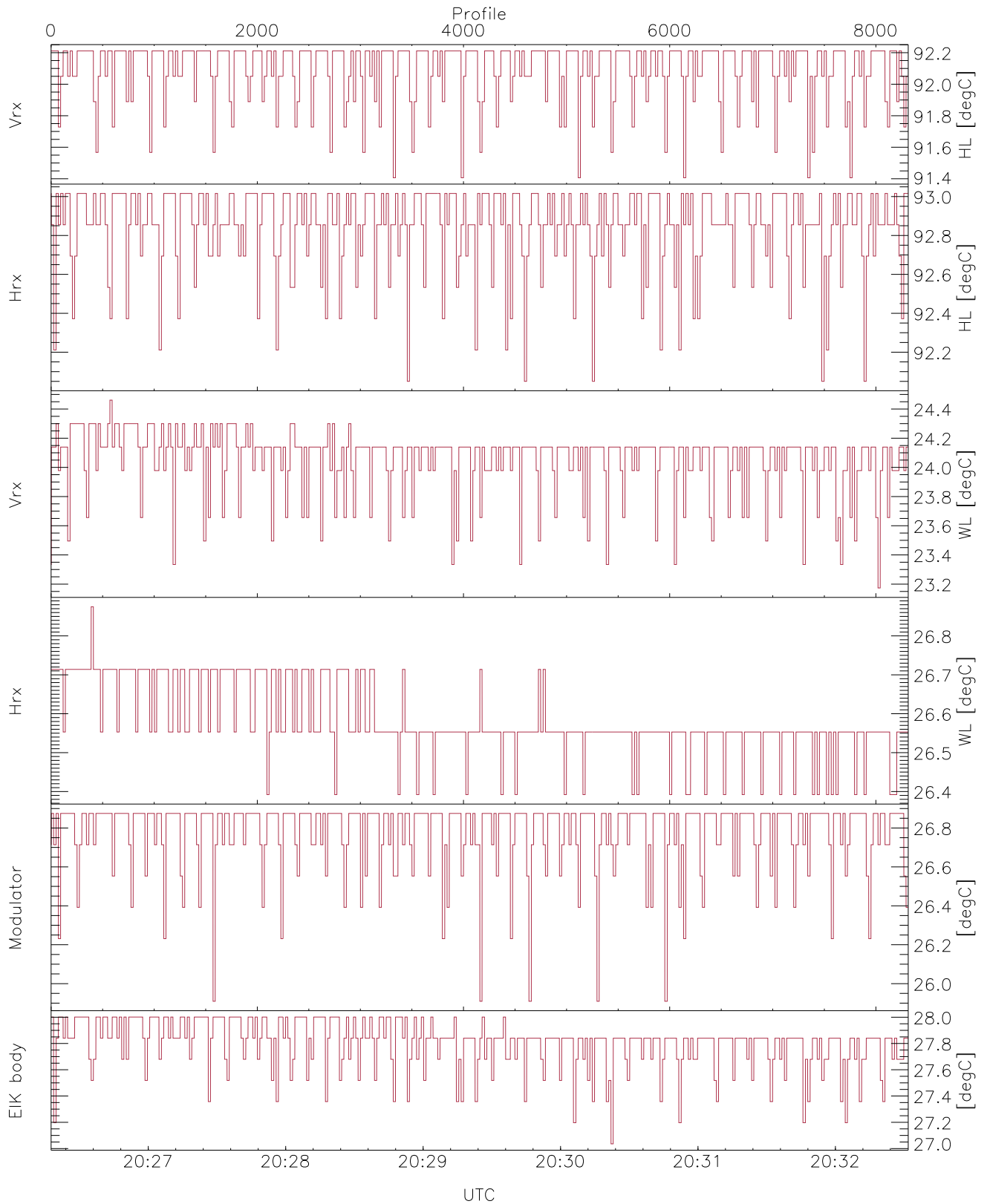


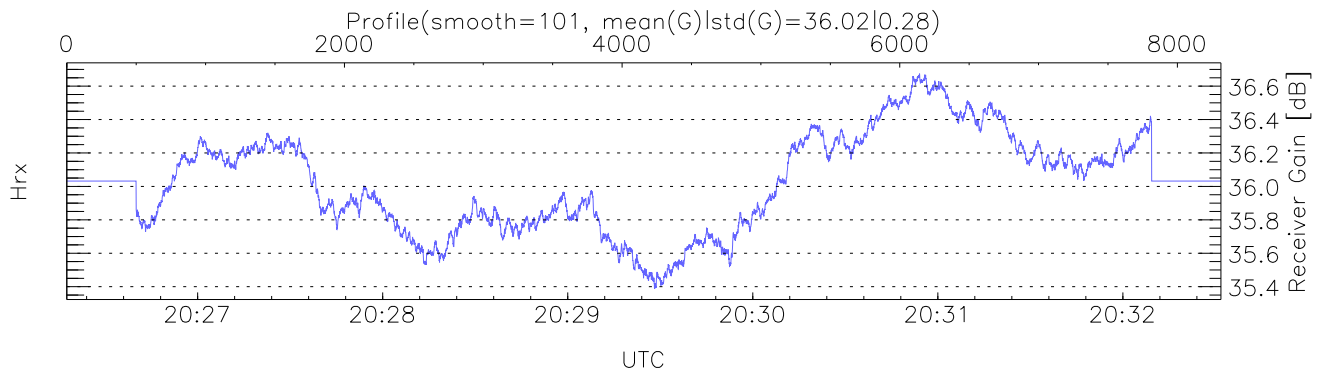
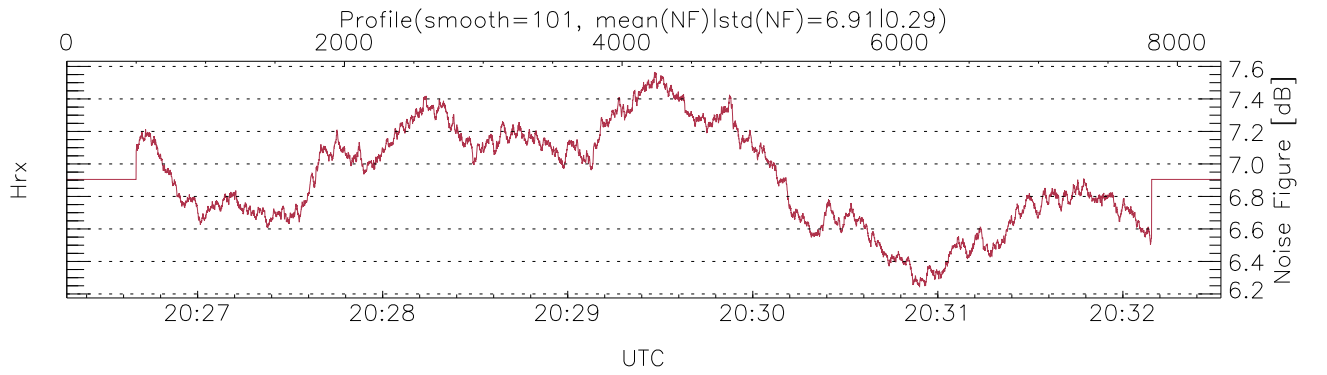
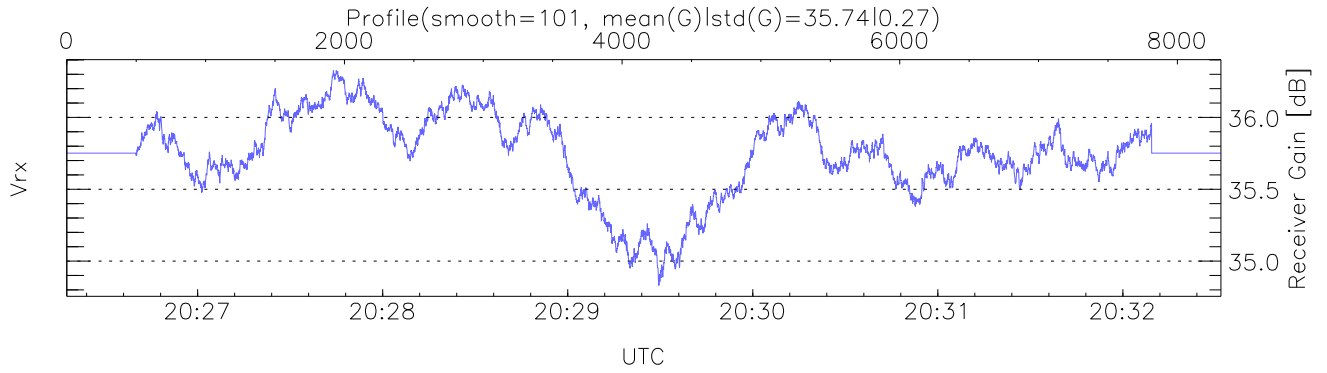
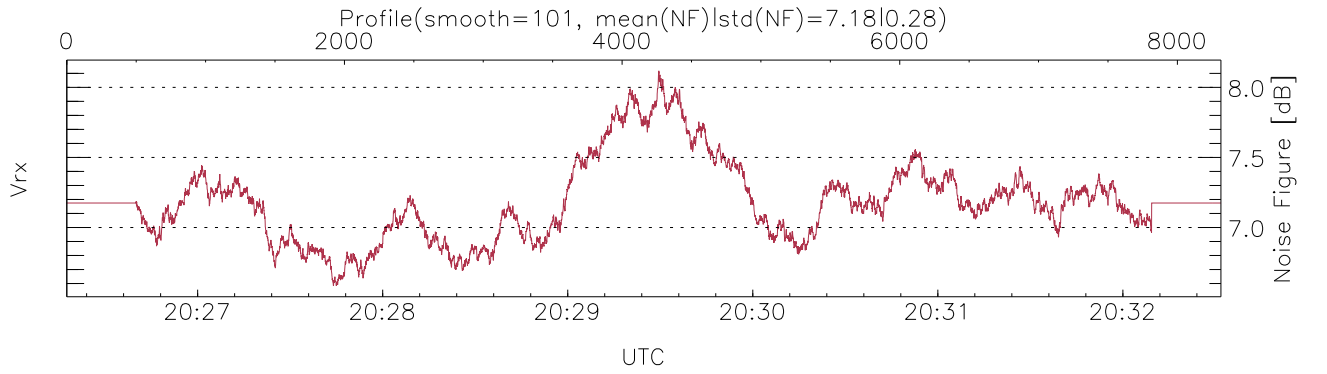
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:26:18-20:32:32, TimeCor: 0.00s, Dur: 374.22s
 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): 8315/8315, 0-8314/20:26:18-20:32:32
 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



