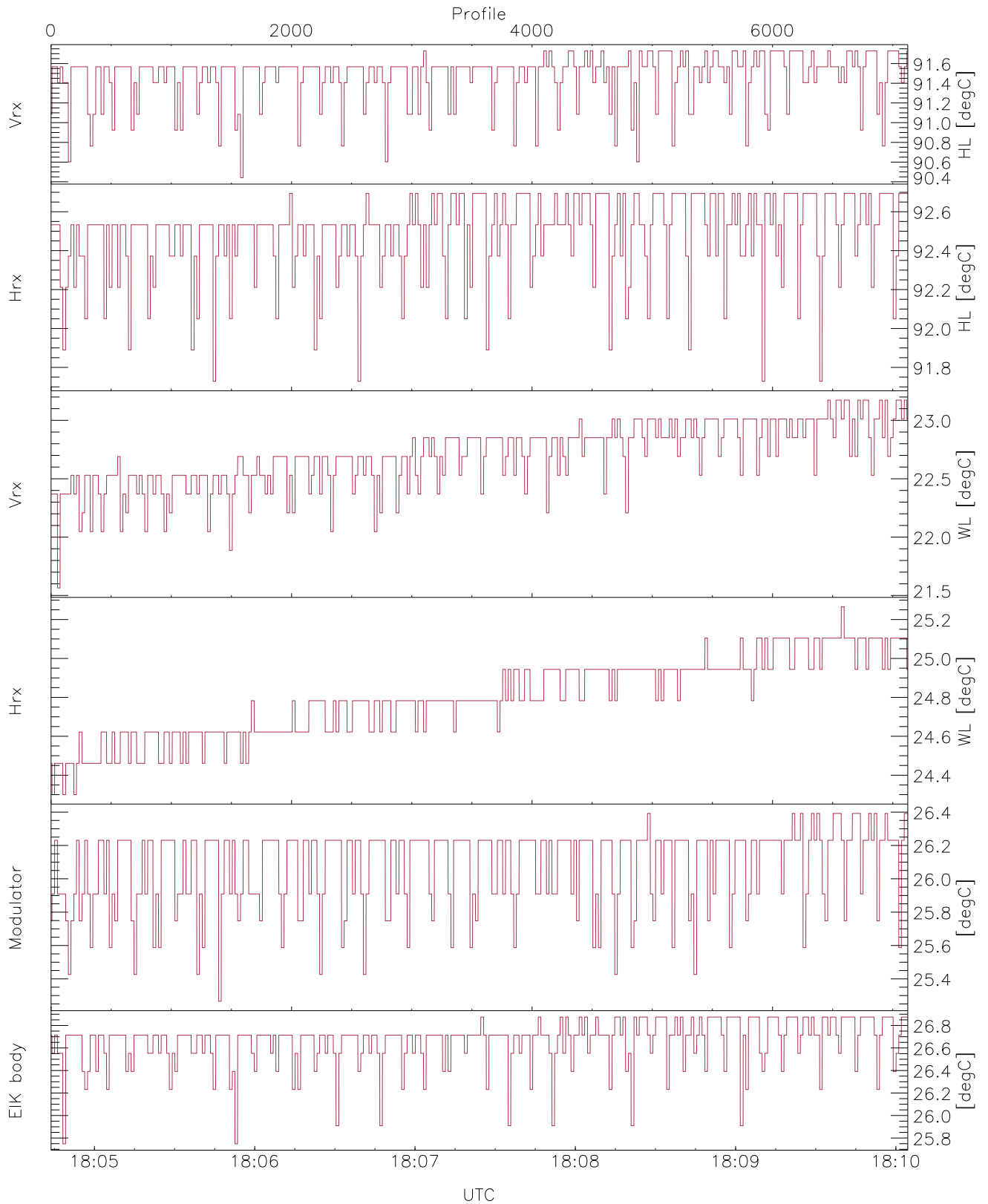


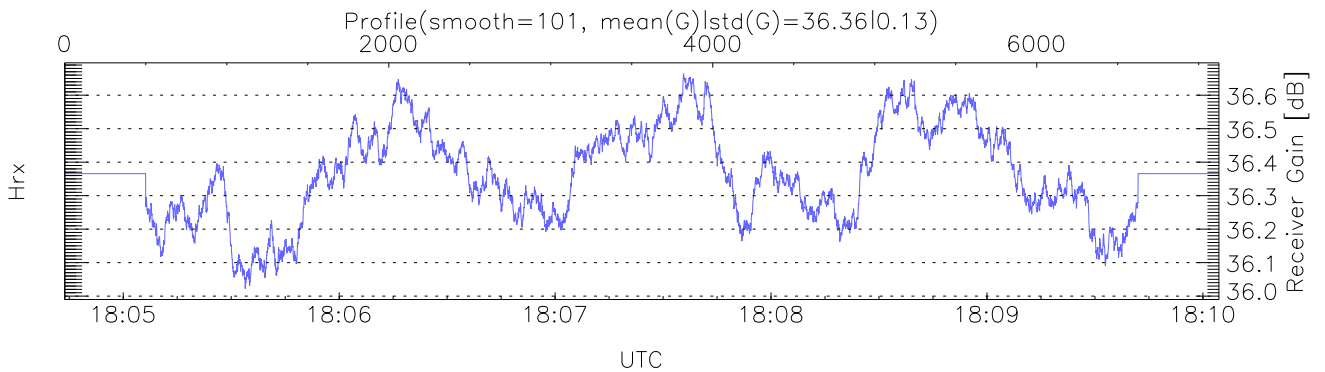
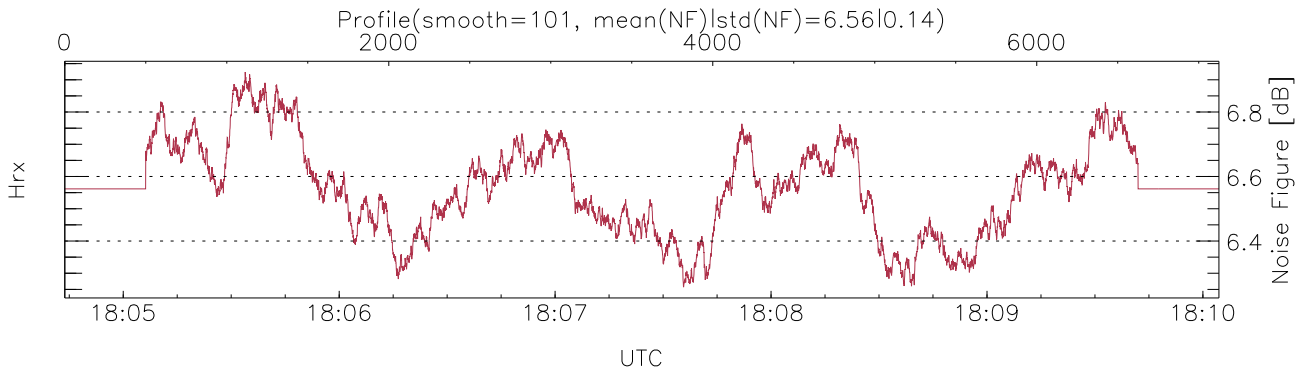
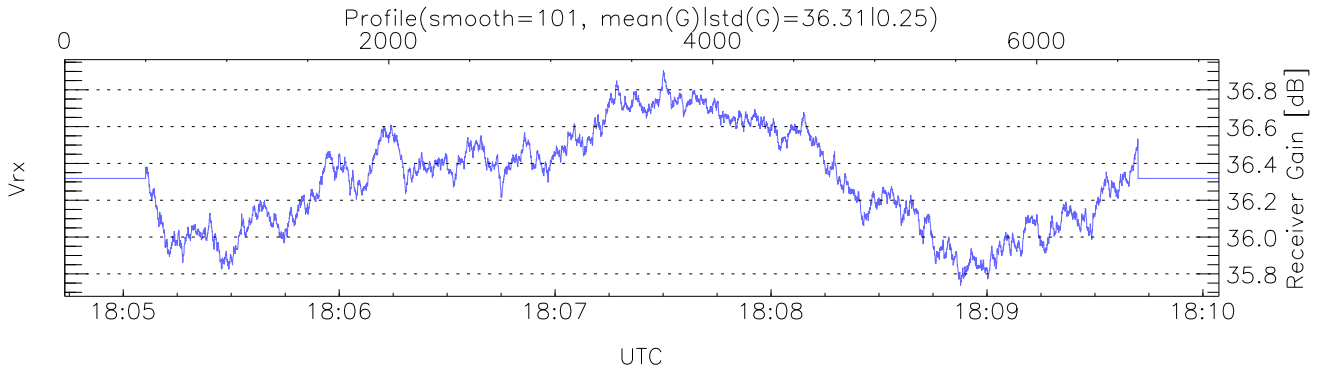
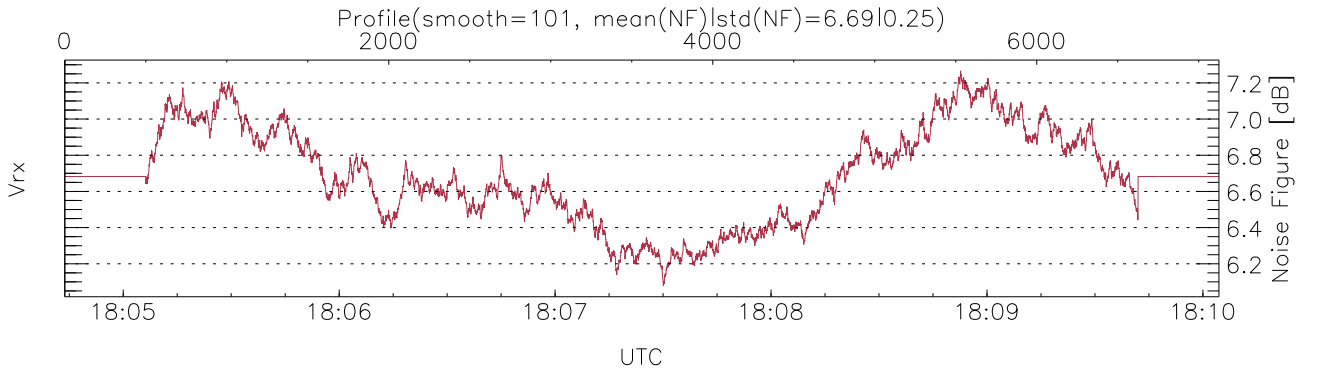
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:04:44-18:10:04, TimeCor: 