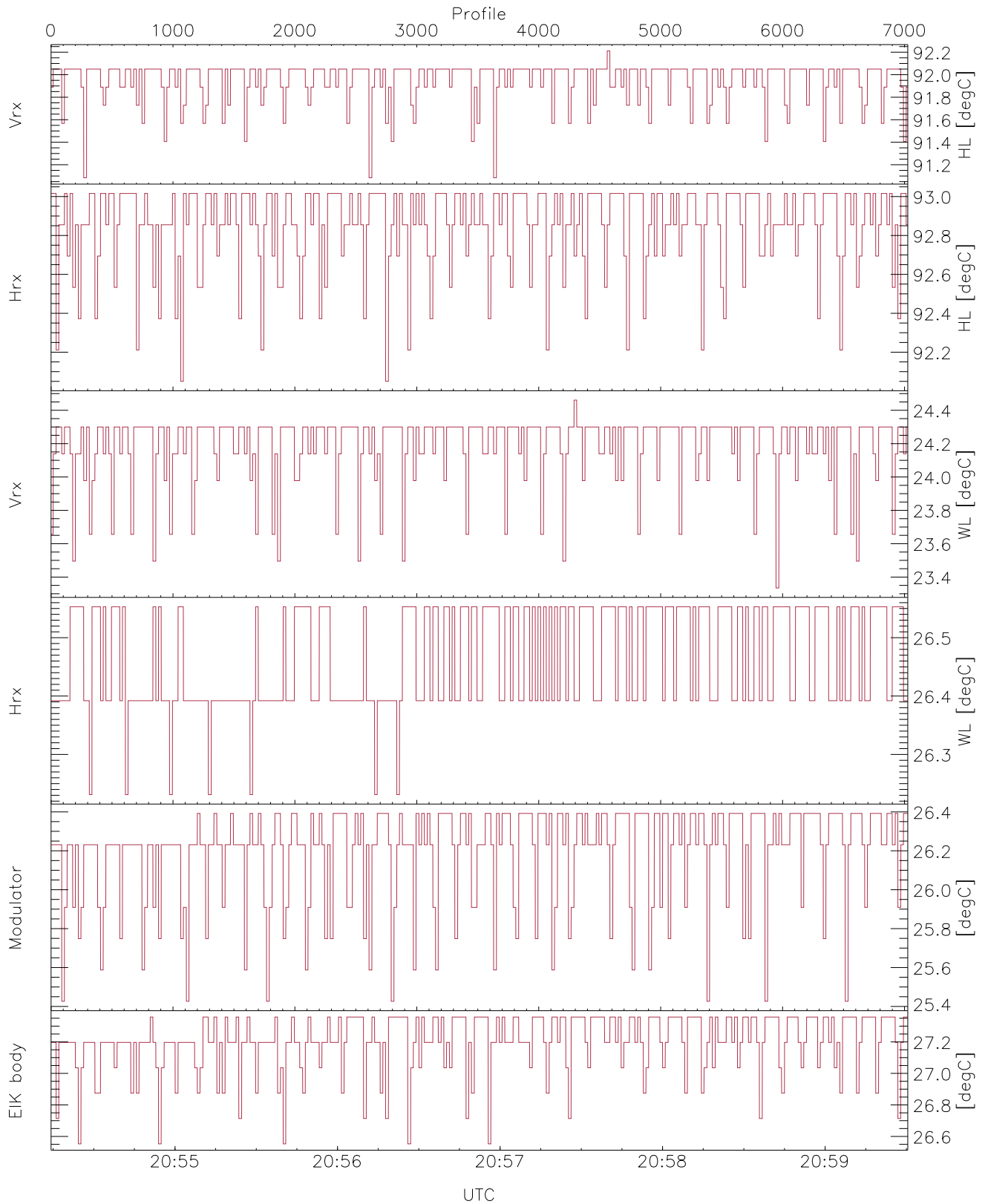


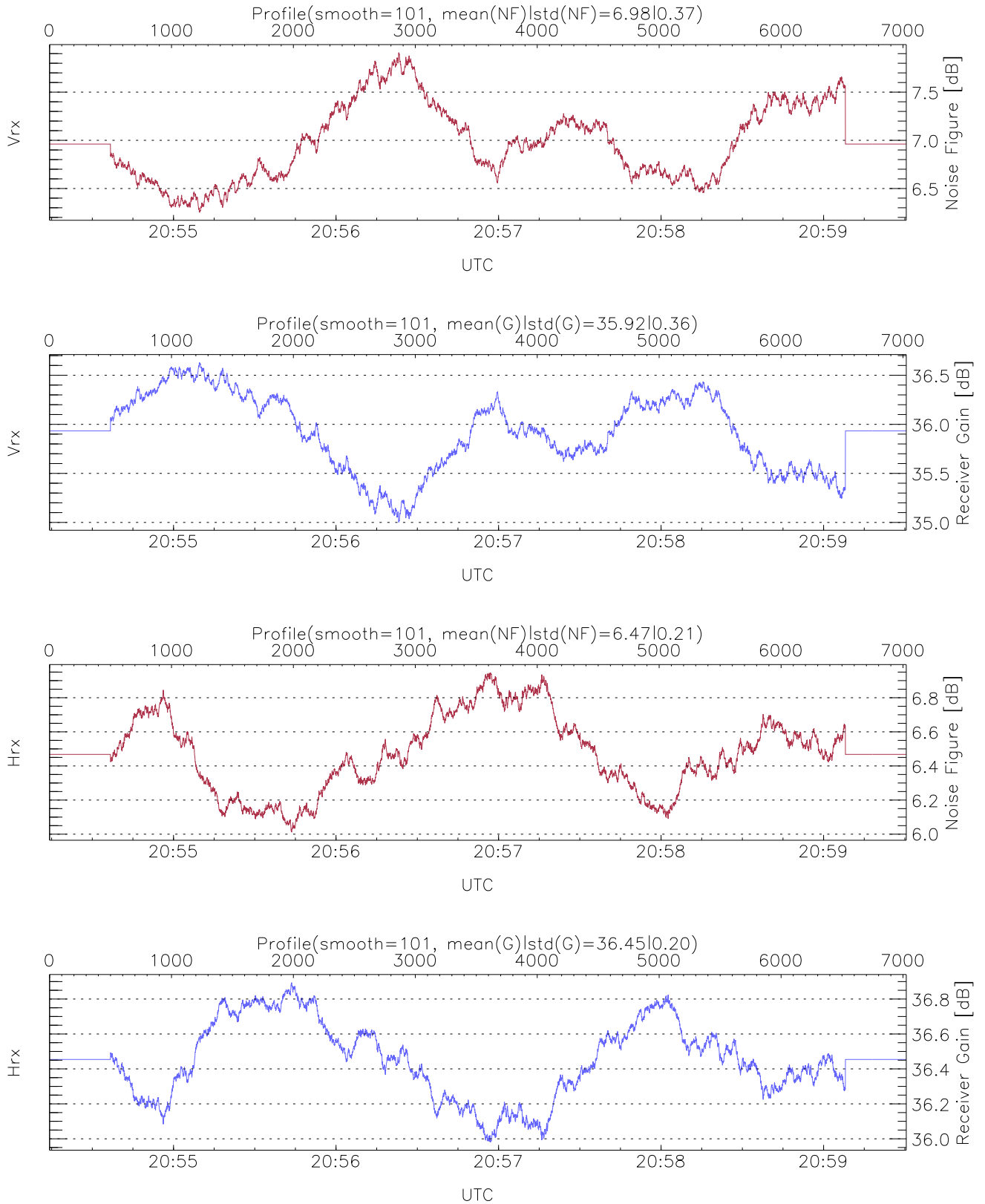
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:54:14-20:59:31, TimeCor: 0.00s, Dur: 316.29s
 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): 7028/7028, 0-7027/20:54:14-20:59:31
 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