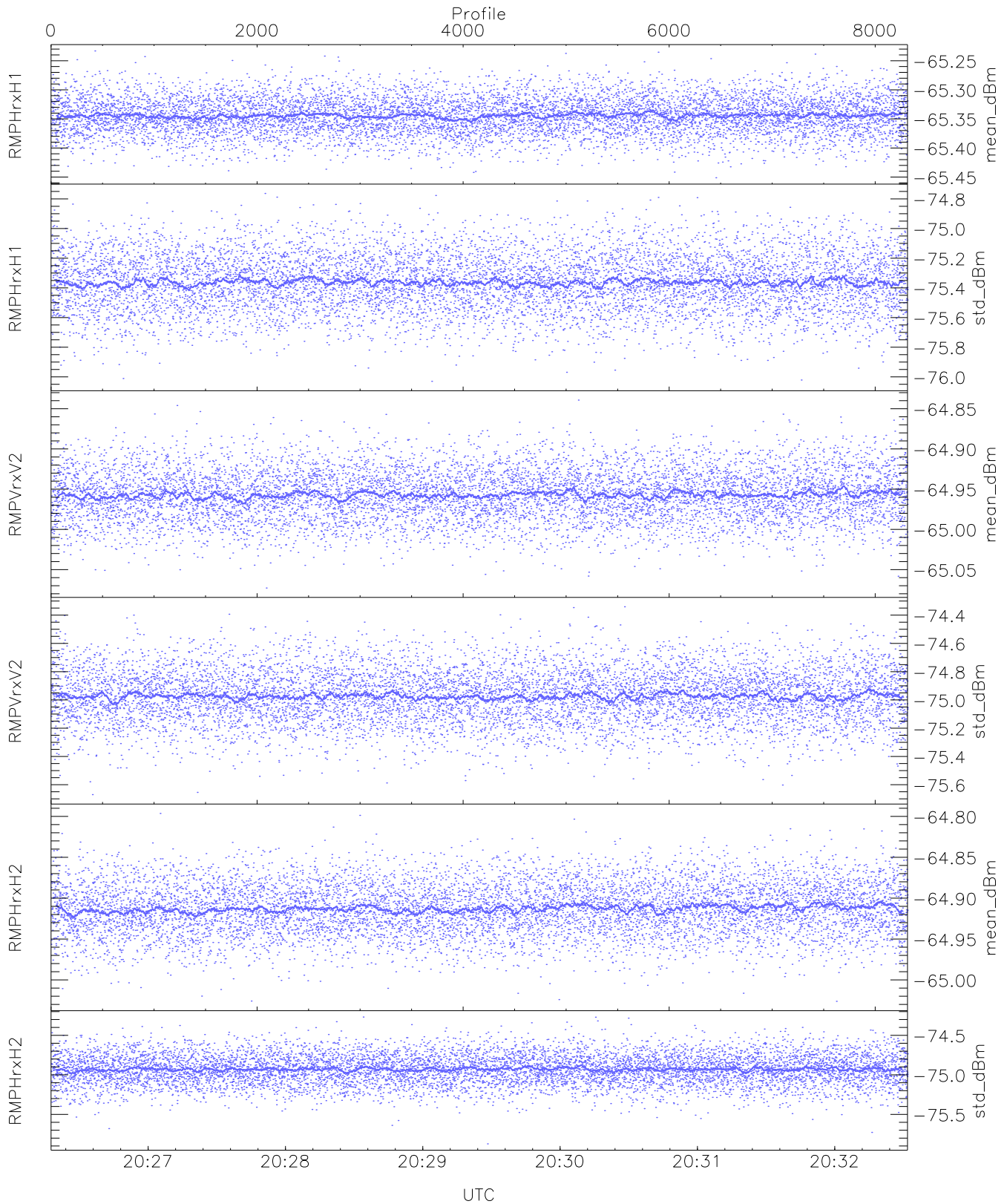
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,25,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,28
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