0.00s, Dur: 320.71s
 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): 7126/7126, 0-7125/18:04:44-18:10:04
 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



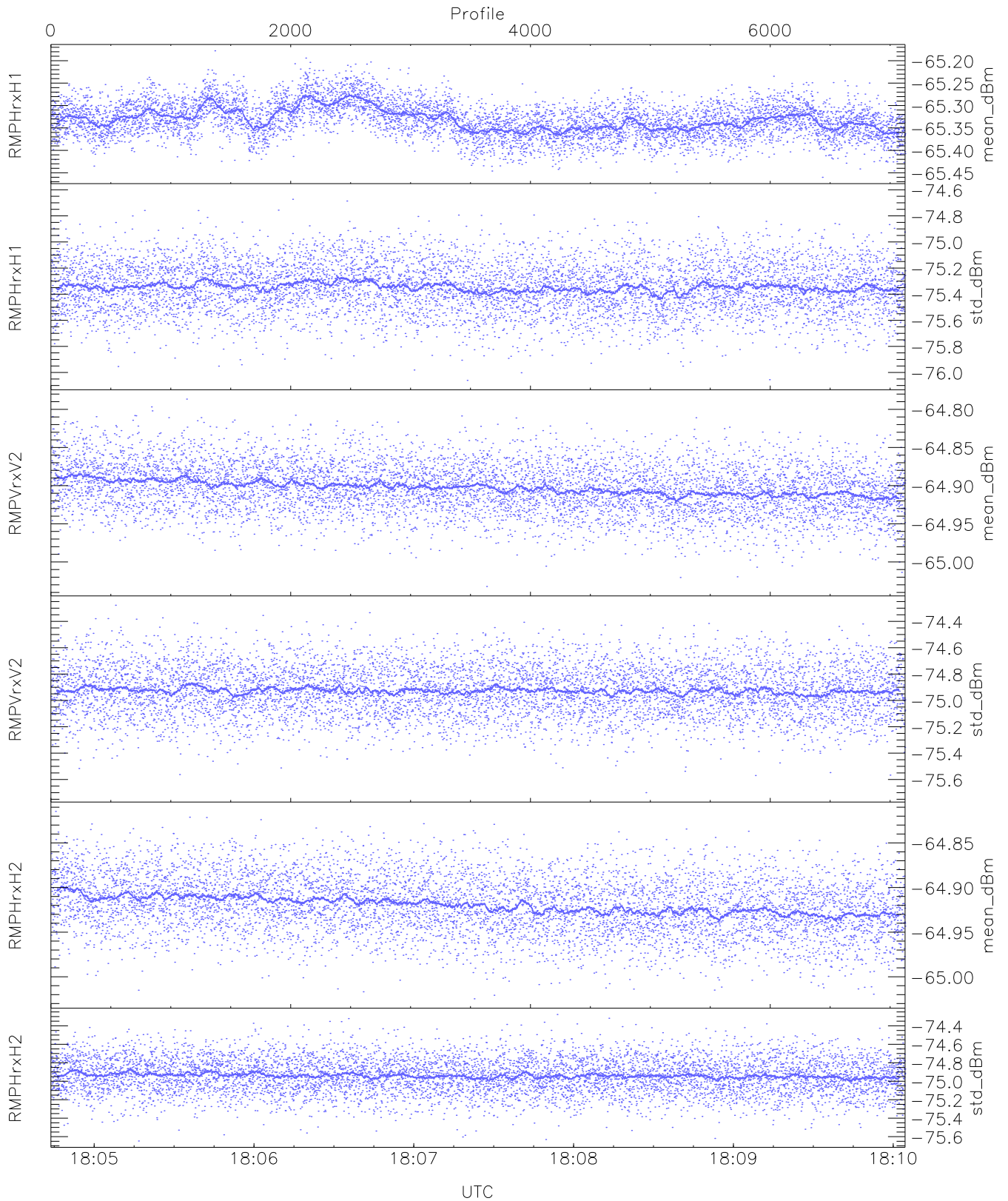
