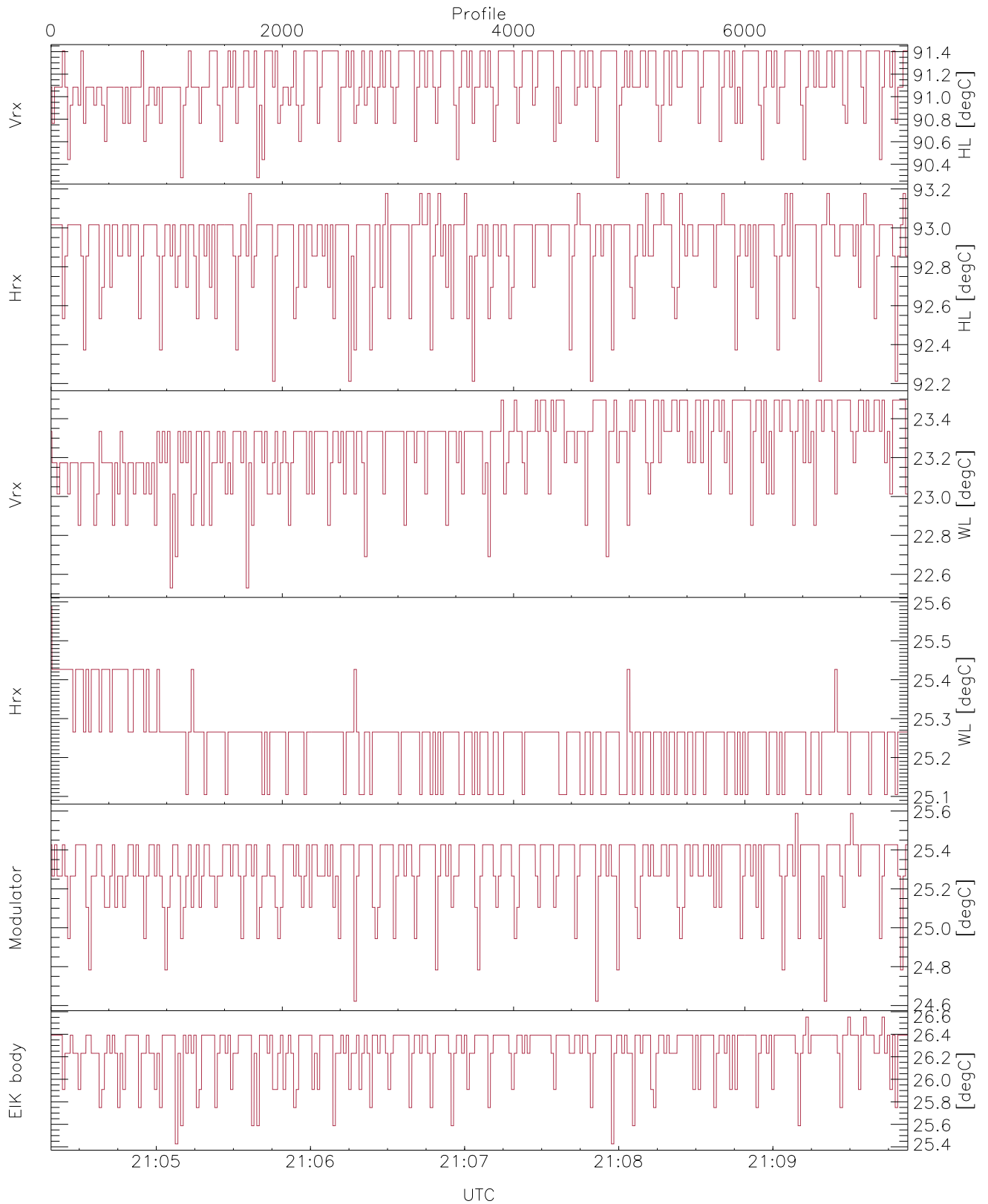


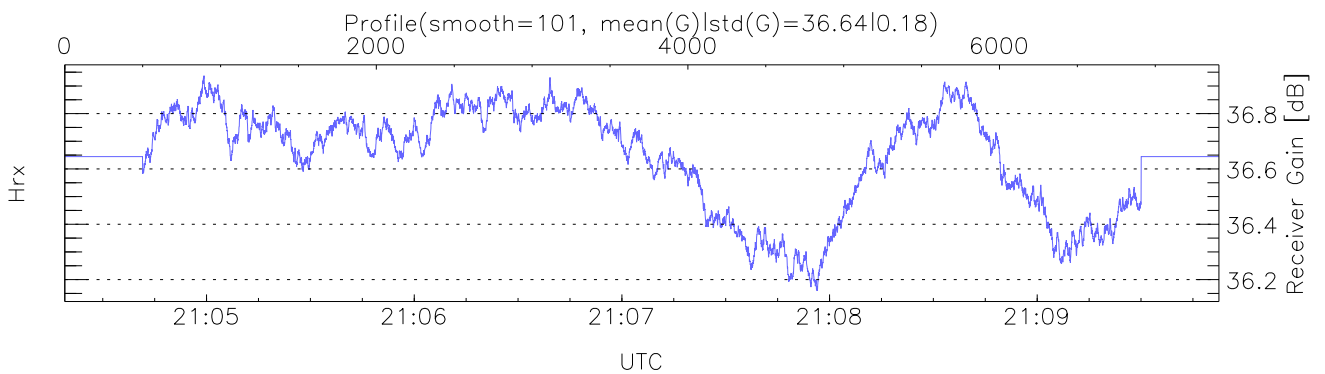
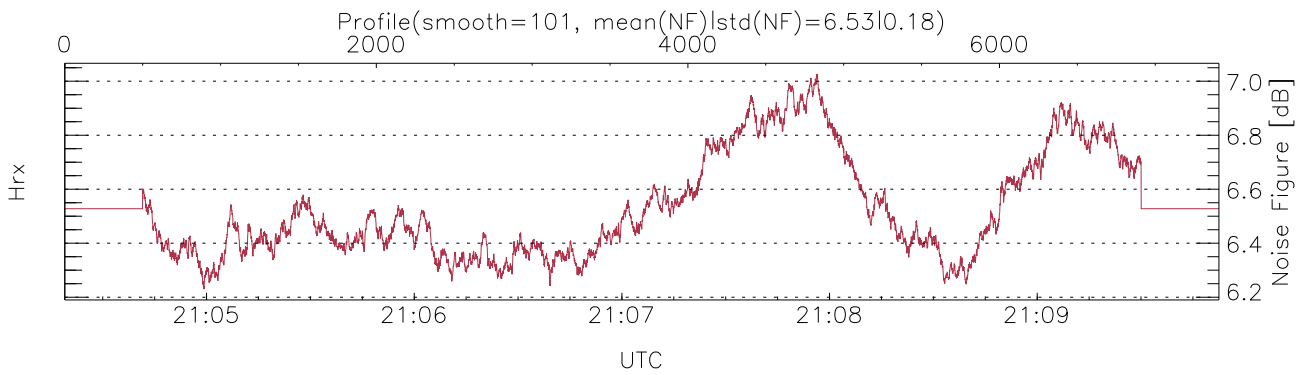
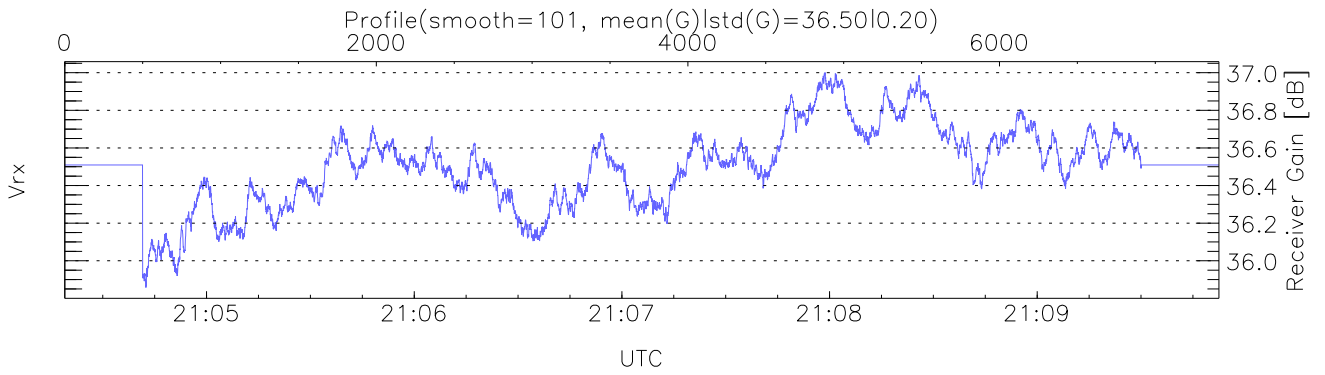
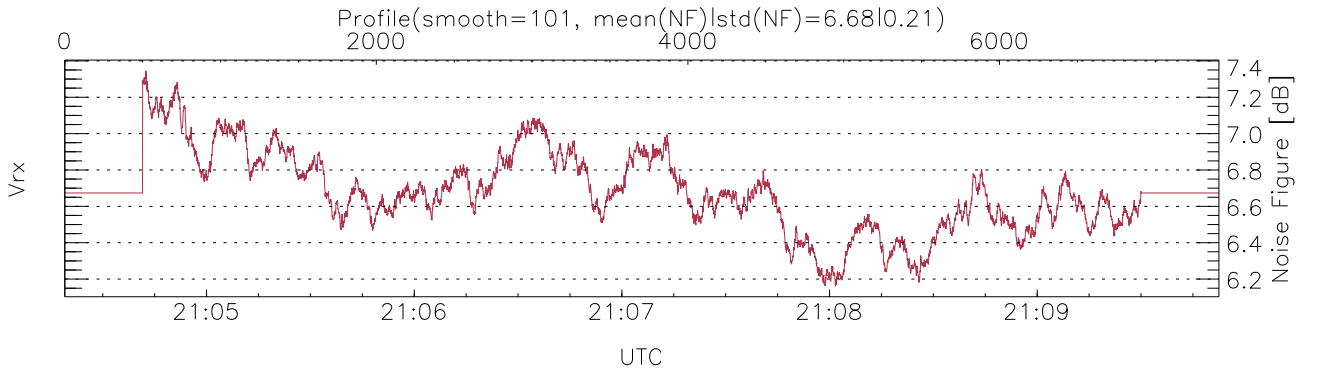
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:04:19-21:09:53, TimeCor: 0.00s, Dur: 333.49s
 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): 7410/7410, 0-7409/21:04:19-21:09:53
 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