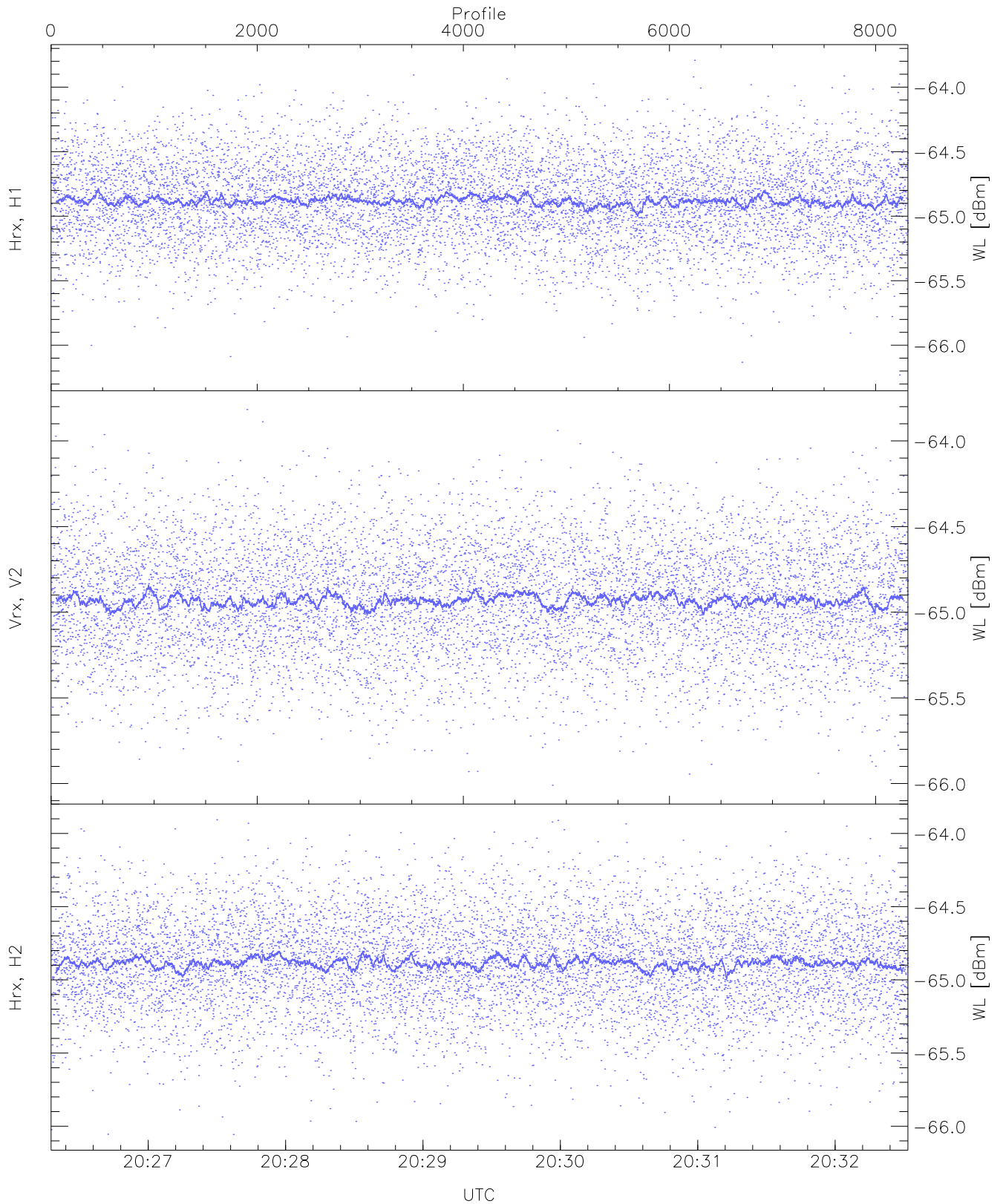
WCR3 CPP Receivers Gain and Noise Figure

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



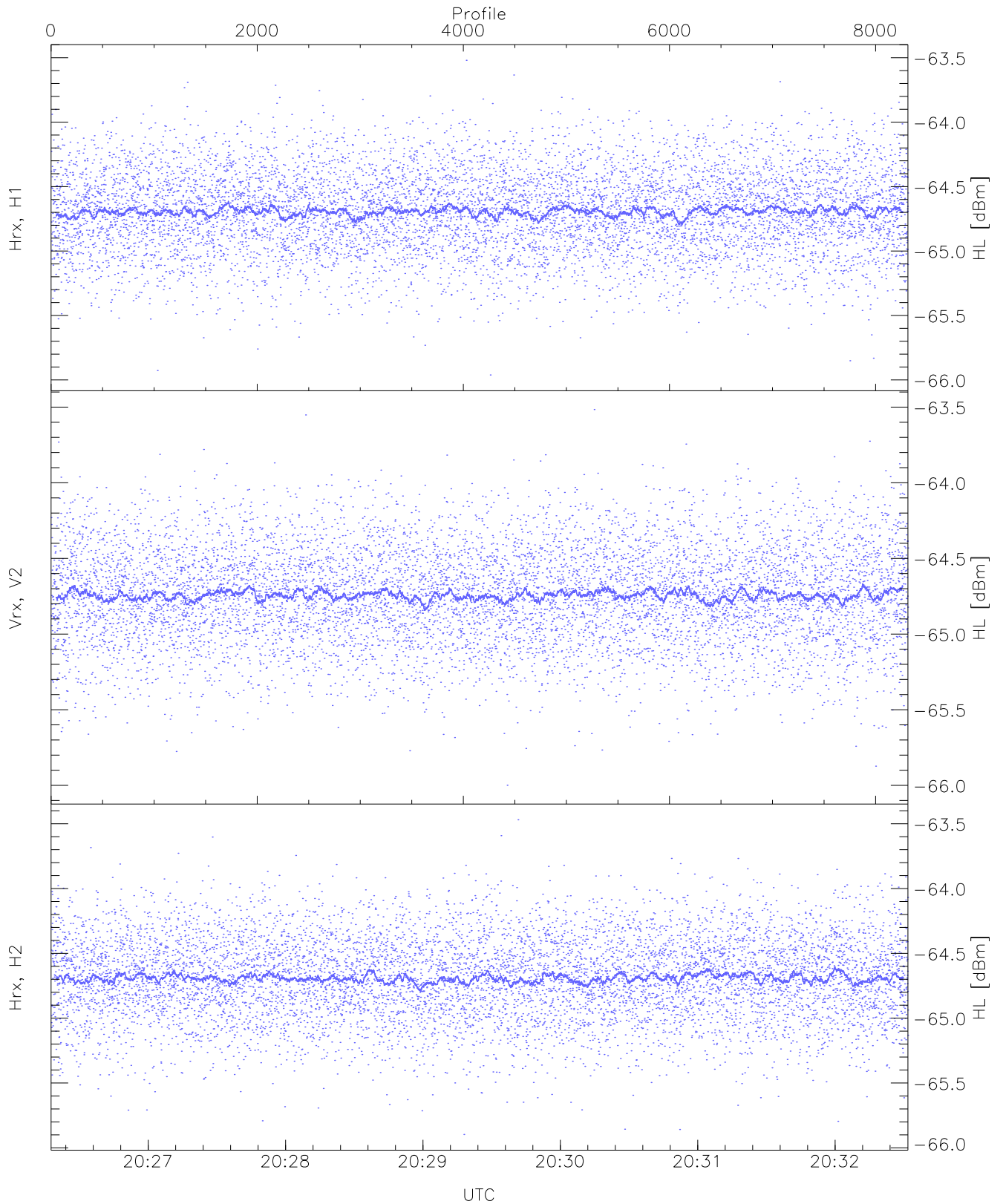
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.45	-65.23	-65.34	-65.34	-86.94
RMPHrxH1 (std_dBm)	-76.03	-74.76	-75.36	-75.36	-89.12
RMPVrxV2 (mean_dBm)	-65.07	-64.84	-64.96	-64.96	-86.52
RMPVrxV2 (std_dBm)	-75.67	-74.34	-74.97	-74.97	-88.80
RMPHrxH2 (mean_dBm)	-65.03	-64.80	-64.91	-64.91	-86.50
RMPHrxH2 (std_dBm)	-75.87	-74.27	-74.93	-74.93	-88.67