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,24,25,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,26,26`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK Faults(# prof affected):`
`CoilT,BodyCurr,DeckF (24,24,24)`



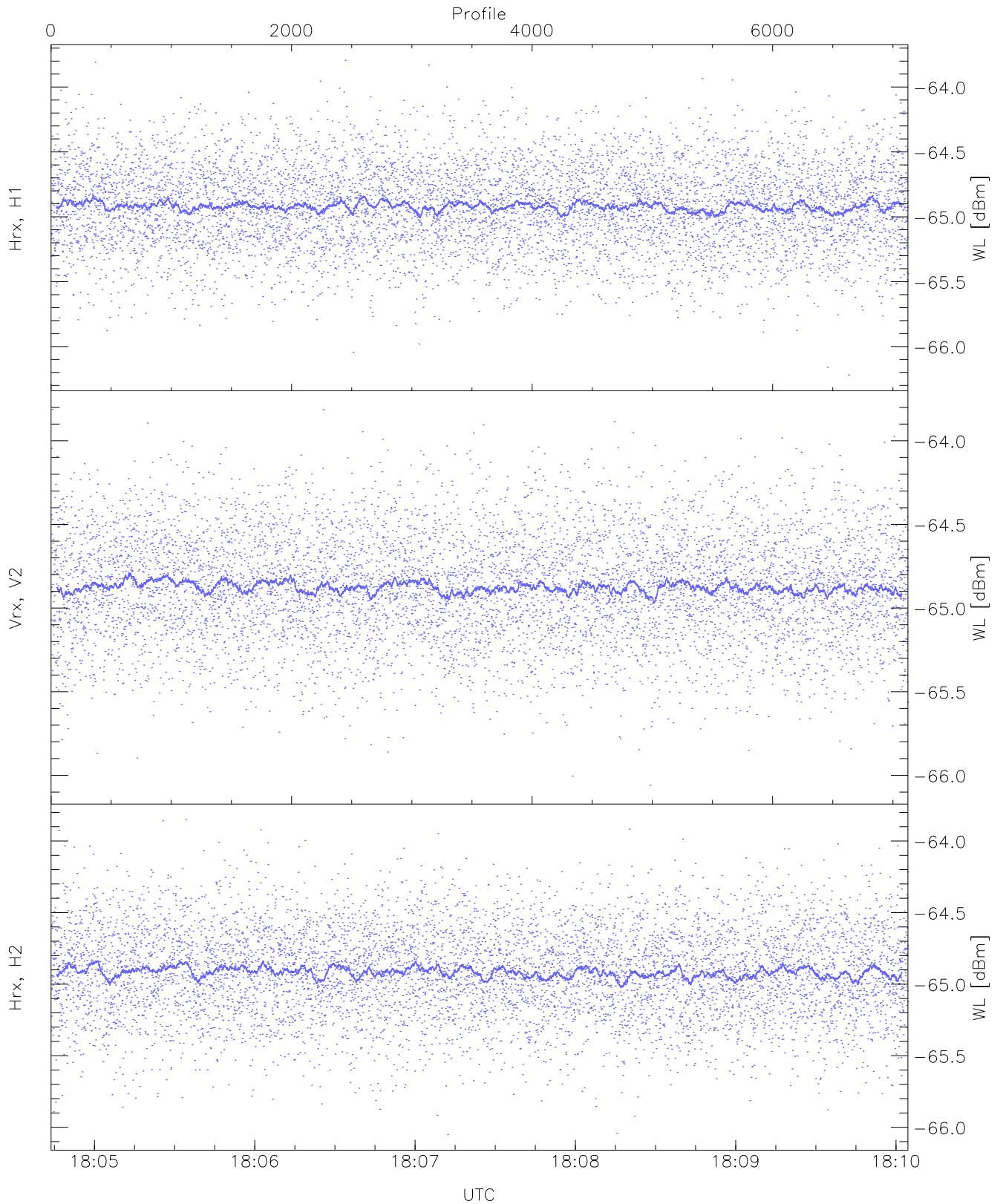