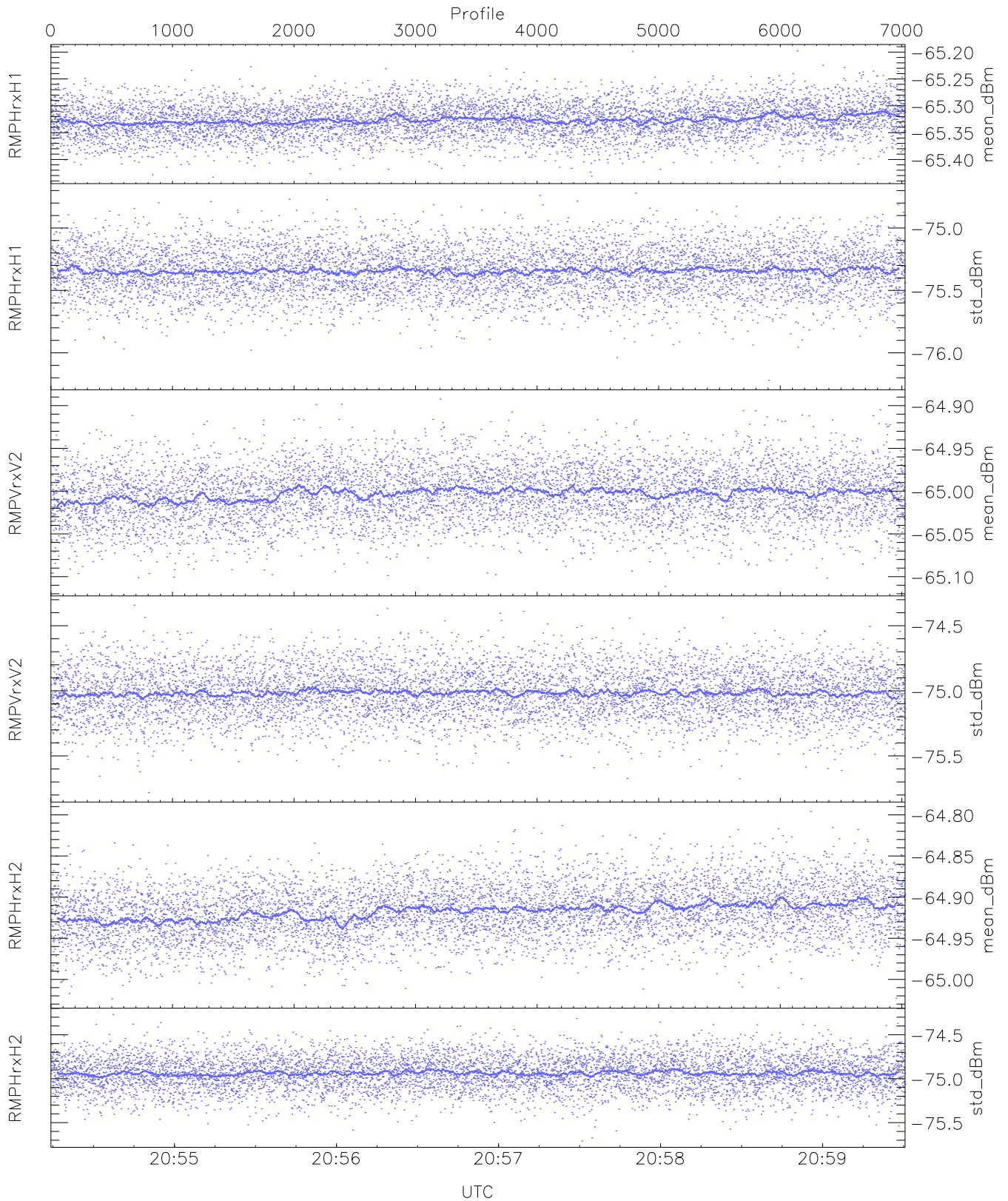
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



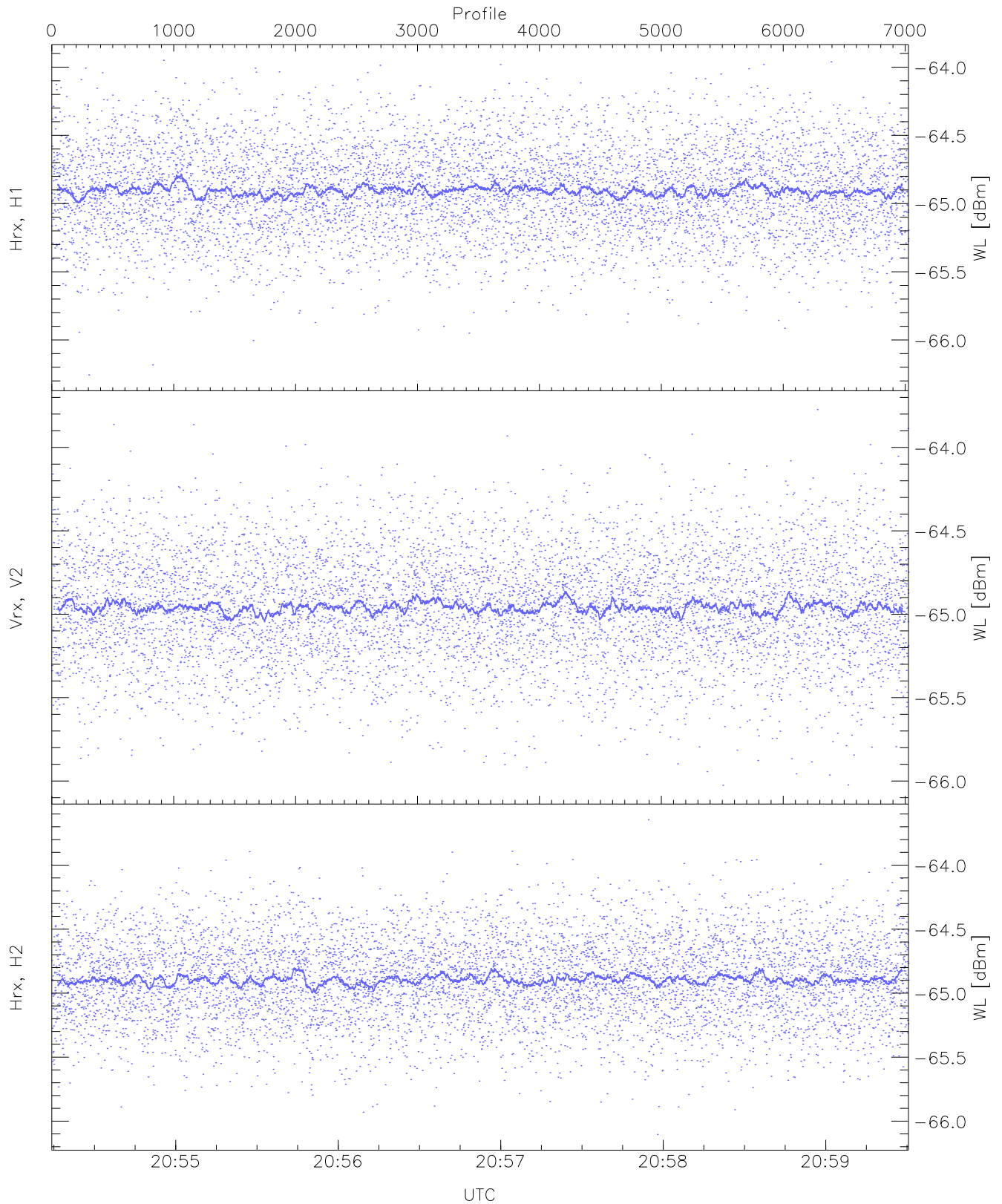
WCR3 CPP Receivers Gain and Noise Figure