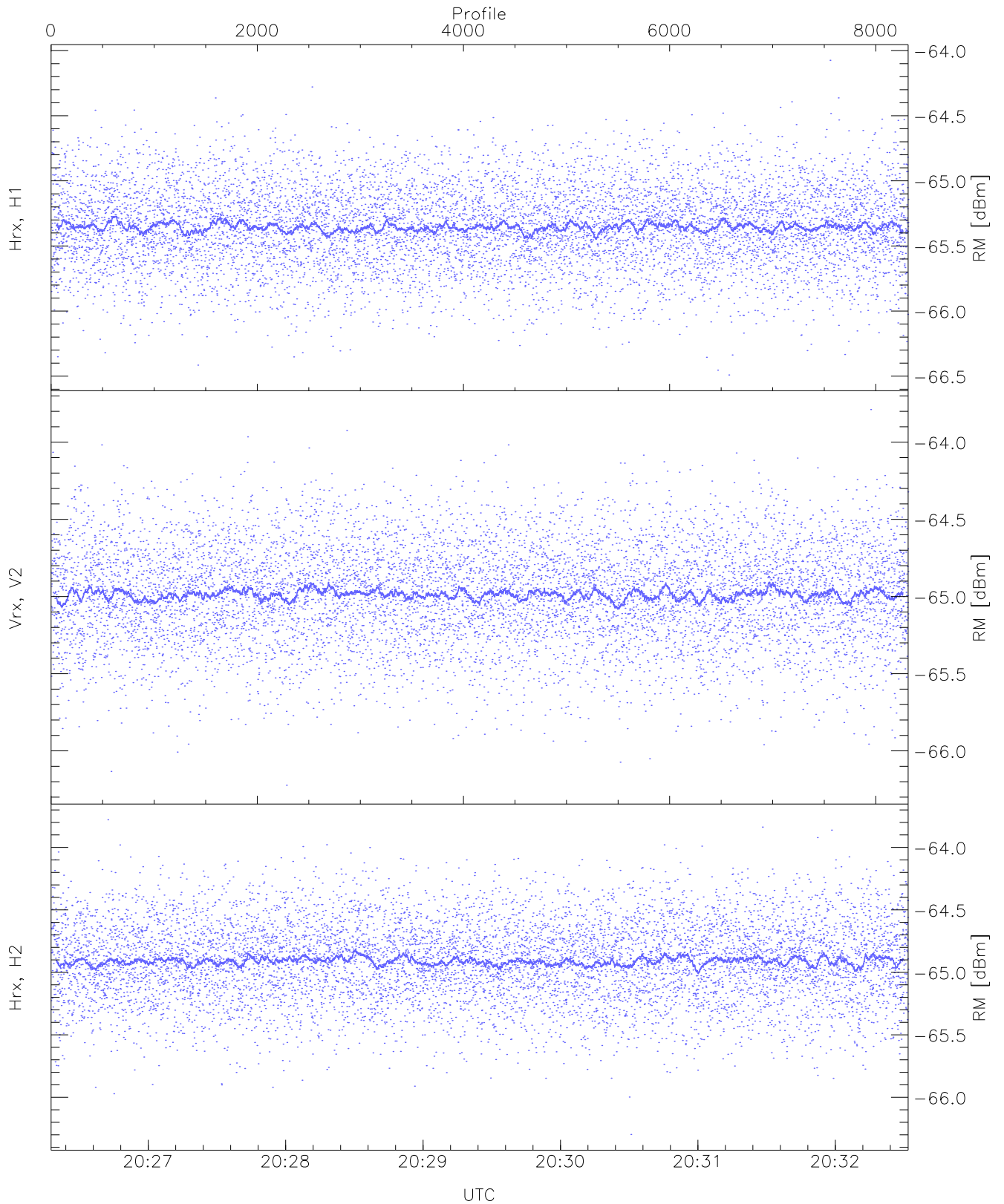
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.23	-63.79	-64.87	-64.88	-76.39
Vrx, V2 (WL [dBm])	-66.01	-63.82	-64.92	-64.93	-76.47
Hrx, H2 (WL [dBm])	-66.06	-63.91	-64.88	-64.88	-76.42



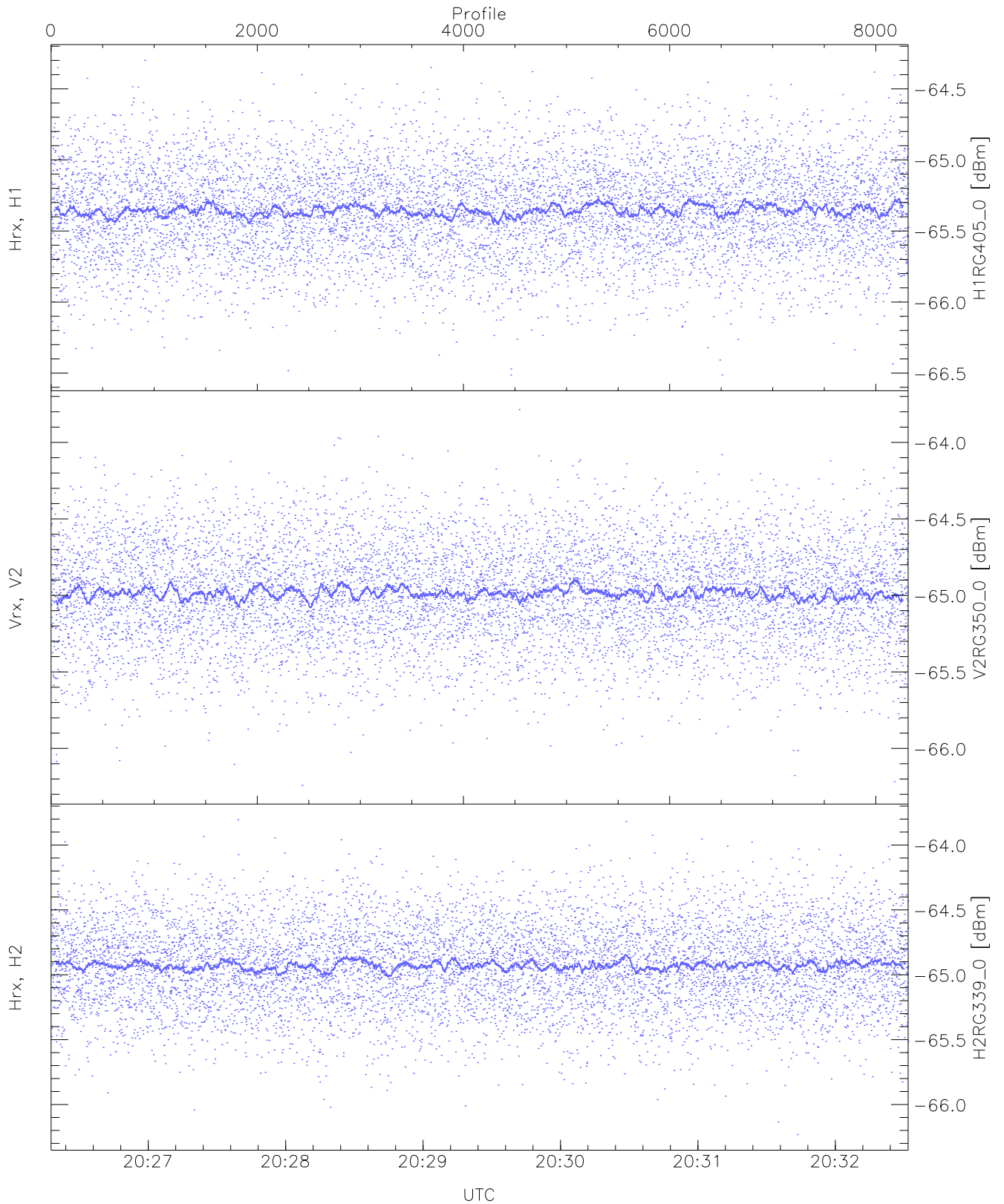
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.96	-63.52	-64.69	-64.69	-76.18
Vrx, V2 (HL [dBm])	-66.00	-63.52	-64.73	-64.74	-76.23
Hrx, H2 (HL [dBm])	-65.90	-63.47	-64.68	-64.69	-76.22