WCR3 CPP Receivers Gain and Noise Figure

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



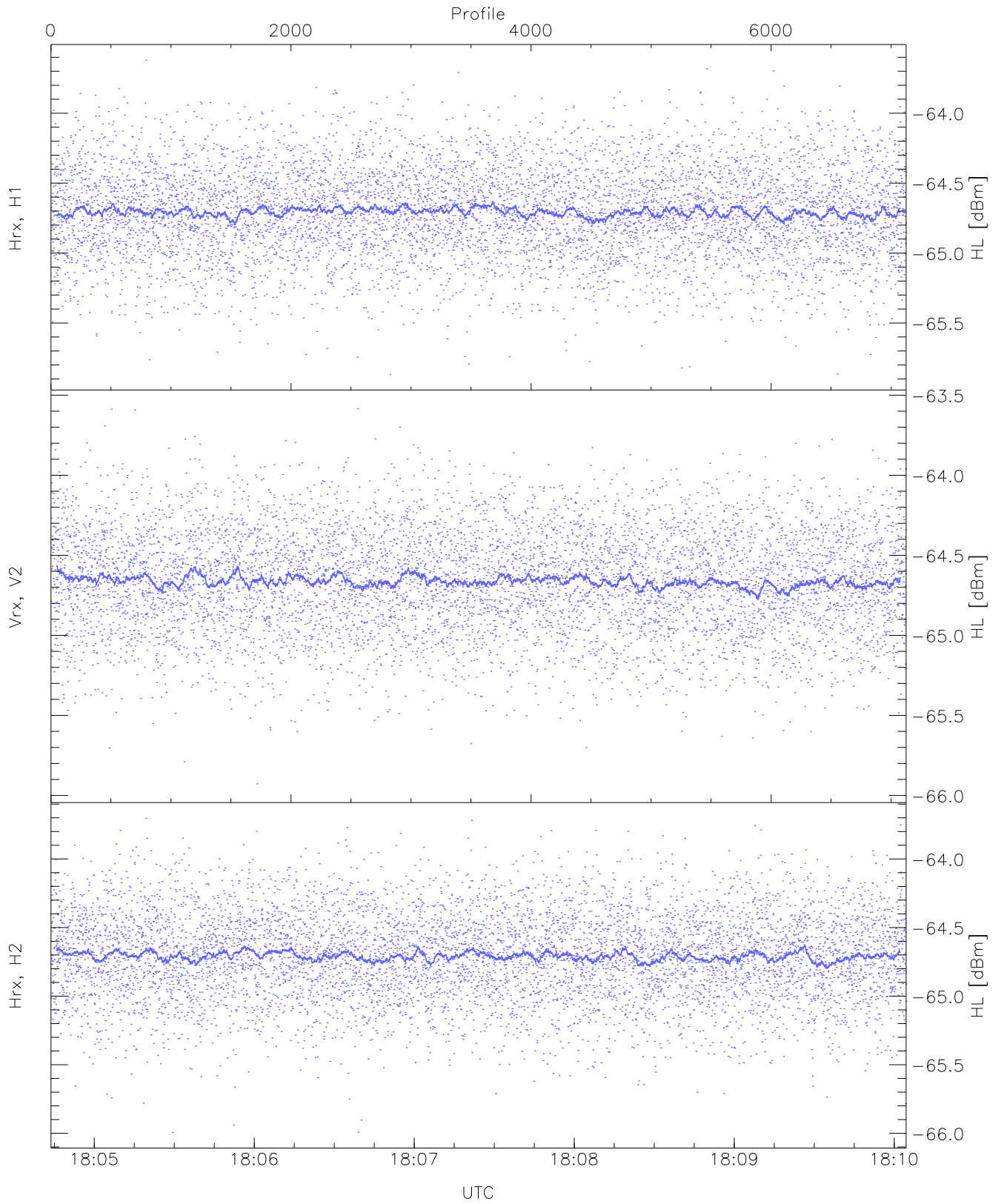
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.18	-65.33	-65.33	-85.95
RMPHrxH1(std_dBm)	-76.06	-74.62	-75.34	-75.35	-89.07