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



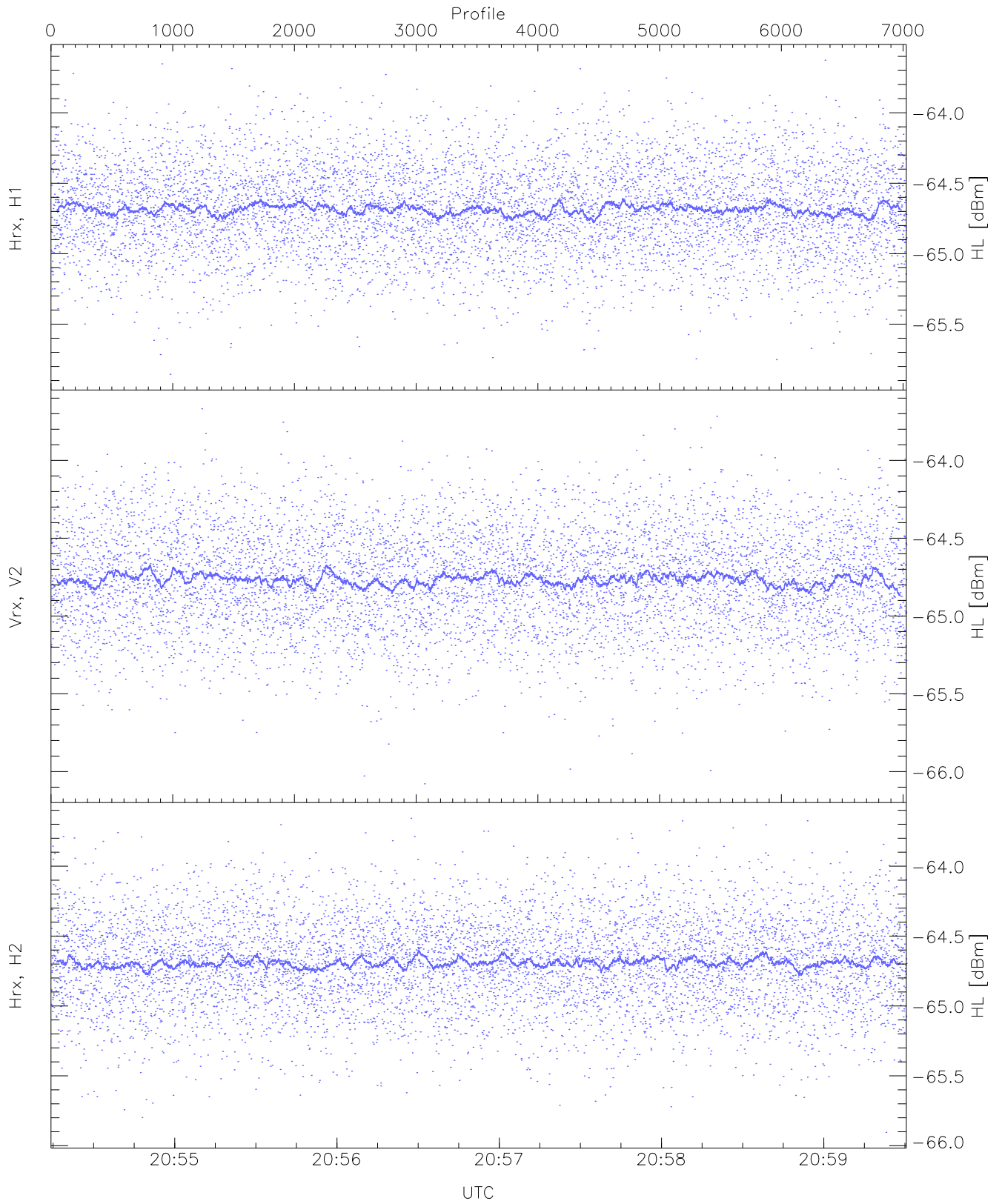
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.20	-65.33	-65.33	-86.90
RMPHrxH1(std_dBm)	-76.22	-74.72	-75.34	-75.34	-89.16
RMPVrxV2(mean_dBm)	-65.11	-64.89	-65.00	-65.00	-86.53
RMPVrxV2(std_dBm)	-75.78	-74.34	-75.01	-75.02	-88.79
RMPHrxH2(mean_dBm)	-65.02	-64.80	-64.92	-64.92	-86.44
RMPHrxH2(std_dBm)	-75.71	-74.27	-74.94	-74.94	-88.70