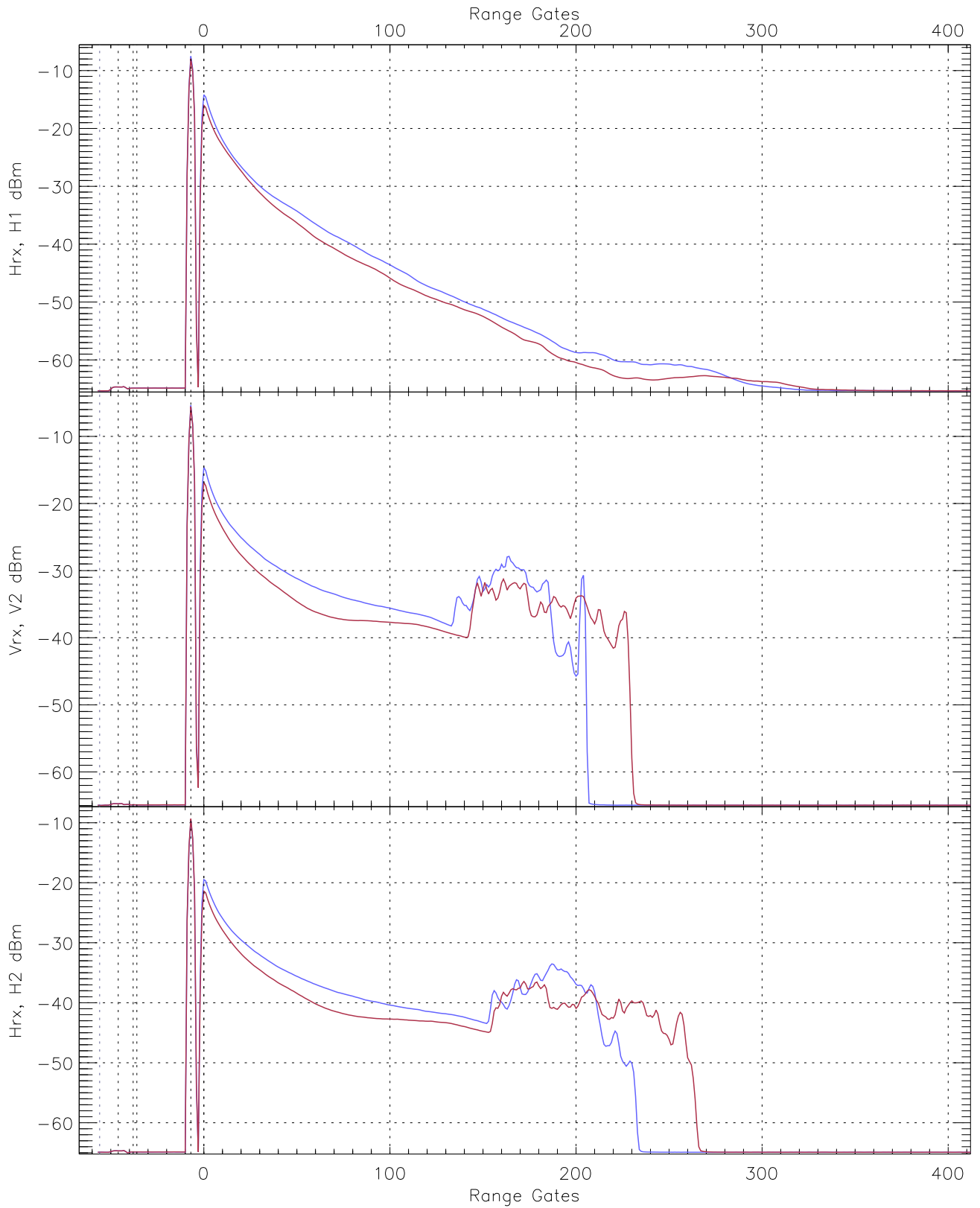
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.49	-64.07	-65.35	-65.35	-76.92
Vrx, V2 (RM [dBm])	-66.22	-63.79	-64.98	-64.98	-76.51
Hrx, H2 (RM [dBm])	-66.30	-63.78	-64.90	-64.90	-76.40