RMPVrxV2(mean_dBm)	-65.03	-64.79	-64.90	-64.90	-86.33
RMPVrxV2(std_dBm)	-75.70	-74.28	-74.92	-74.93	-88.72
RMPHrxH2(mean_dBm)	-65.02	-64.81	-64.92	-64.92	-86.40
RMPHrxH2(std_dBm)	-75.65	-74.28	-74.94	-74.94	-88.67



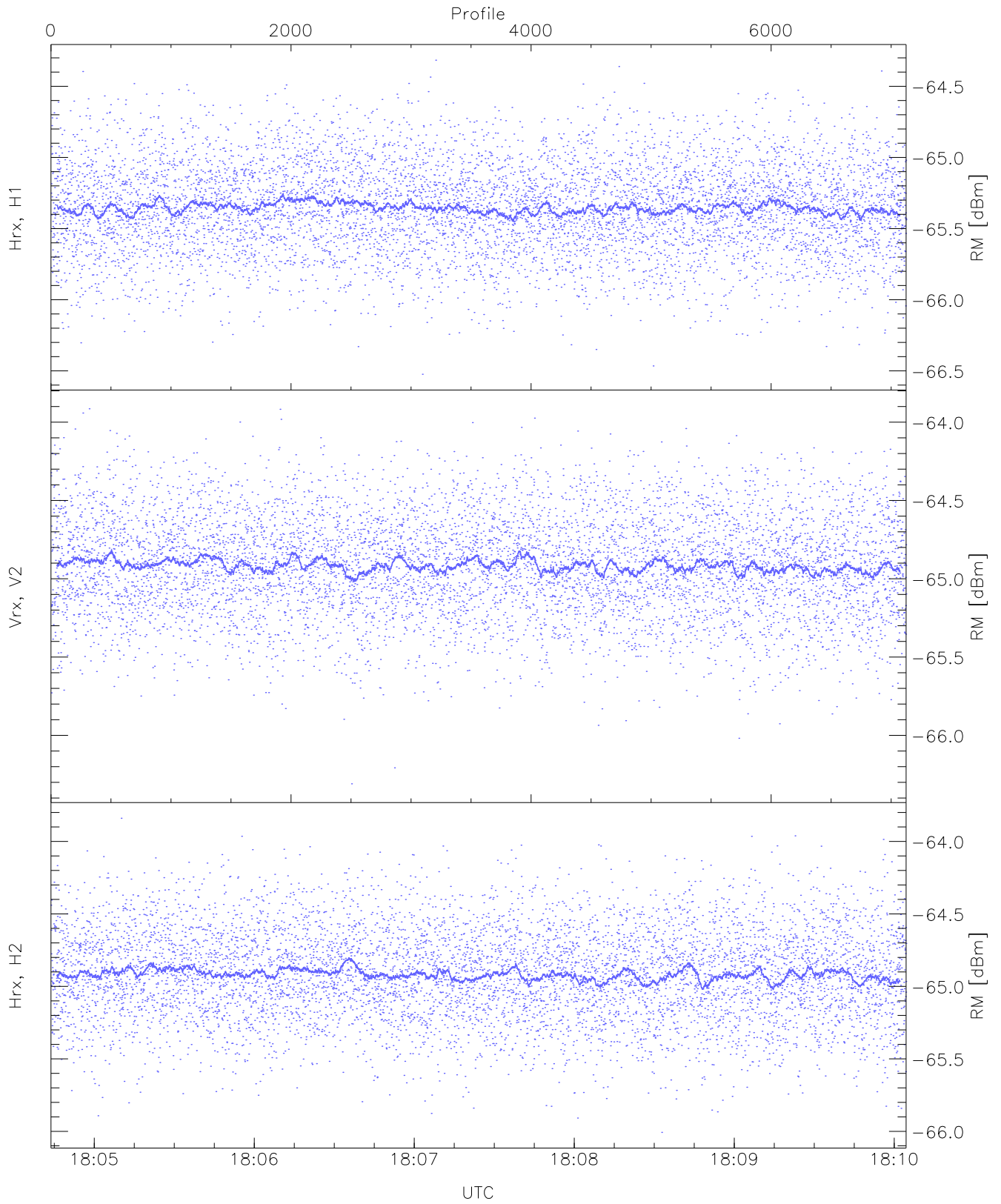