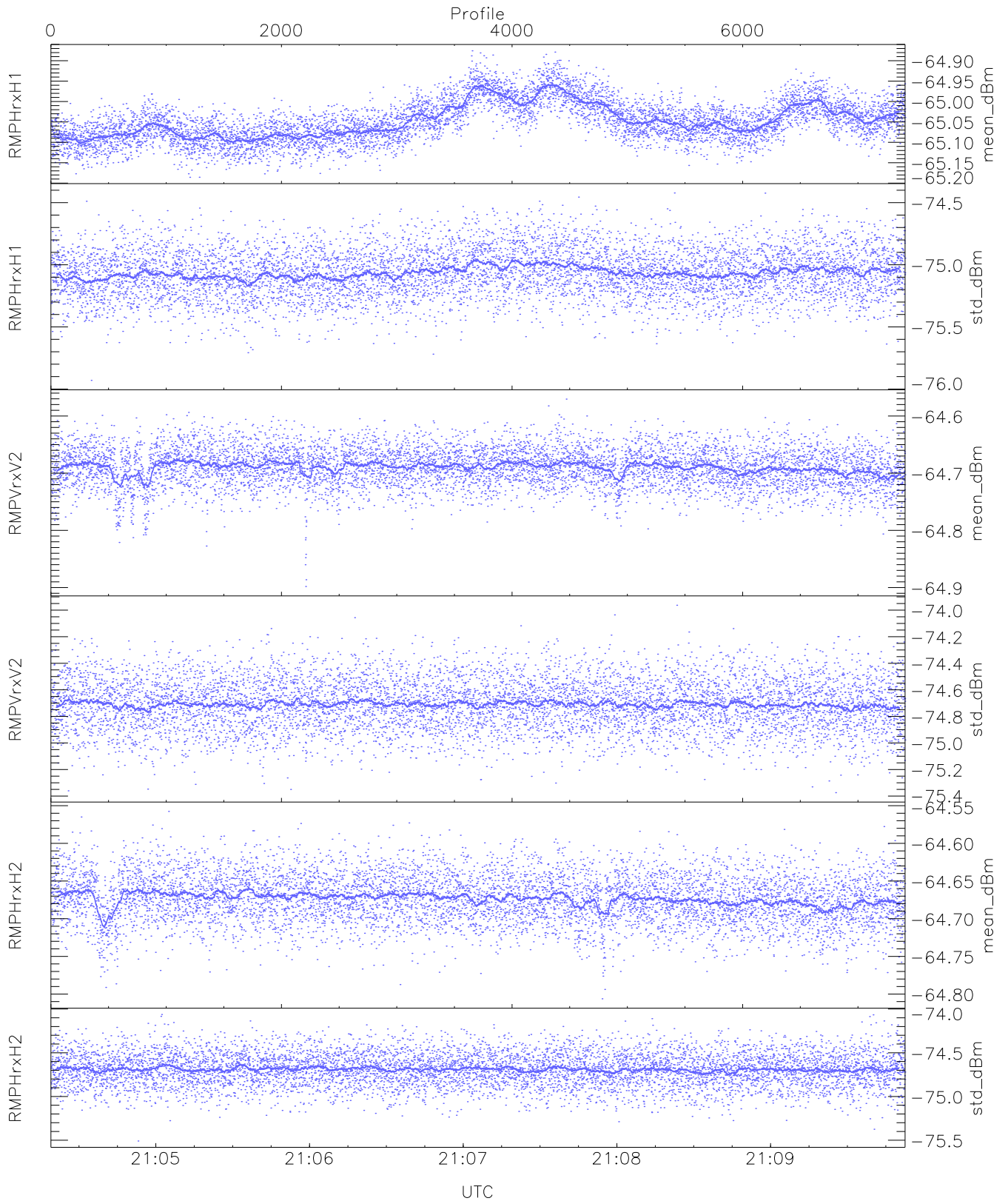
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,25,24,25
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