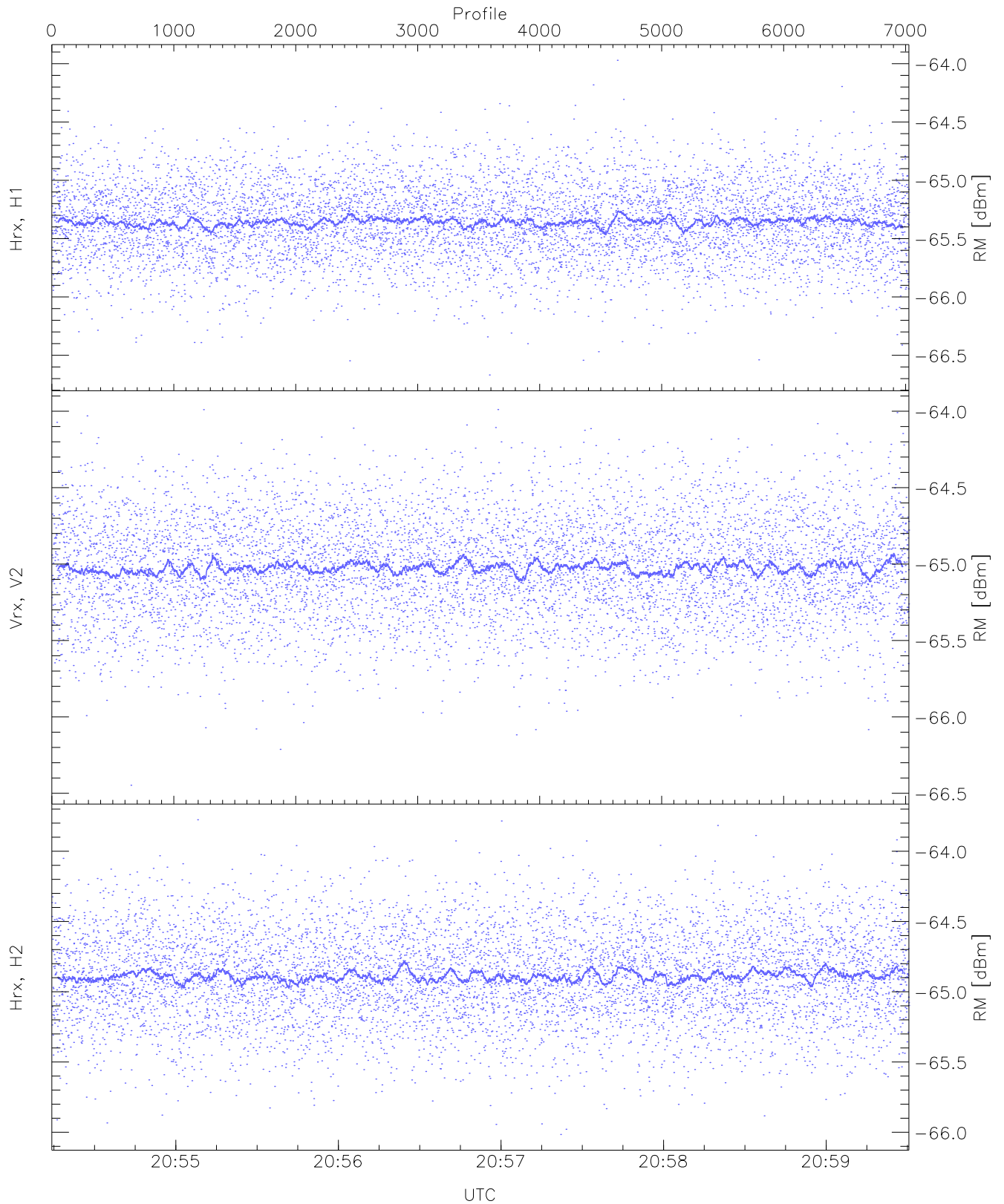
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.26	-63.95	-64.90	-64.91	-76.38
Vrx, V2 (WL [dBm])	-66.03	-63.77	-64.95	-64.96	-76.44
Hrx, H2 (WL [dBm])	-66.10	-63.65	-64.89	-64.90	-76.39



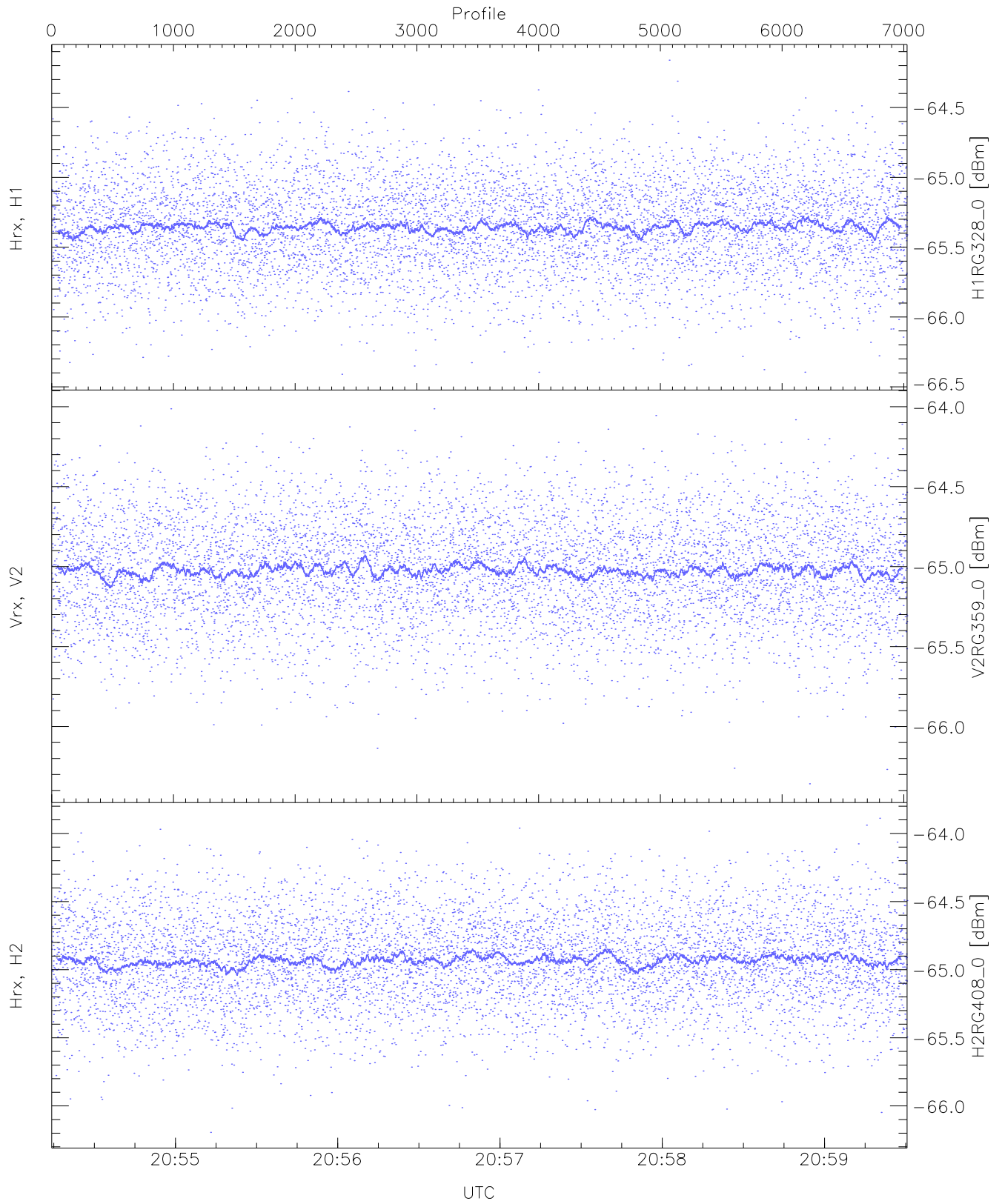
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.86	-63.63	-64.68	-64.69	-76.22
Vrx, V2 (HL [dBm])	-66.08	-63.67	-64.76	-64.77	-76.29
Hrx, H2 (HL [dBm])	-65.90	-63.66	-64.68	-64.69	-76.20