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.22	-63.79	-64.91	-64.92	-76.36
Vrx, V2 (WL [dBm])	-66.06	-63.81	-64.87	-64.88	-76.38
Hrx, H2 (WL [dBm])	-66.05	-63.85	-64.91	-64.91	-76.46



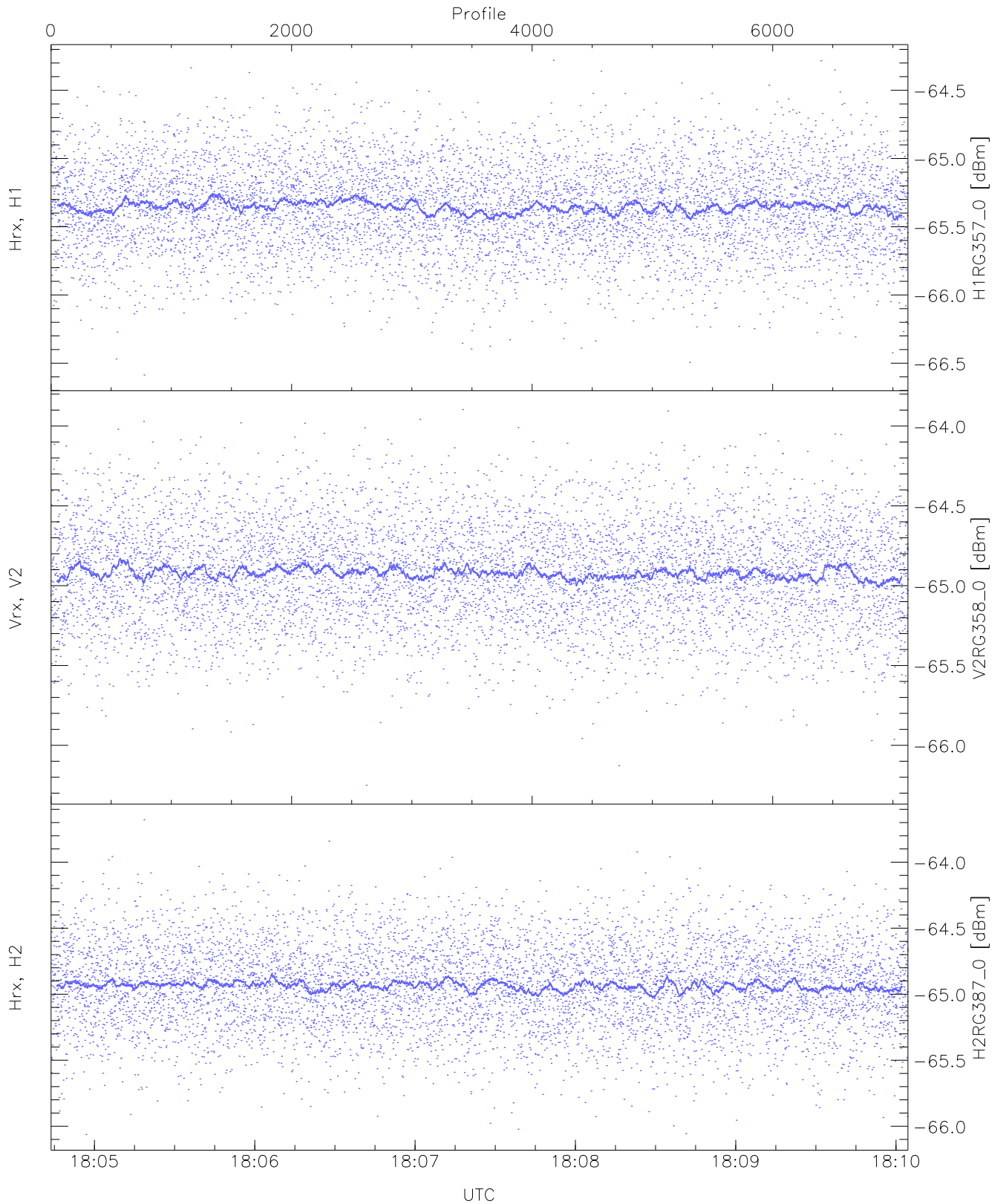