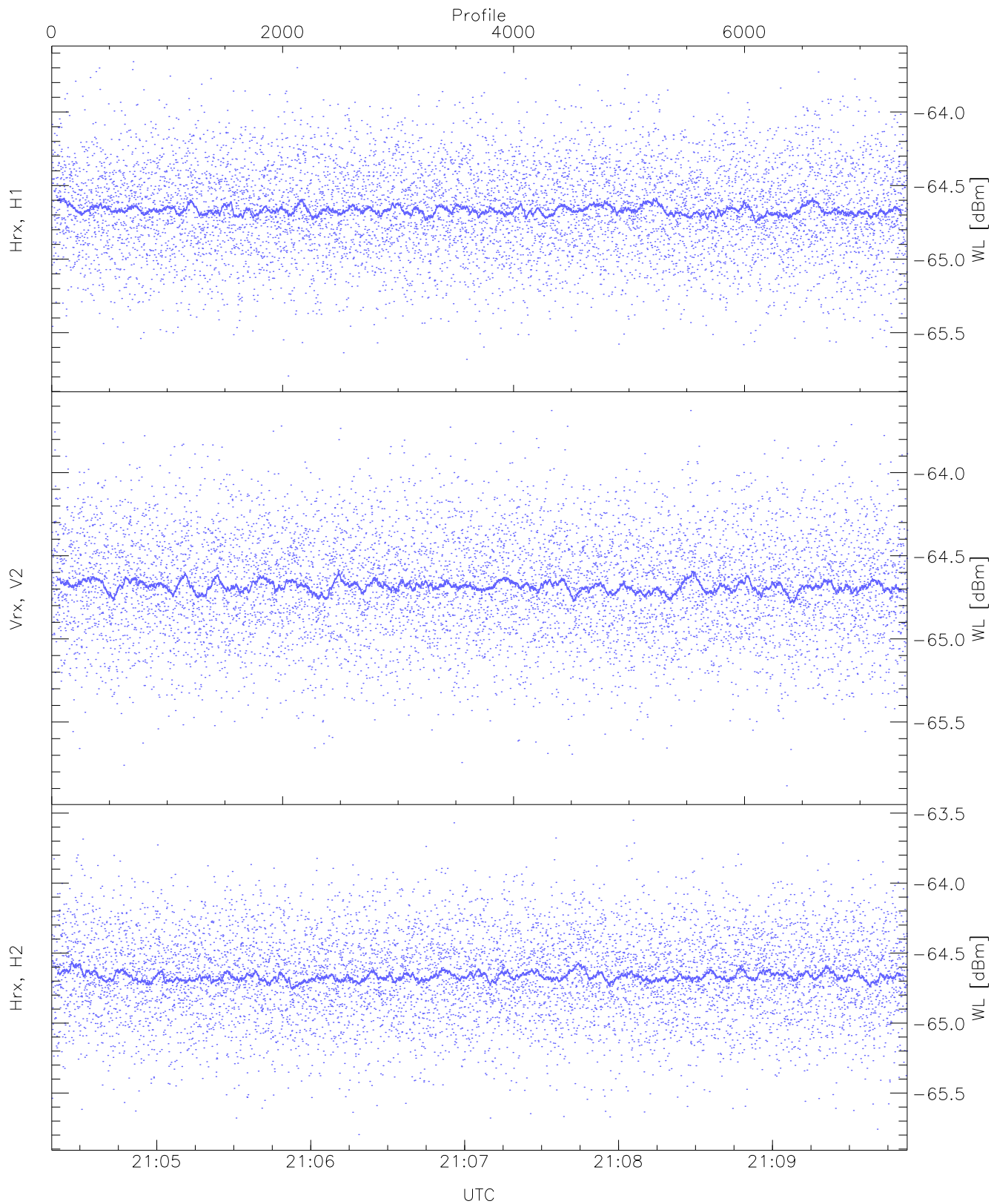
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 282 pixs, 3 gates, 265 profs, 1 prod(s)



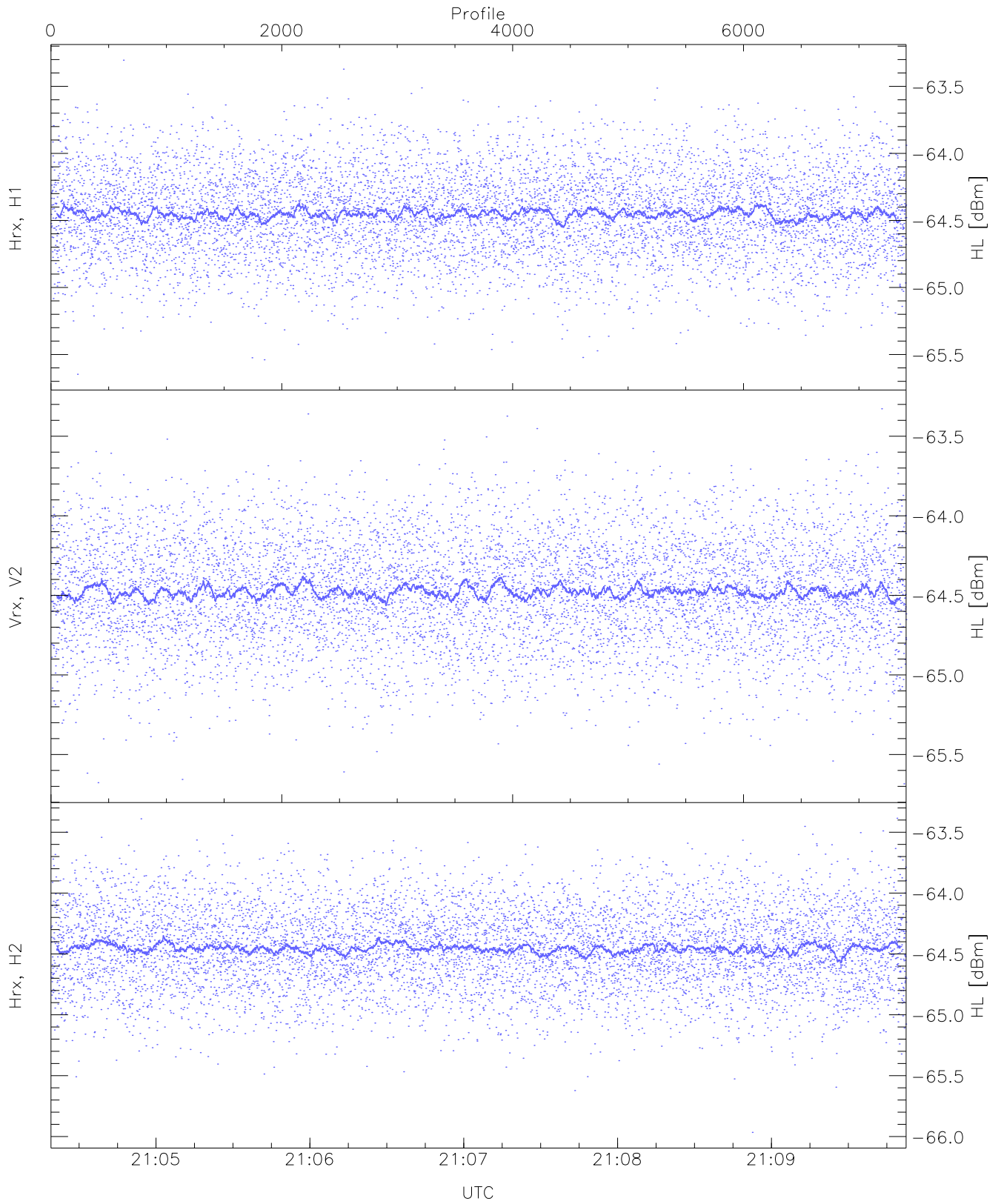
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.19	-64.88	-65.05	-65.05	-84.55
RMPHrxH1(std_dBm)	-75.93	-74.42	-75.06	-75.07	-88.79
RMPVrxV2(mean_dBm)	-64.90	-64.57	-64.69	-64.69	-85.93
RMPVrxV2(std_dBm)	-75.37	-73.96	-74.71	-74.71	-88.44
RMPHrxH2(mean_dBm)	-64.81	-64.56	-64.67	-64.67	-86.12
RMPHrxH2(std_dBm)	-75.51	-74.06	-74.69	-74.69	-88.46