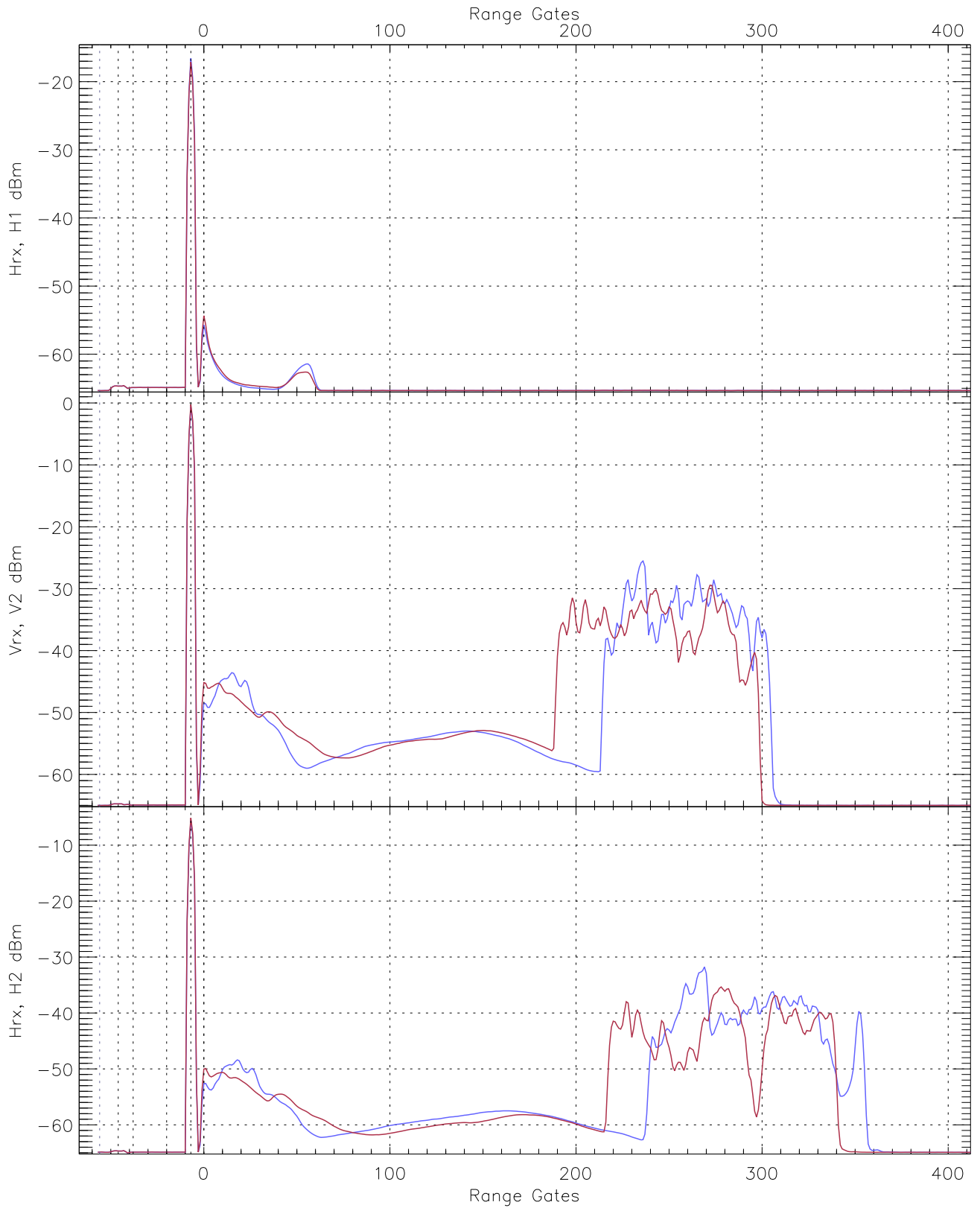
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.67	-63.97	-65.35	-65.36	-76.82
Vrx, V2 (RM [dBm])	-66.45	-63.99	-65.02	-65.02	-76.44
Hrx, H2 (RM [dBm])	-66.02	-63.78	-64.88	-64.89	-76.36