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.87	-63.62	-64.70	-64.71	-76.15
Vrx, V2 (HL [dBm])	-65.93	-63.58	-64.65	-64.66	-76.14
Hrx, H2 (HL [dBm])	-65.99	-63.70	-64.70	-64.70	-76.19



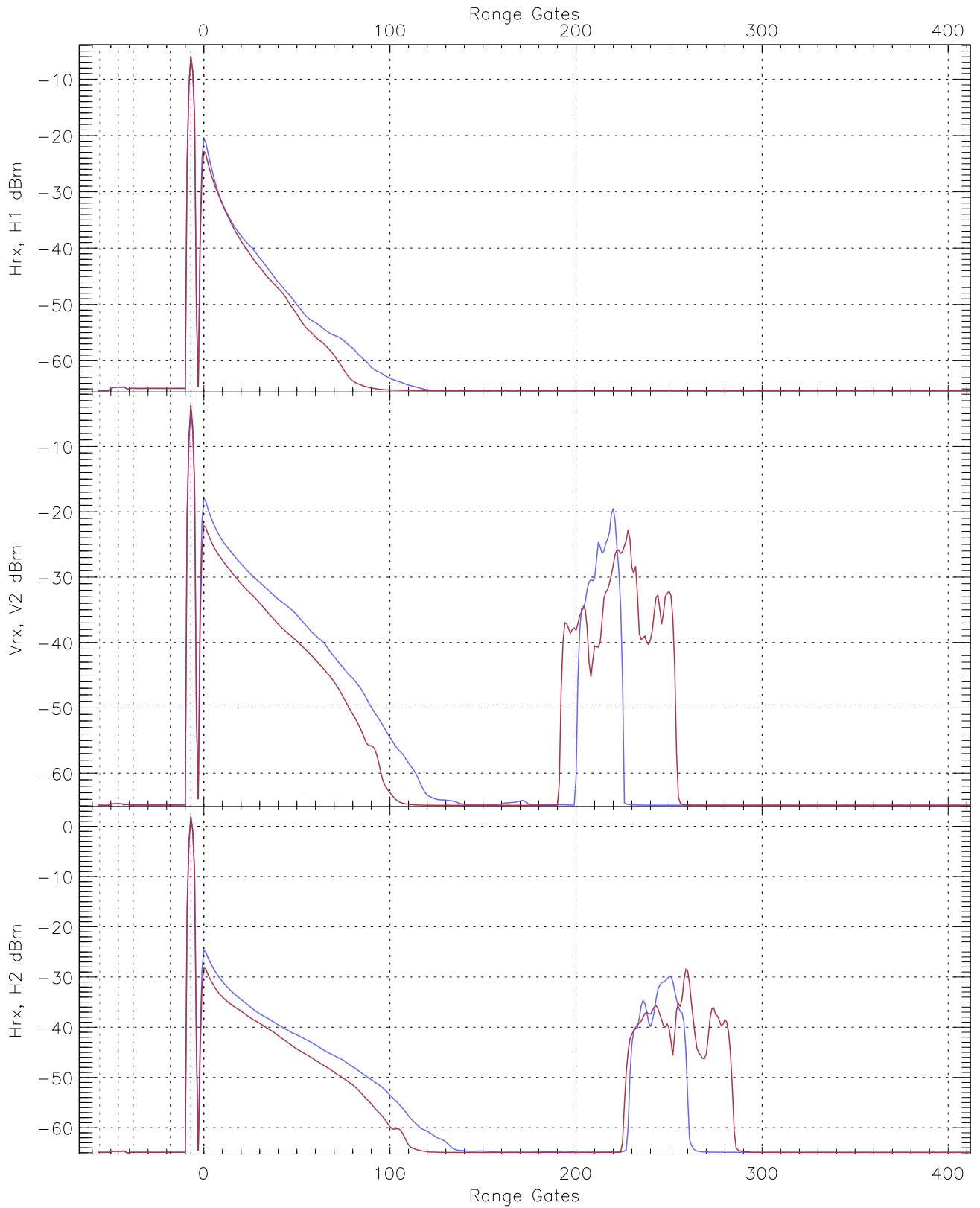