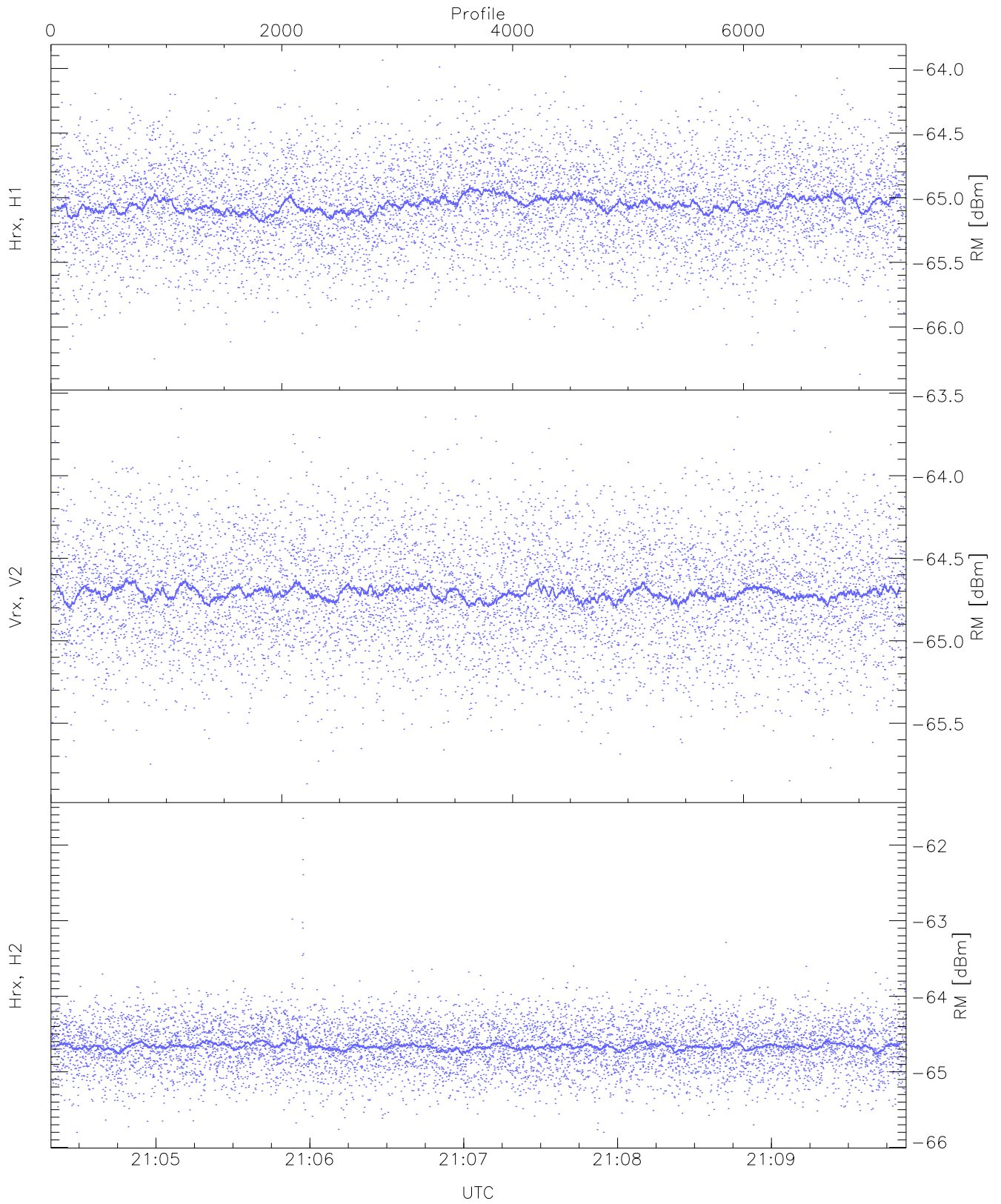
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.79	-63.66	-64.66	-64.67	-76.19
Vrx, V2 (WL [dBm])	-65.88	-63.63	-64.67	-64.68	-76.15
Hrx, H2 (WL [dBm])	-65.80	-63.55	-64.66	-64.66	-76.17



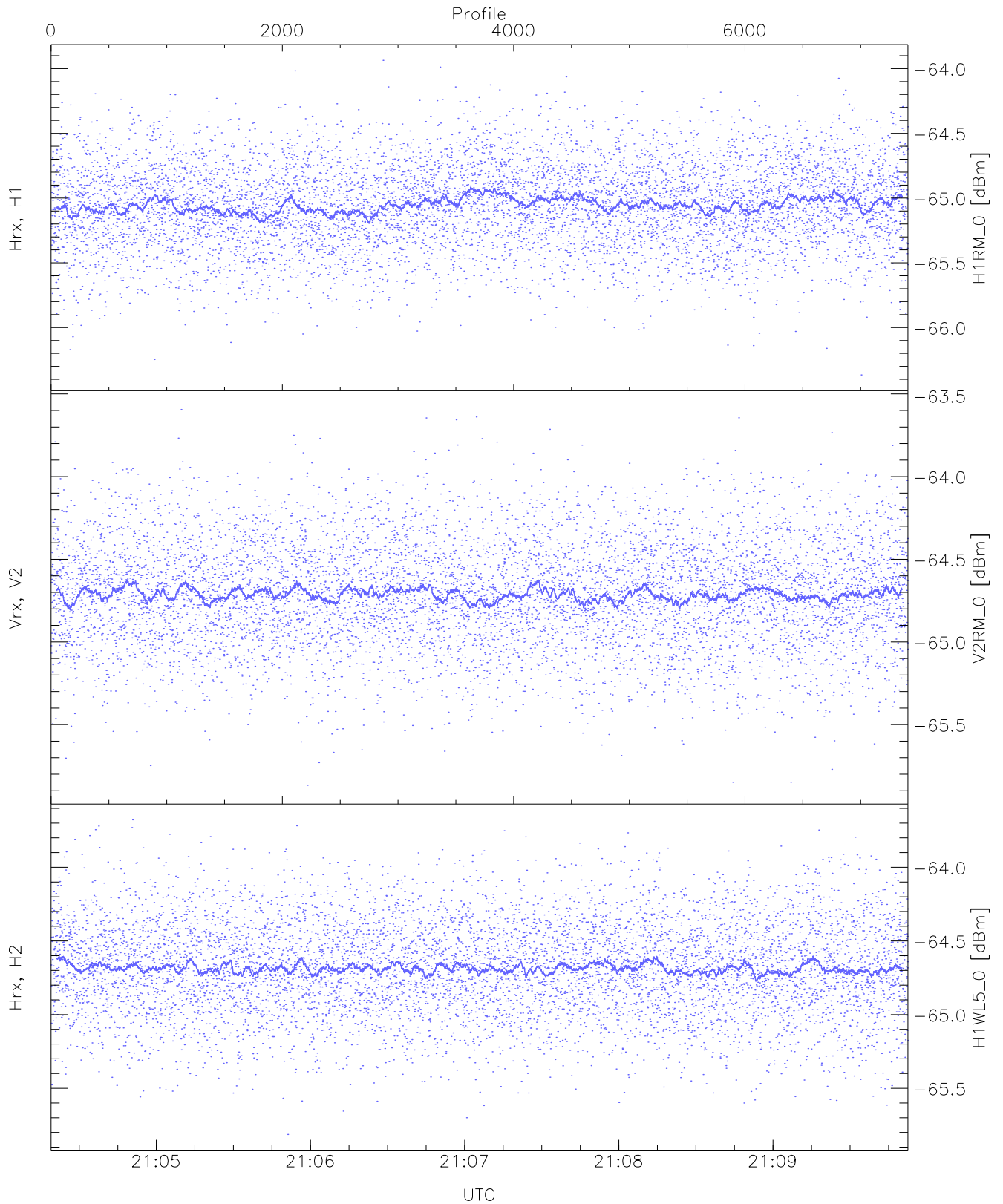
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.65	-63.30	-64.44	-64.45	-76.00
Vrx, V2 (HL [dBm])	-65.68	-63.33	-64.47	-64.48	-75.92
Hrx, H2 (HL [dBm])	-65.97	-63.39	-64.45	-64.46	-75.86