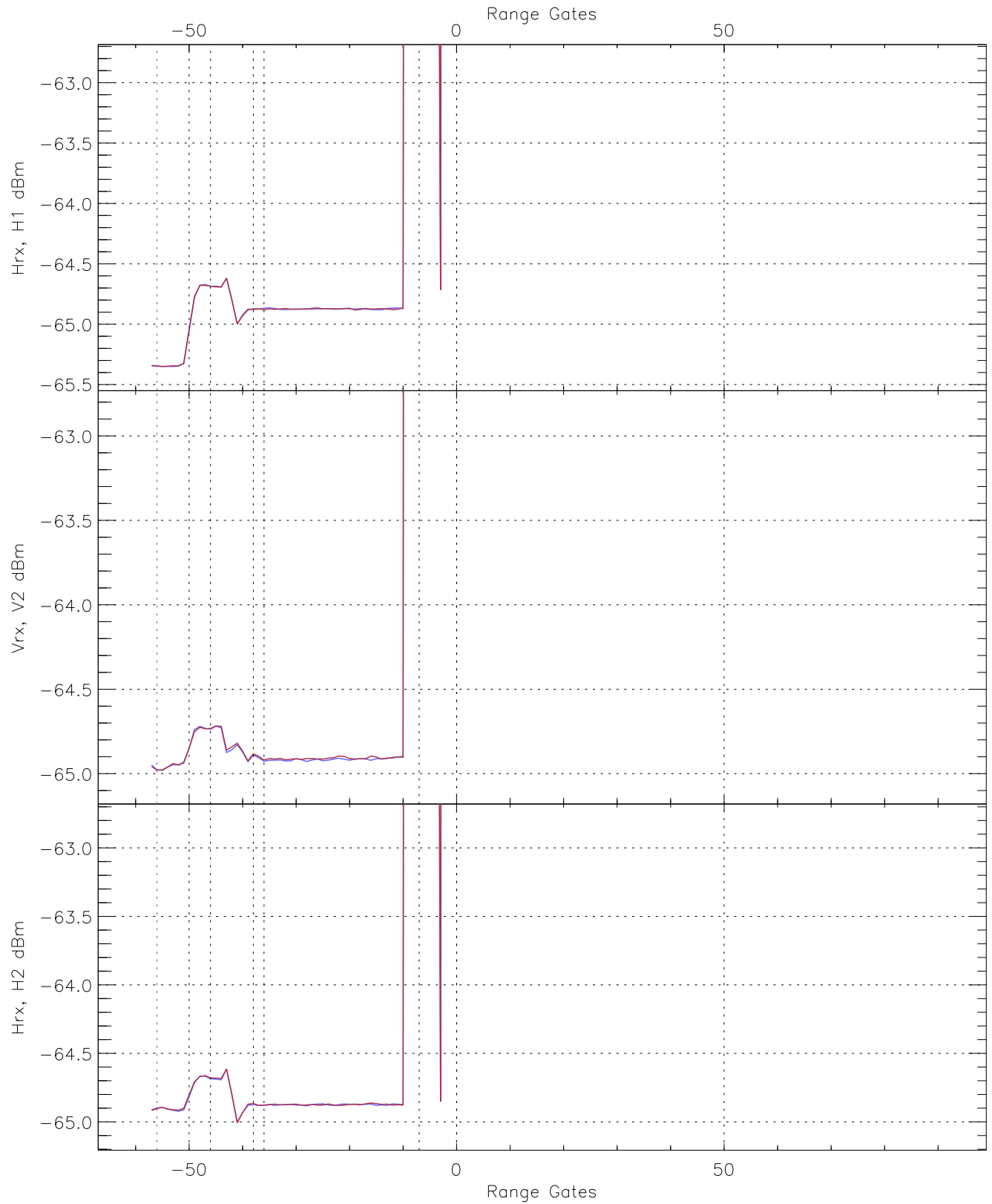


WCR3 CPP "Best" estimate Receivers Noise Power

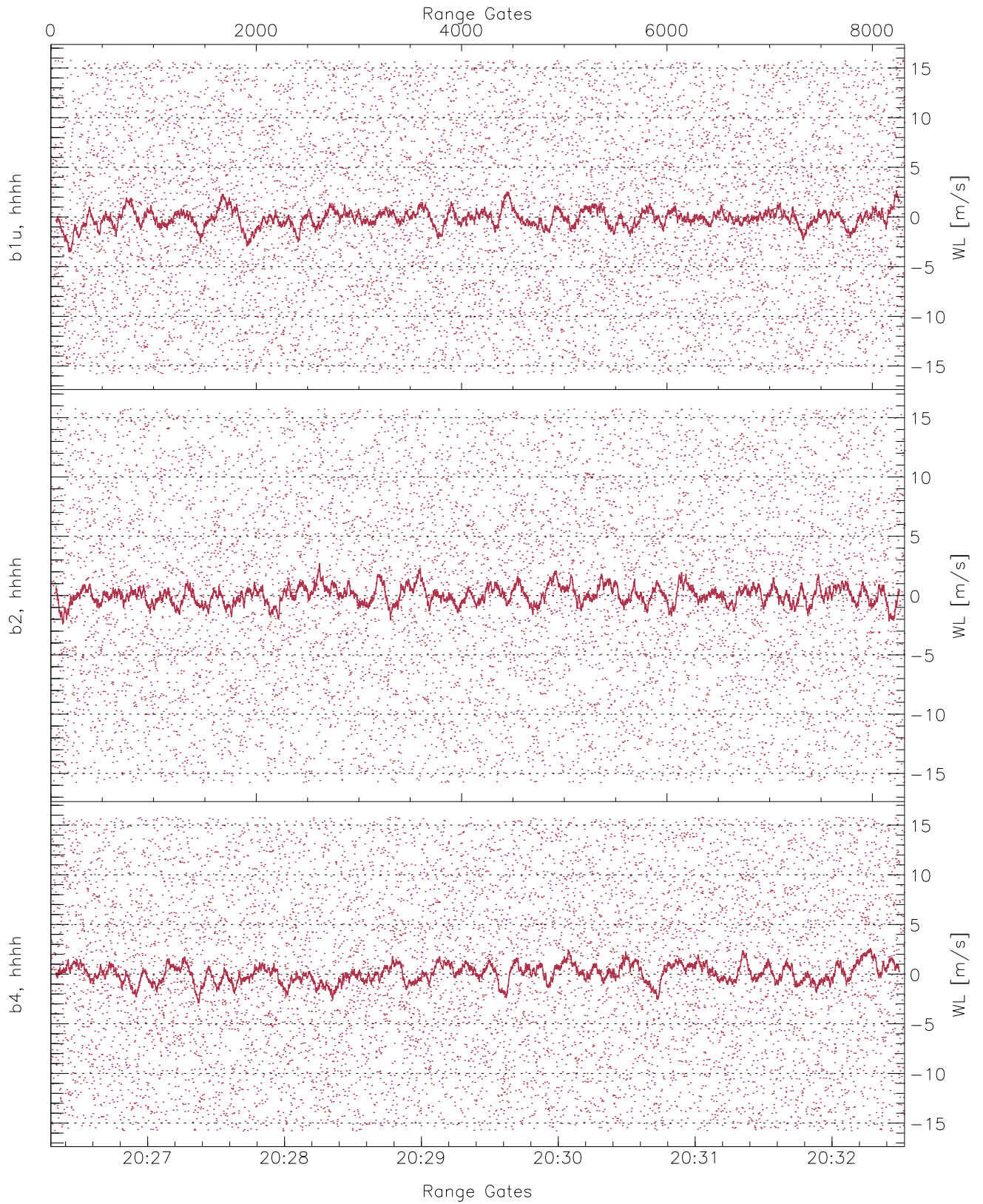
	Min	Max	Mean	Median	StDev
H1RG405_0 [dBm]	-66.51	-64.30	-65.35	-65.35	-76.83
V2RG350_0 [dBm]	-66.24	-63.79	-64.98	-64.98	-76.49
H2RG339_0 [dBm]	-66.23	-63.81	-64.92	-64.93	-76.40