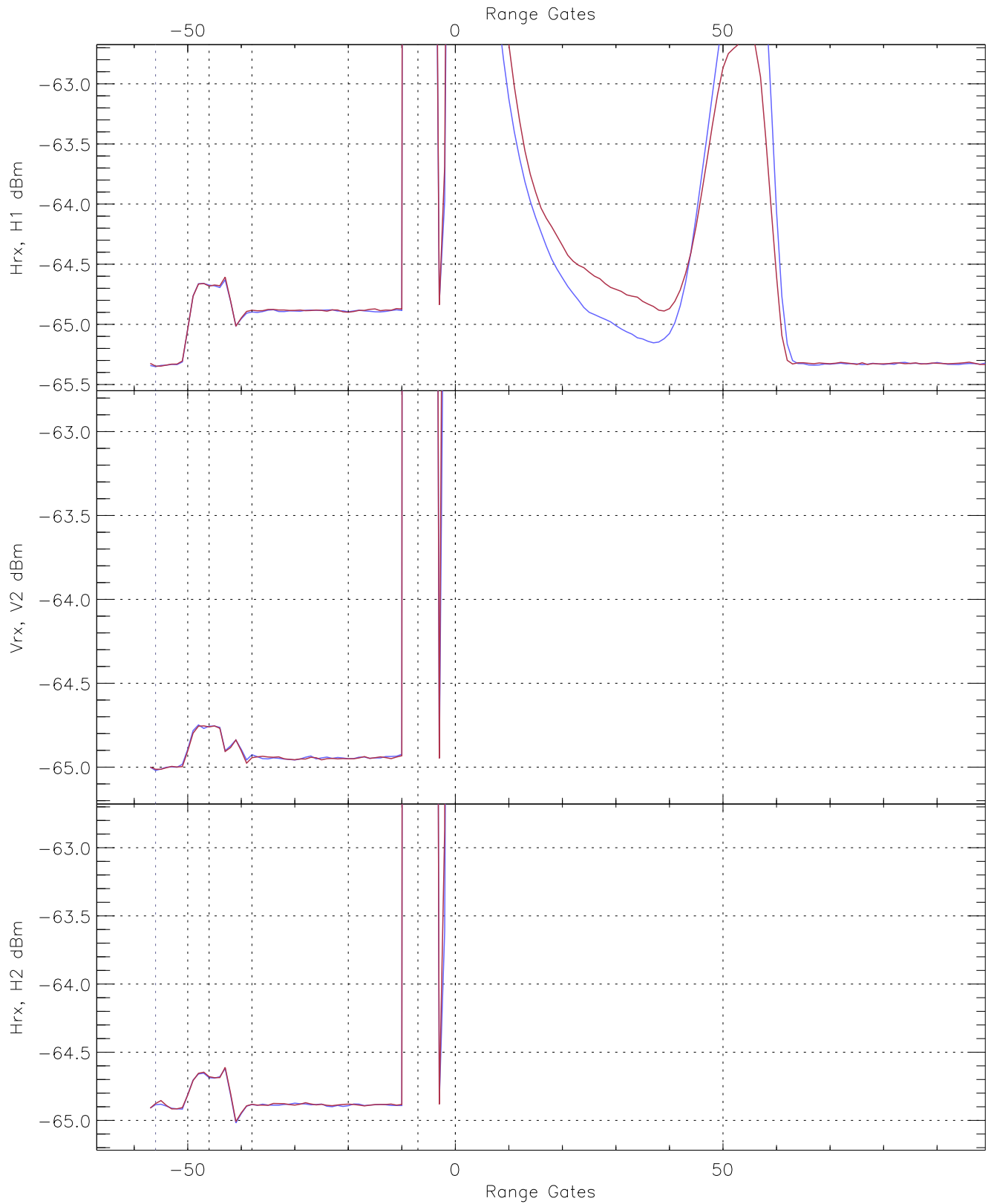


WCR3 CPP "Best" estimate Receivers Noise Power

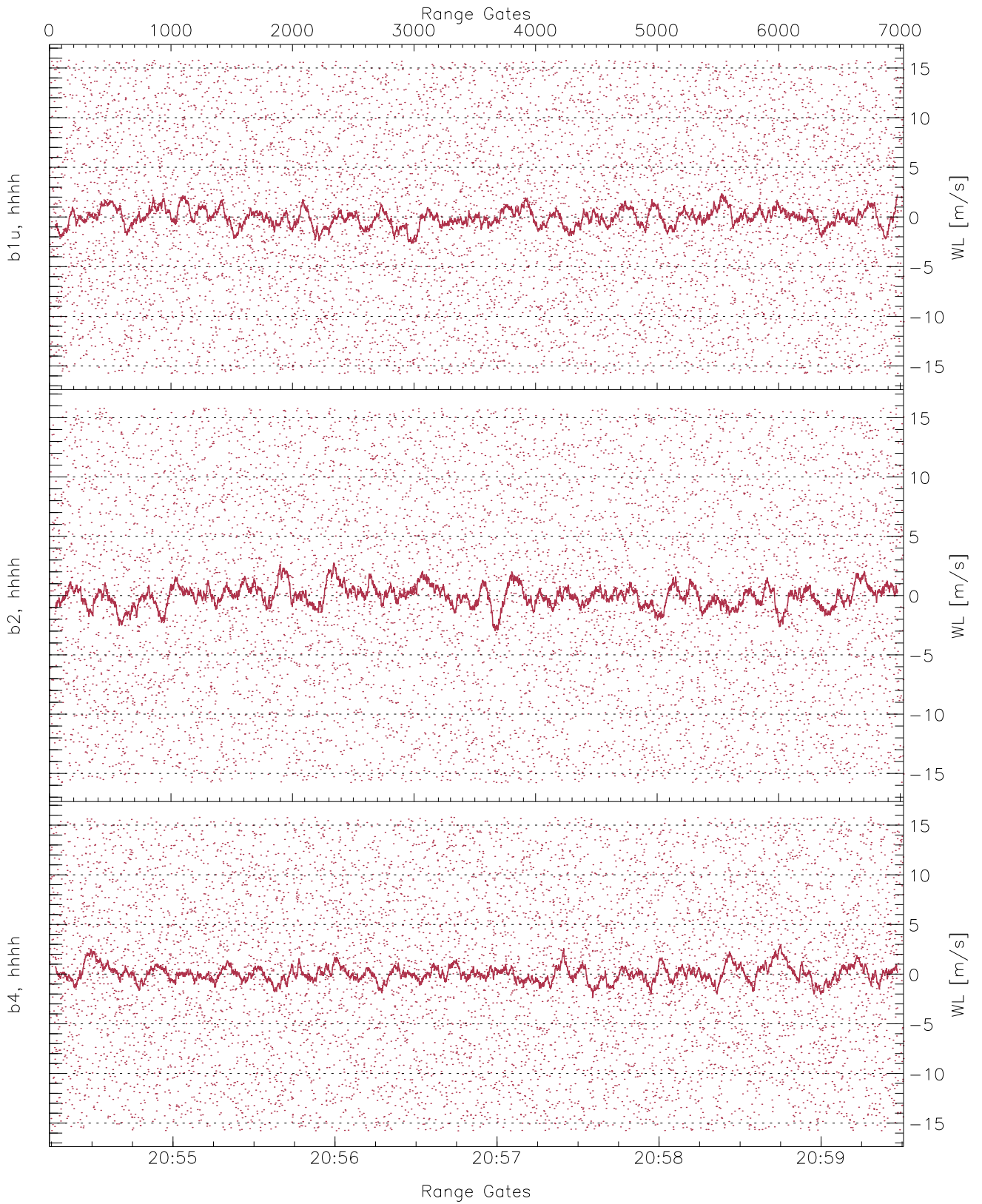
	Min	Max	Mean	Median	StDev
H1RG328_0 [dBm]	-66.41	-64.16	-65.35	-65.35	-76.88
V2RG359_0 [dBm]	-66.36	-64.01	-65.02	-65.02	-76.57
H2RG408_0 [dBm]	-66.19	-63.89	-64.92	-64.93	-76.40