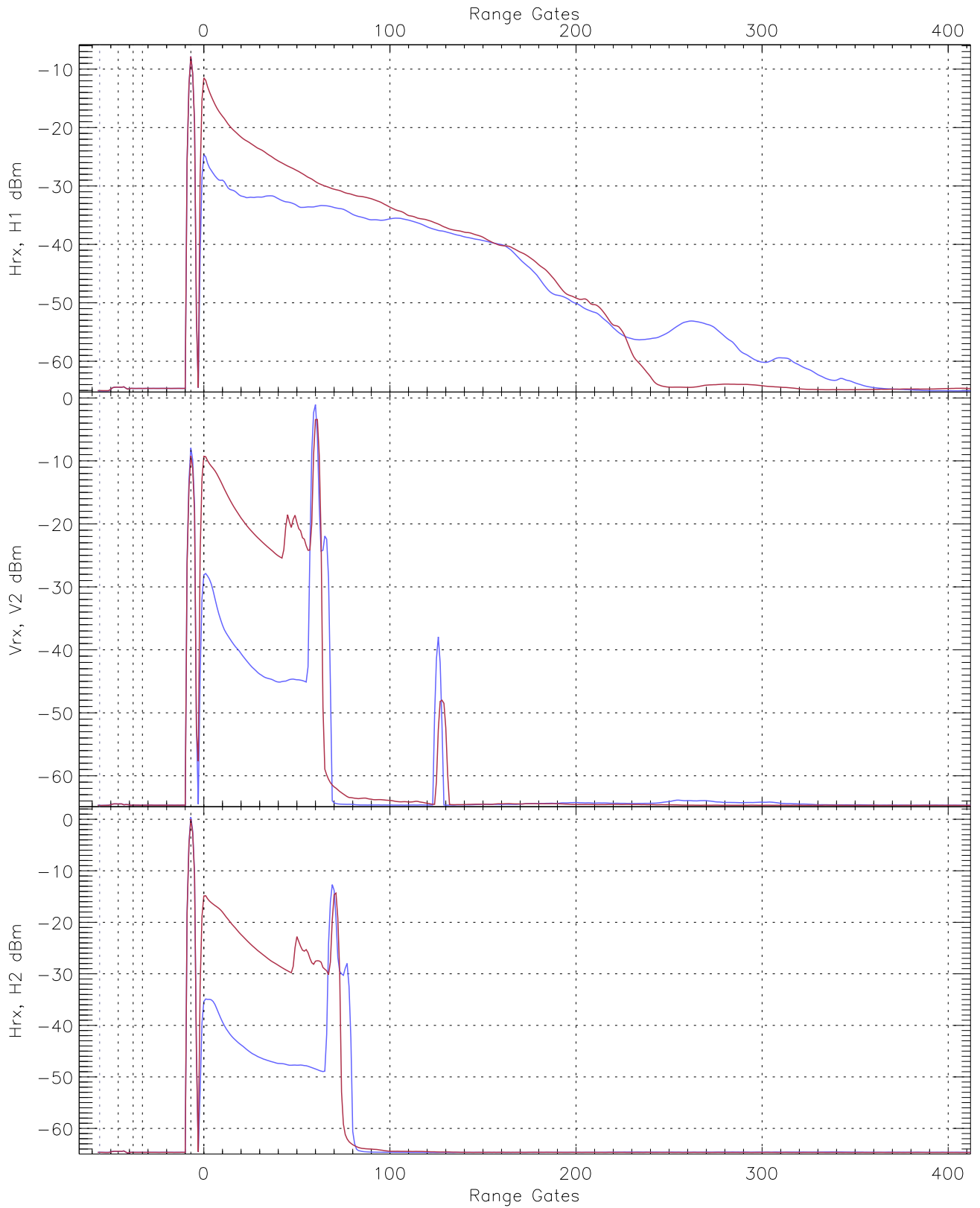
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.37	-63.94	-65.04	-65.05	-76.48
Vrx, V2 (RM [dBm])	-65.87	-63.59	-64.70	-64.71	-76.22
Hrx, H2 (RM [dBm])	-65.80	-61.64	-64.65	-64.66	-75.94