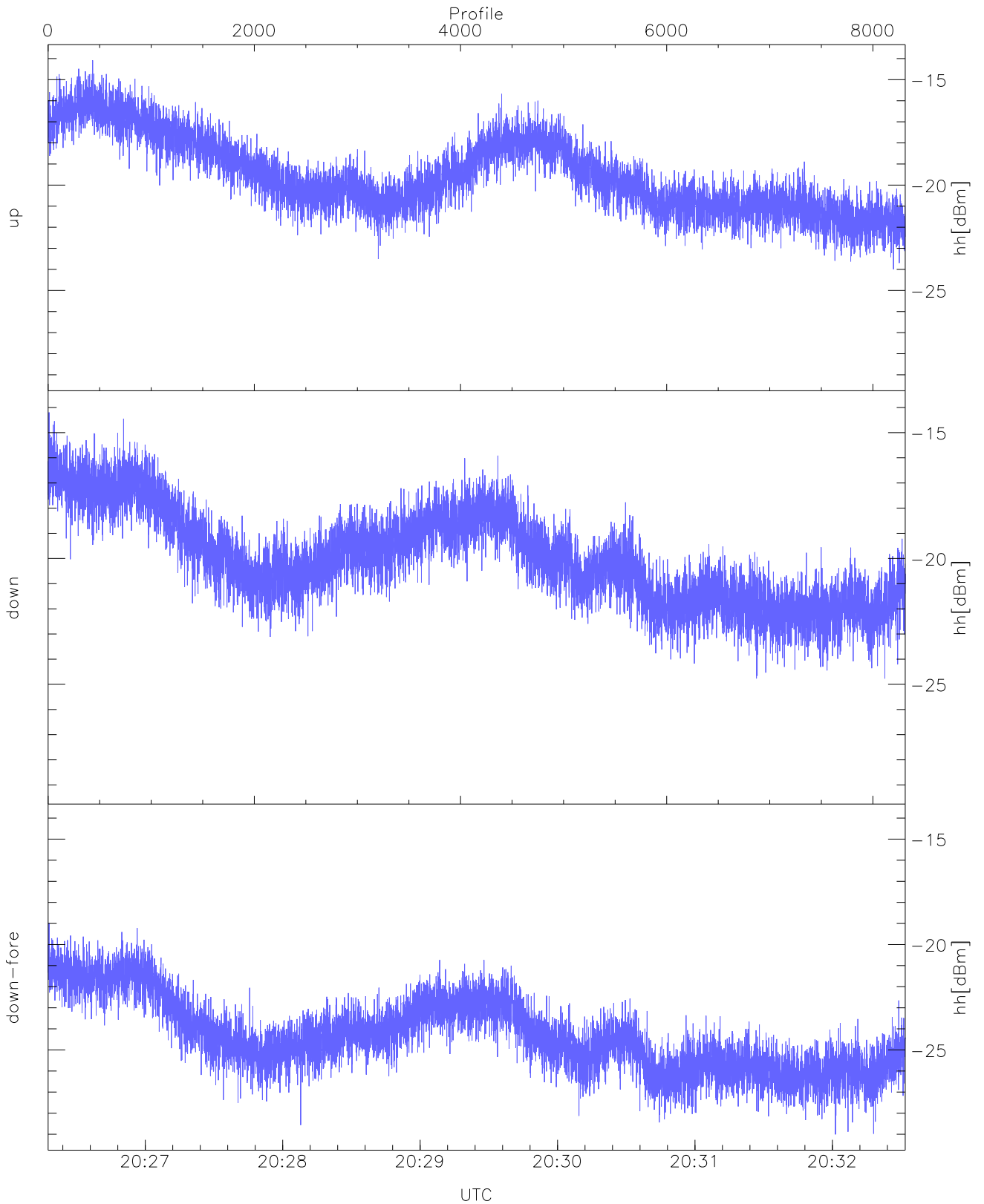
WCR3 CPP Averaged Received power for all recorded gates
blue: 202618-202925, 4158 profiles averaged
red: 202925-203232, 4158 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 202618-202925, 4158 profiles averaged
red: 202925-203232, 4158 profiles averaged

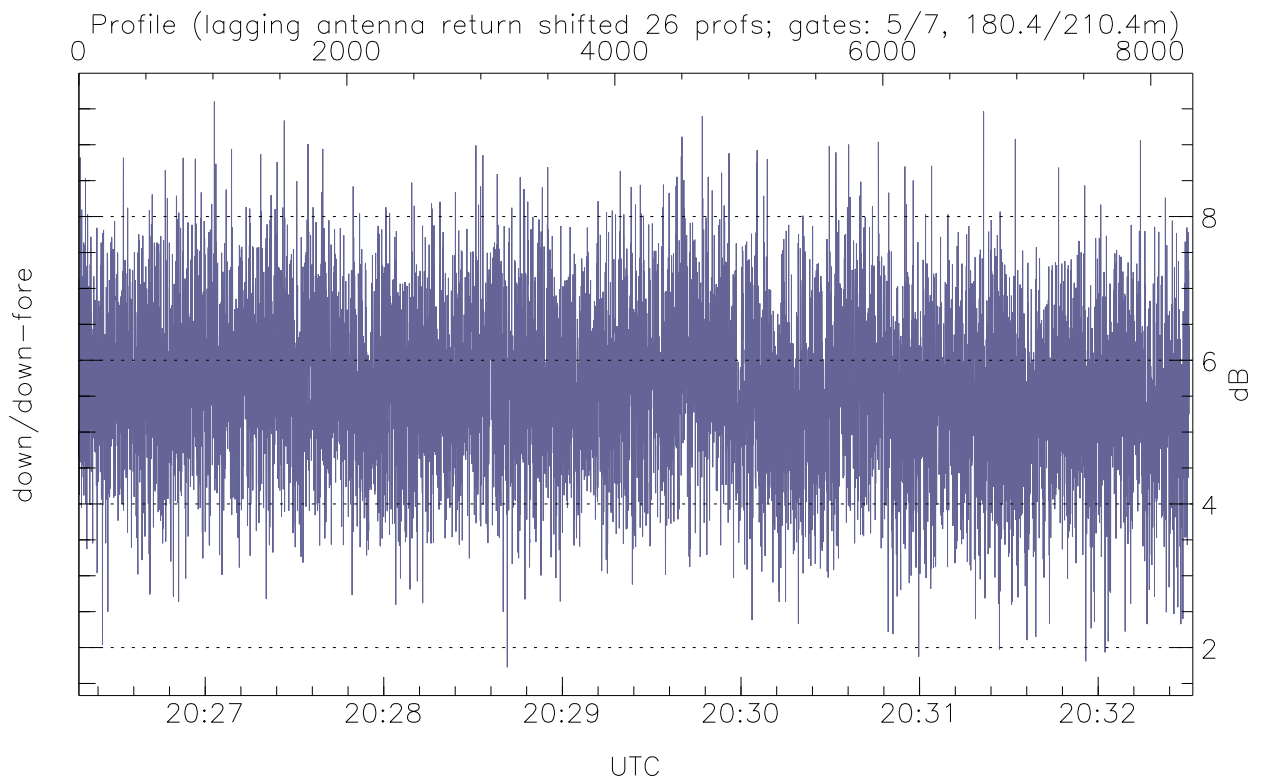
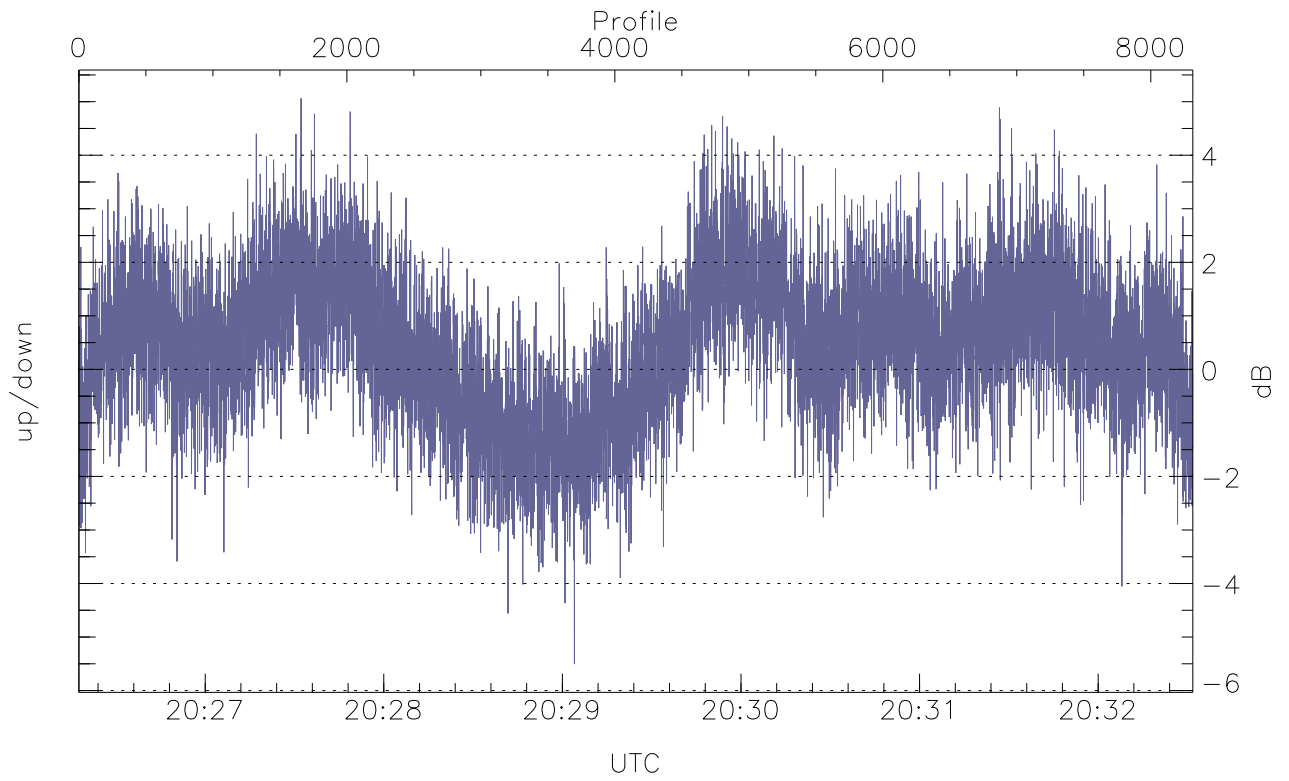