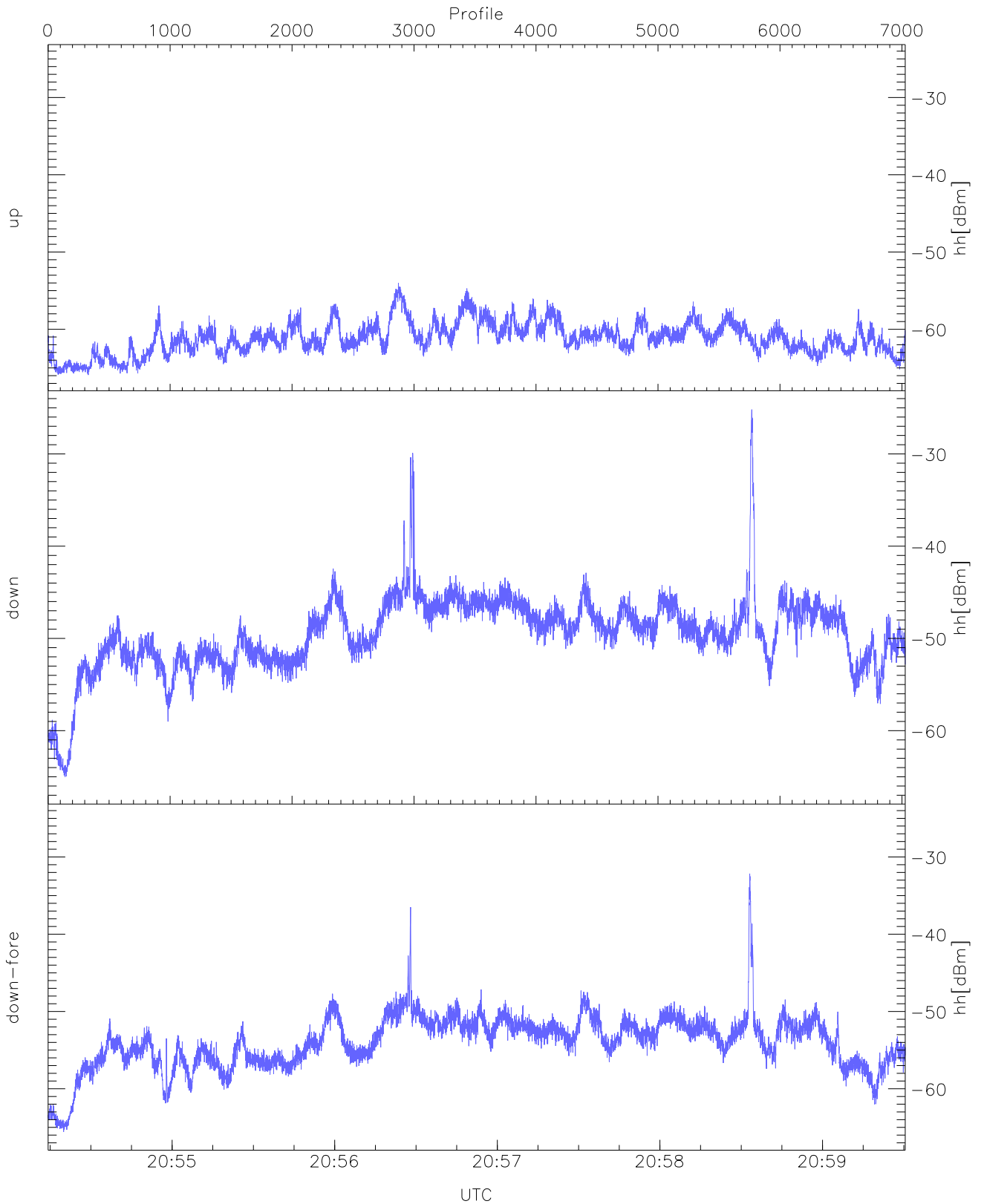
WCR3 CPP Averaged Received power for all recorded gates
blue: 205414-205652, 3515 profiles averaged
red: 205652-205931, 3514 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 205414-205652, 3515 profiles averaged
red: 205652-205931, 3514 profiles averaged

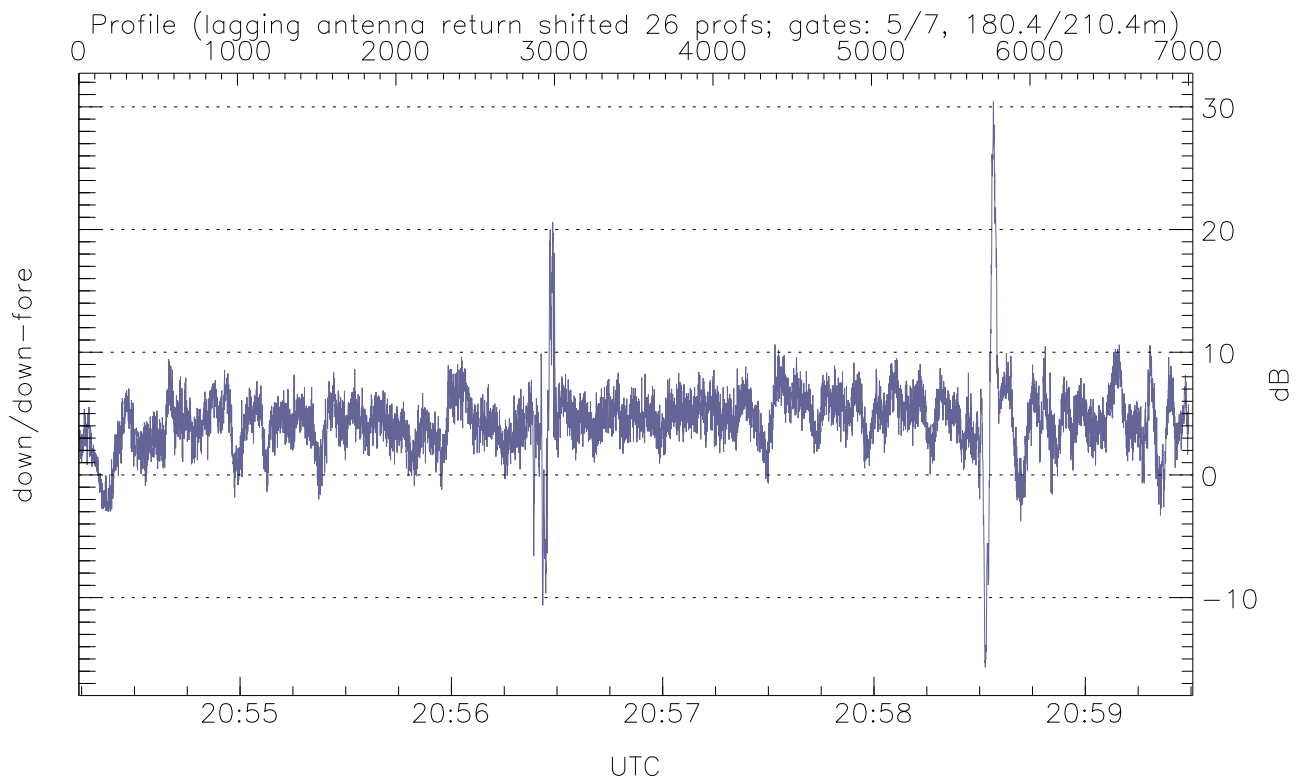
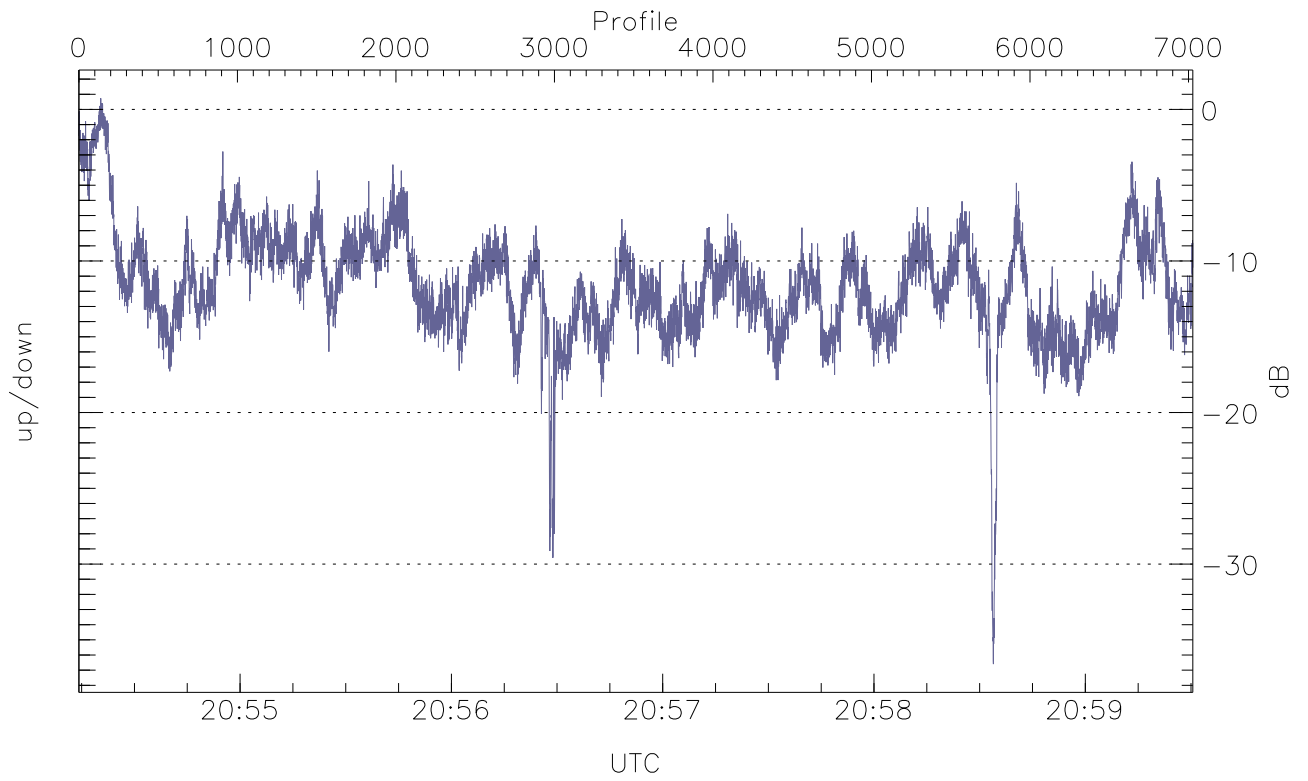