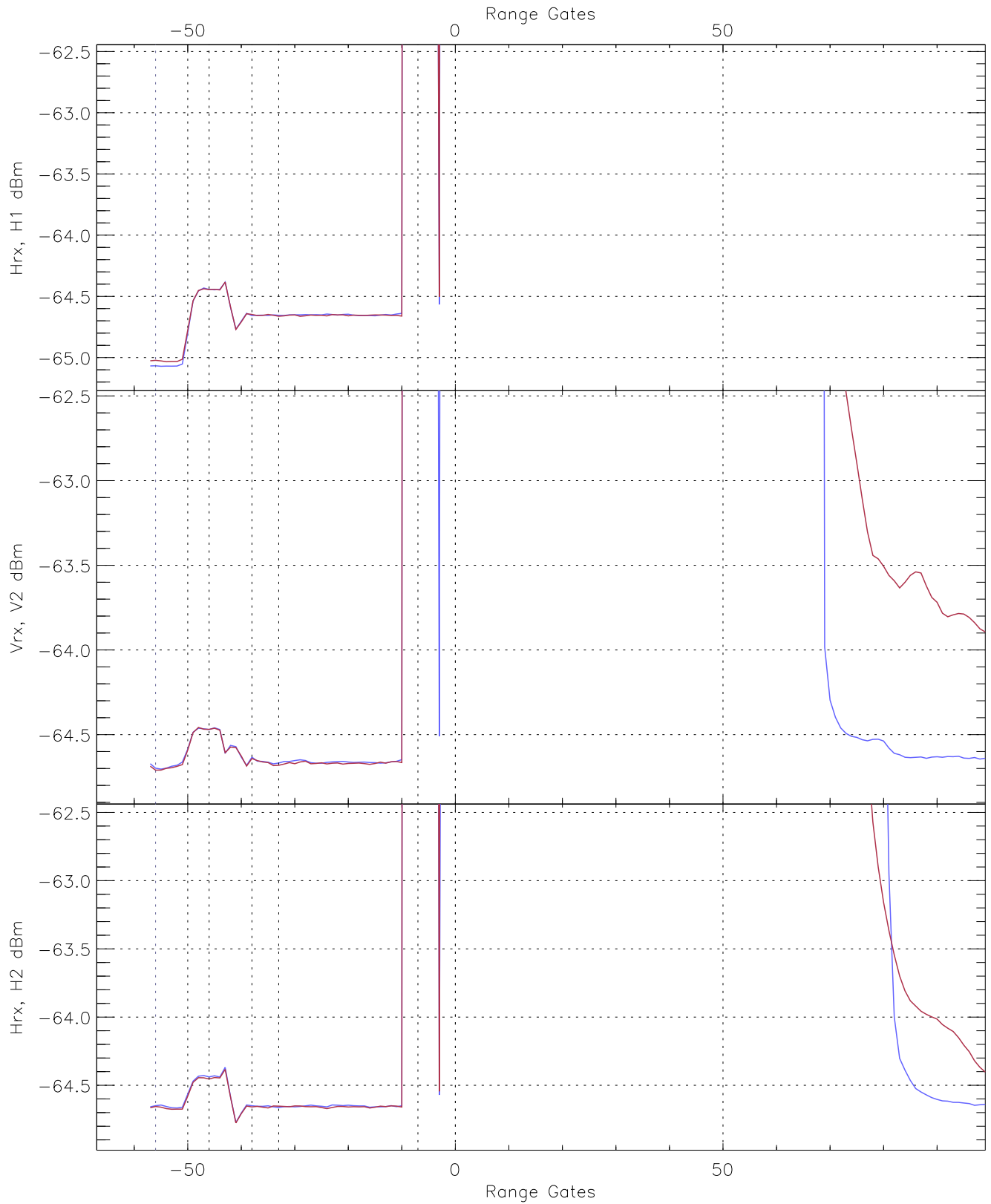


WCR3 CPP "Best" estimate Receivers Noise Power

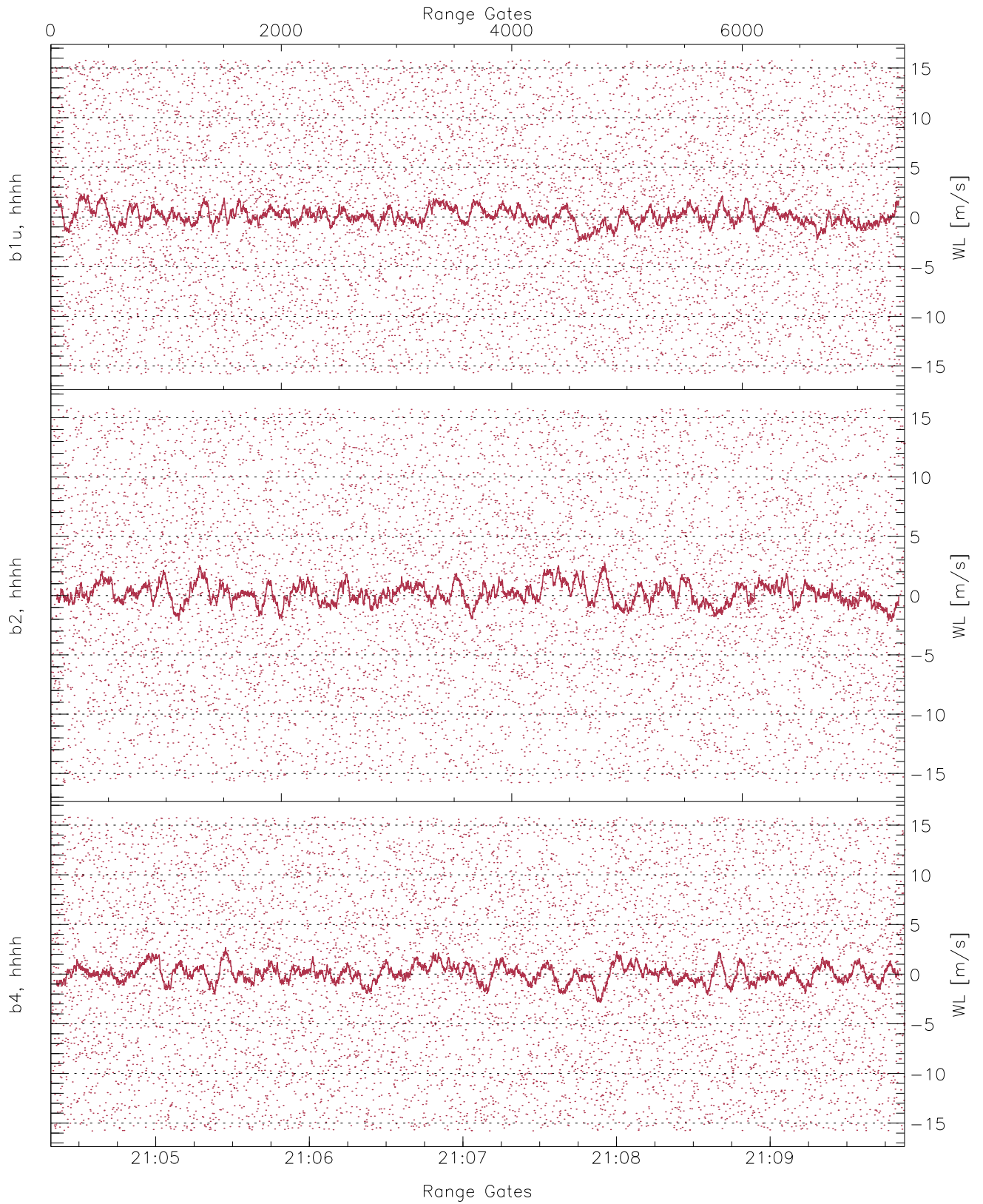
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.37	-63.94	-65.04	-65.05	-76.48
V2RM_0 [dBm]	-65.87	-63.59	-64.70	-64.71	-76.22
H1WL5_0 [dBm]	-65.81	-63.68	-64.68	-64.69	-76.21