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



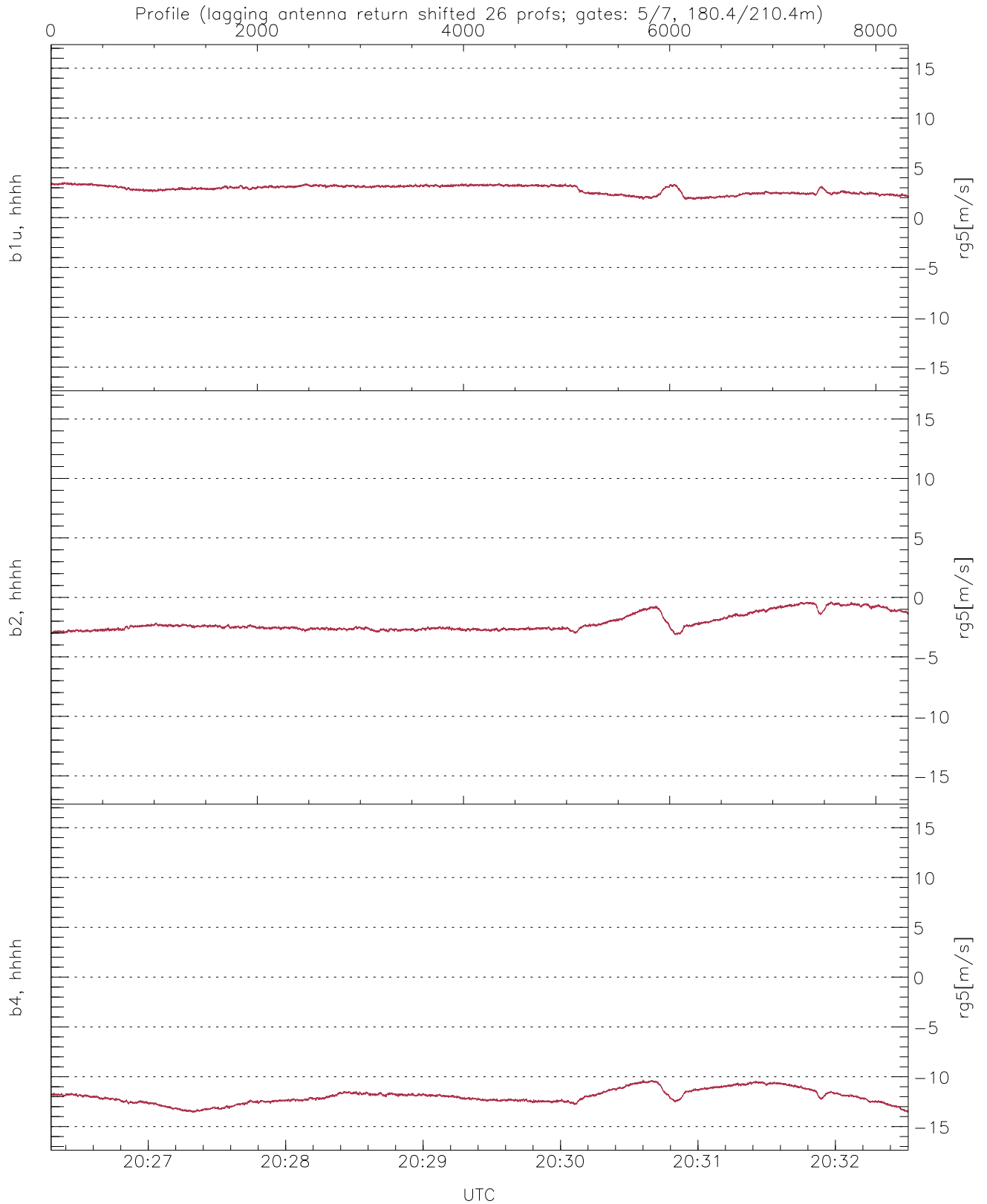
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-23.99	-14.08	-19.18
down(hh[dBm])	-24.77	-14.19	-19.59
down-fore(hh[dBm])	-29.01	-18.98	-23.97



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

	Min	Max	Mean
up/down (dB)	-5.51	5.06	0.44
down/down-fore (dB)	1.73	9.60	5.61



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.80	3.56	2.83	0.43
b2, hhhh(rg5[m/s])	-3.15	-0.36	-2.14	0.75
b4, hhhh(rg5[m/s])	-13.59	-10.31	-11.99	0.72