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



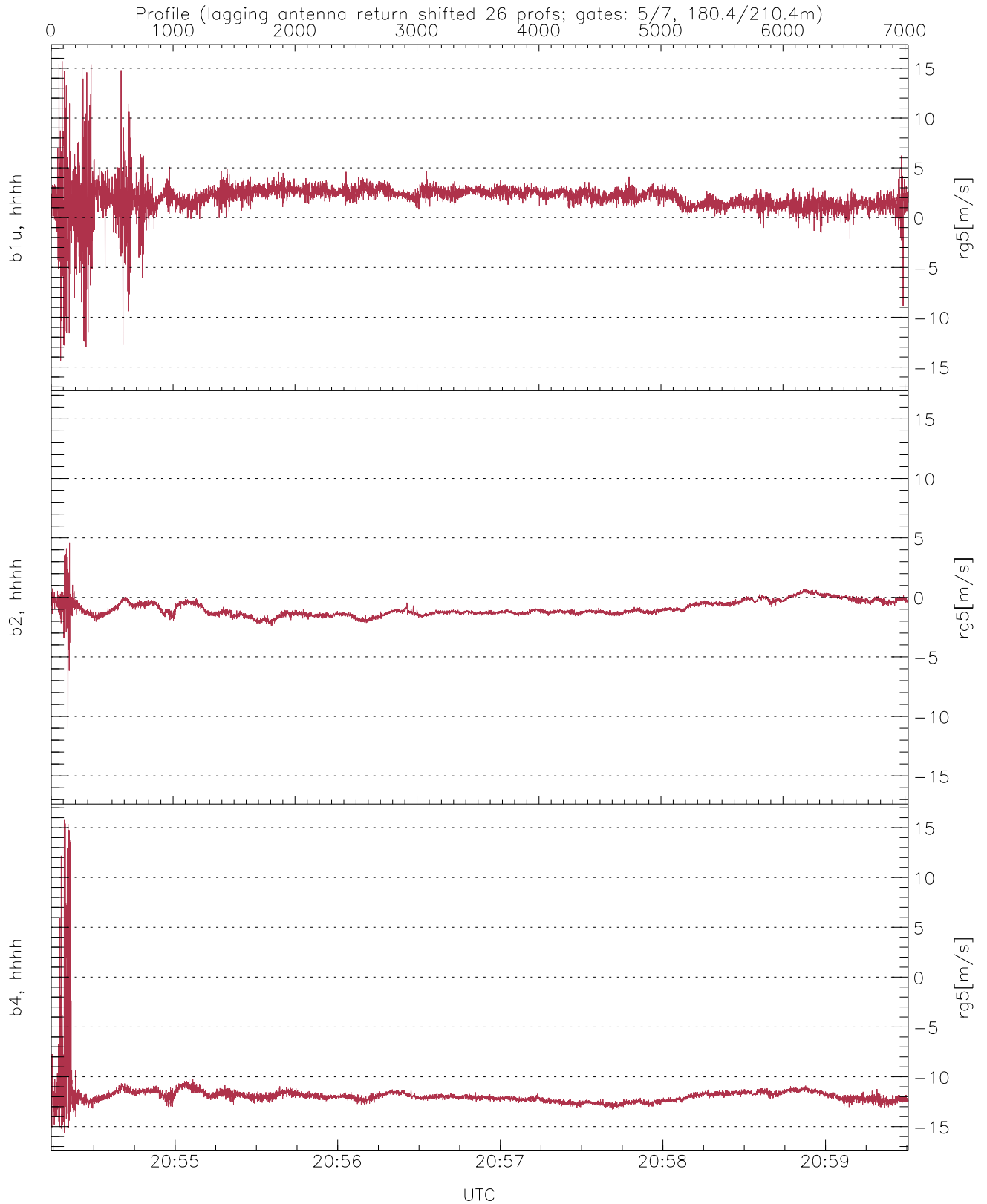
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.92	-53.99	-60.67
down(hh[dBm])	-65.00	-25.19	-46.68
down-fore(hh[dBm])	-65.57	-32.16	-52.23



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

	Min	Max	Mean
up/down (dB)	-36.60	0.73	-11.66
down/down-fore (dB)	-15.68	30.43	4.42



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-14.39	15.71	2.00	1.50
b2, hhhh(rg5[m/s])	-11.02	4.61	-0.95	0.64
b4, hhhh(rg5[m/s])	-15.69	15.76	-11.89	1.40