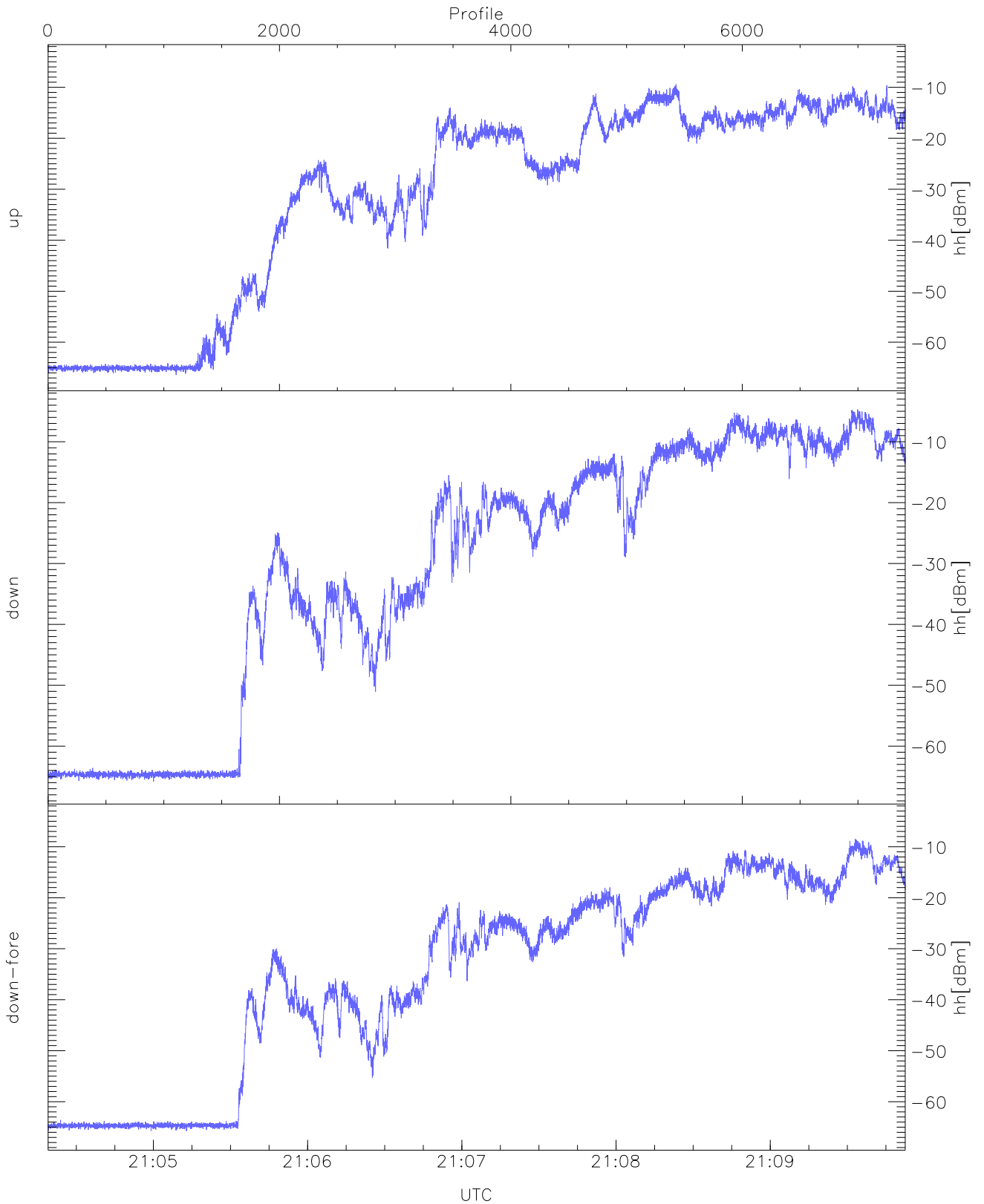
WCR3 CPP Averaged Received power for all recorded gates
blue: 210419-210706, 3706 profiles averaged
red: 210706-210953, 3705 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 210419-210706, 3706 profiles averaged
red: 210706-210953, 3705 profiles averaged

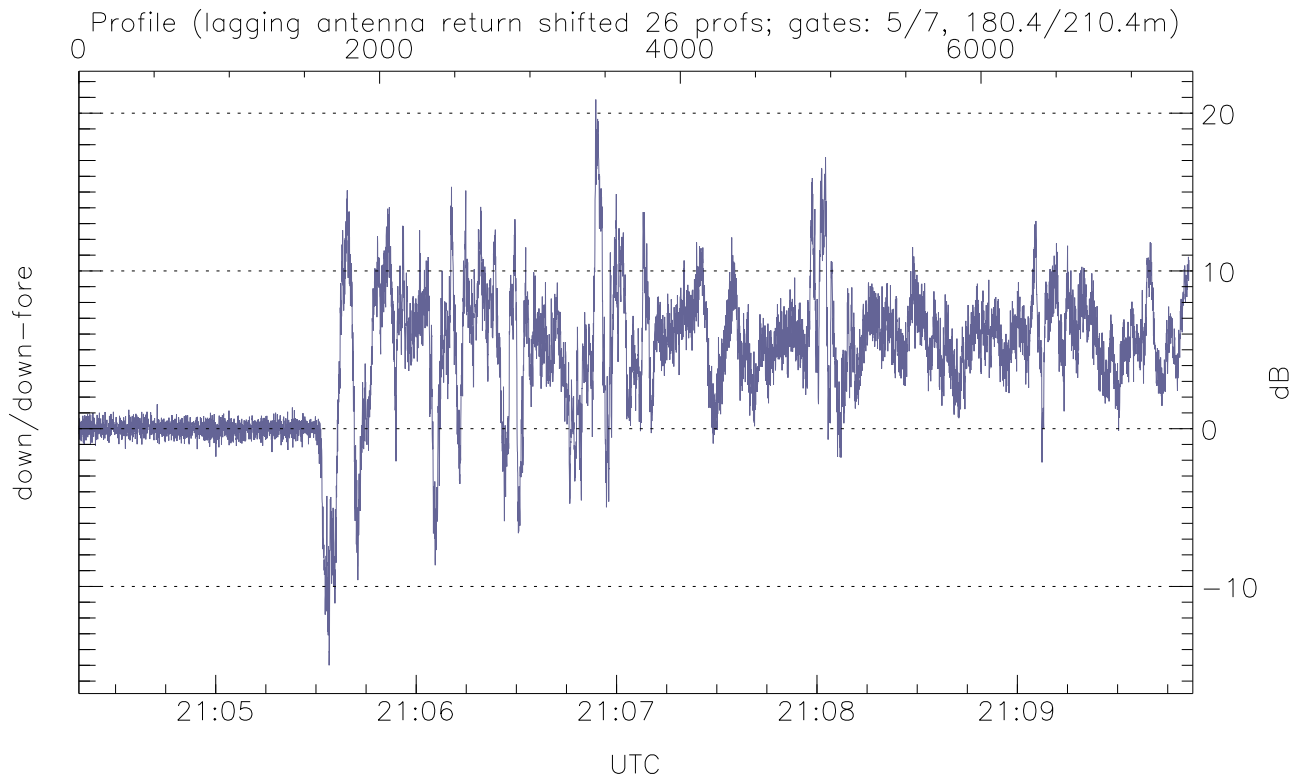
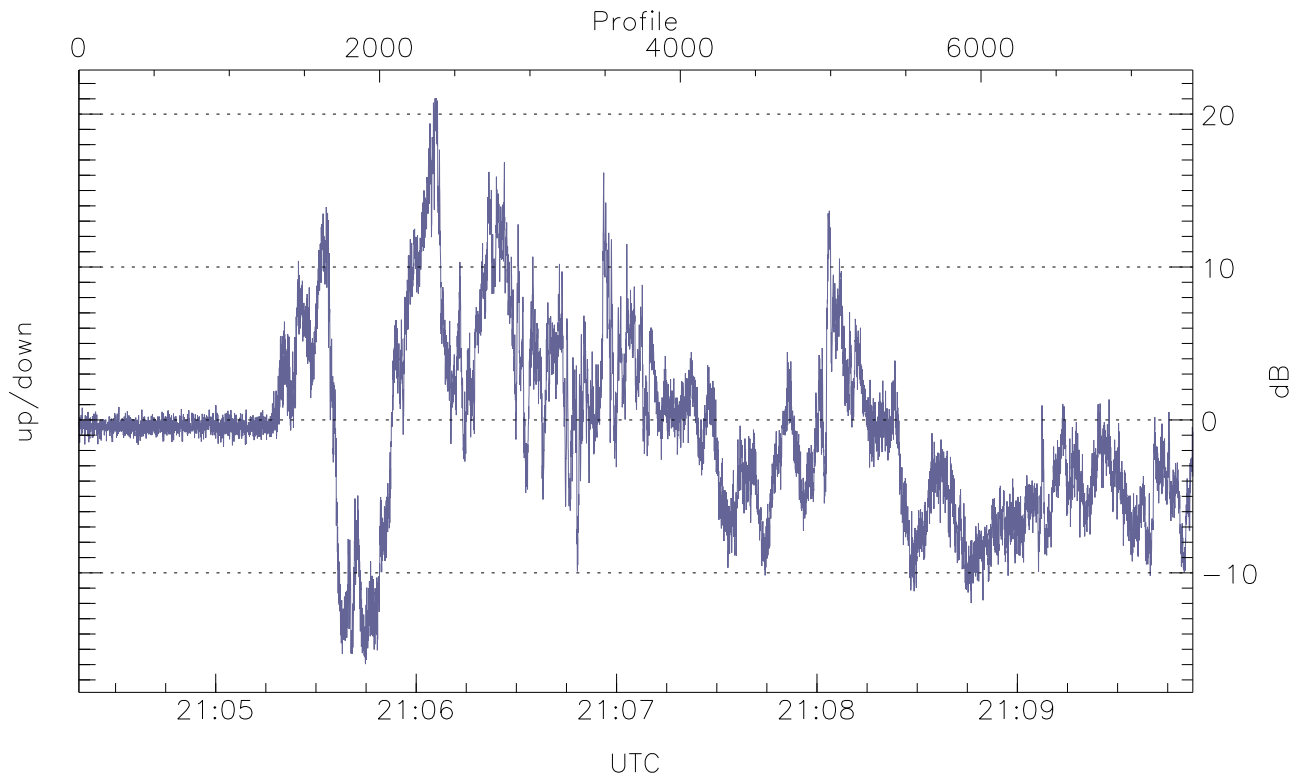


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



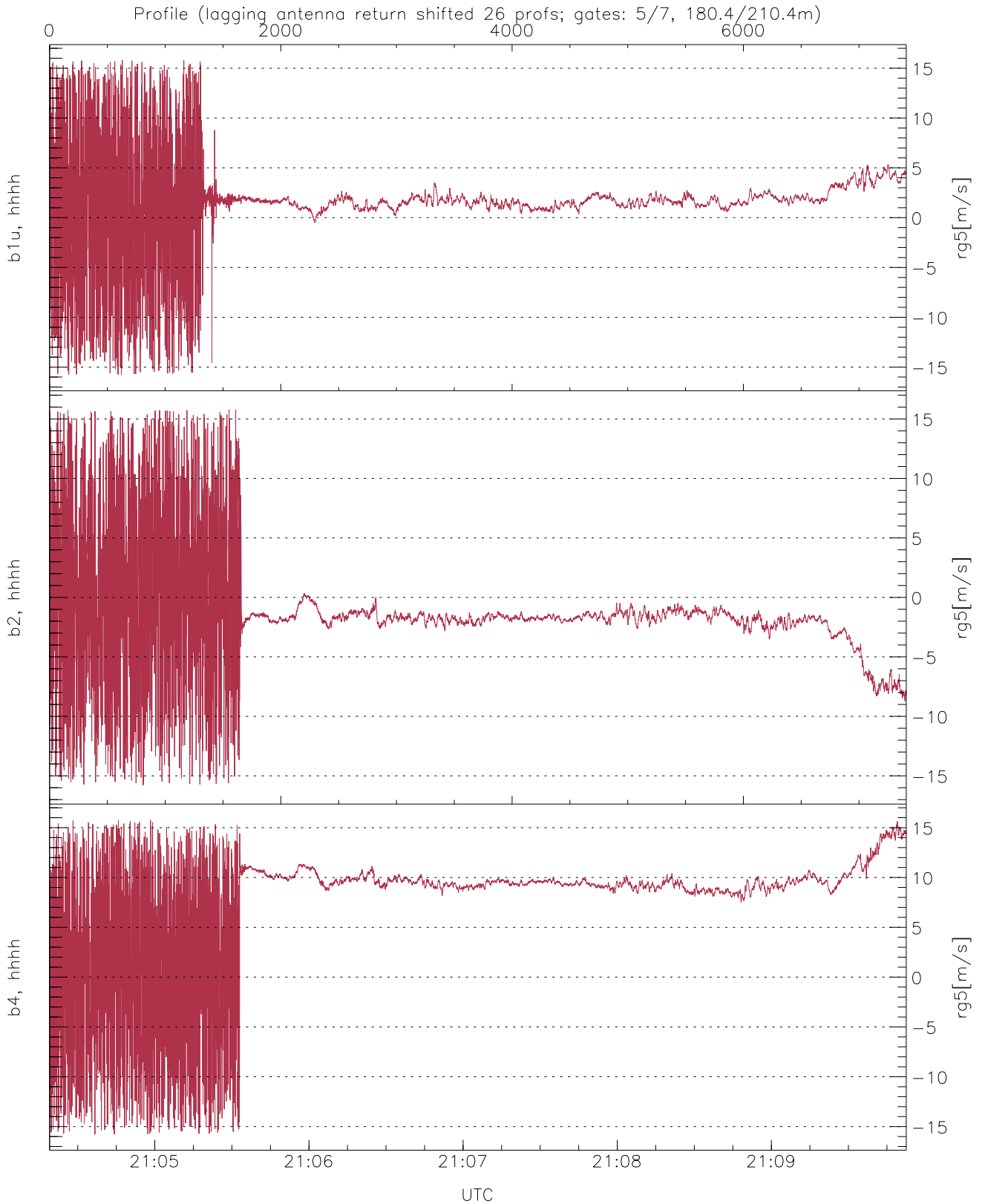
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.43	-9.42	-18.14
down(hh[dBm])	-65.83	-4.71	-14.14
down-fore(hh[dBm])	-65.75	-8.48	-19.42



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

	Min	Max	Mean
up/down (dB)	-15.97	21.03	-0.67
down/down-fore (dB)	-15.00	20.87	4.27



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	1.56	3.78
b2, hhhh(rg5[m/s])	-15.79	15.79	-1.61	4.17
b4, hhhh(rg5[m/s])	-15.78	15.74	7.62	5.90