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.52	-64.32	-65.35	-65.36	-76.87
Vrx, V2 (RM [dBm])	-66.31	-63.91	-64.91	-64.92	-76.42
Hrx, H2 (RM [dBm])	-66.01	-63.84	-64.91	-64.92	-76.47

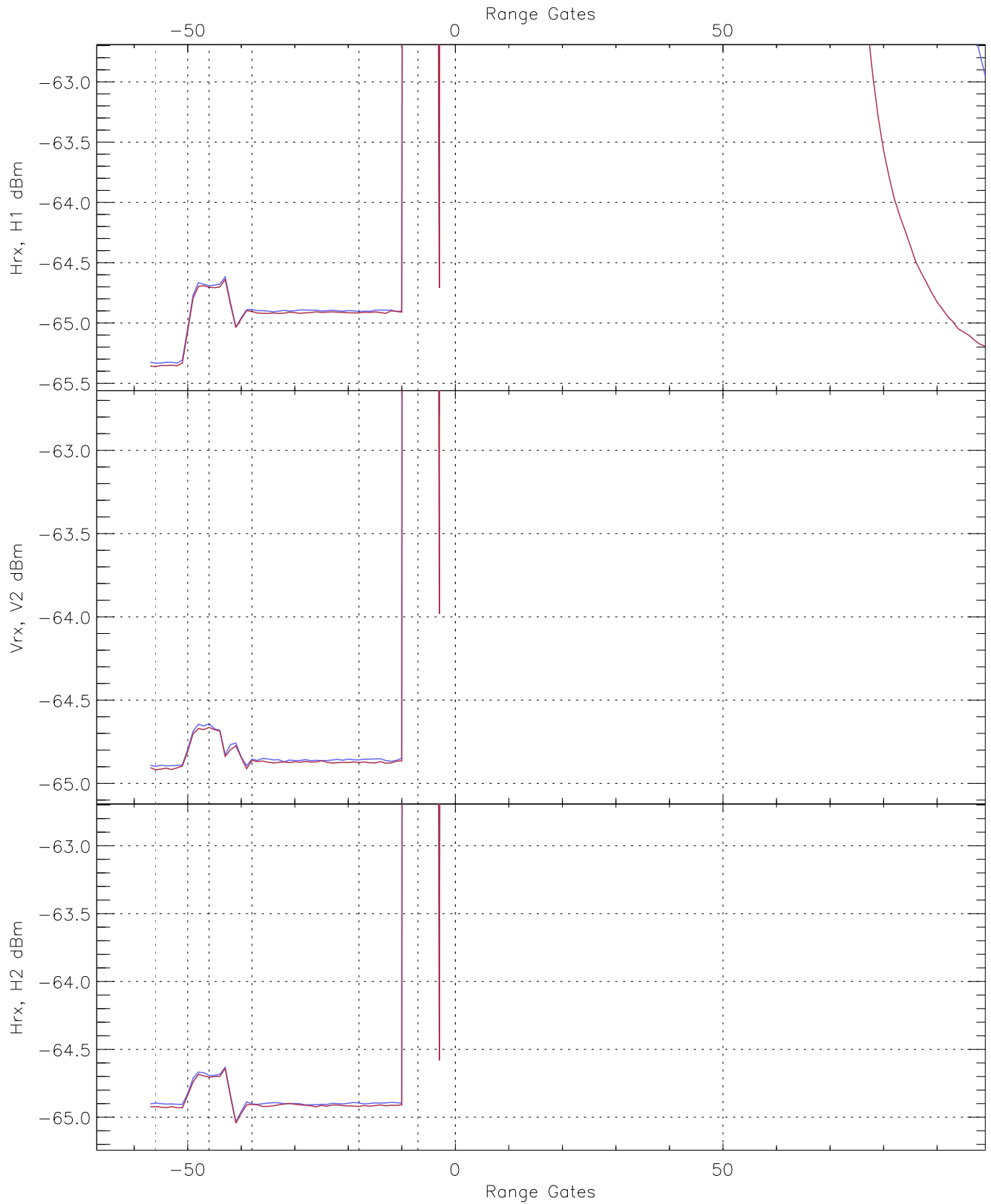


WCR3 CPP "Best" estimate Receivers Noise Power

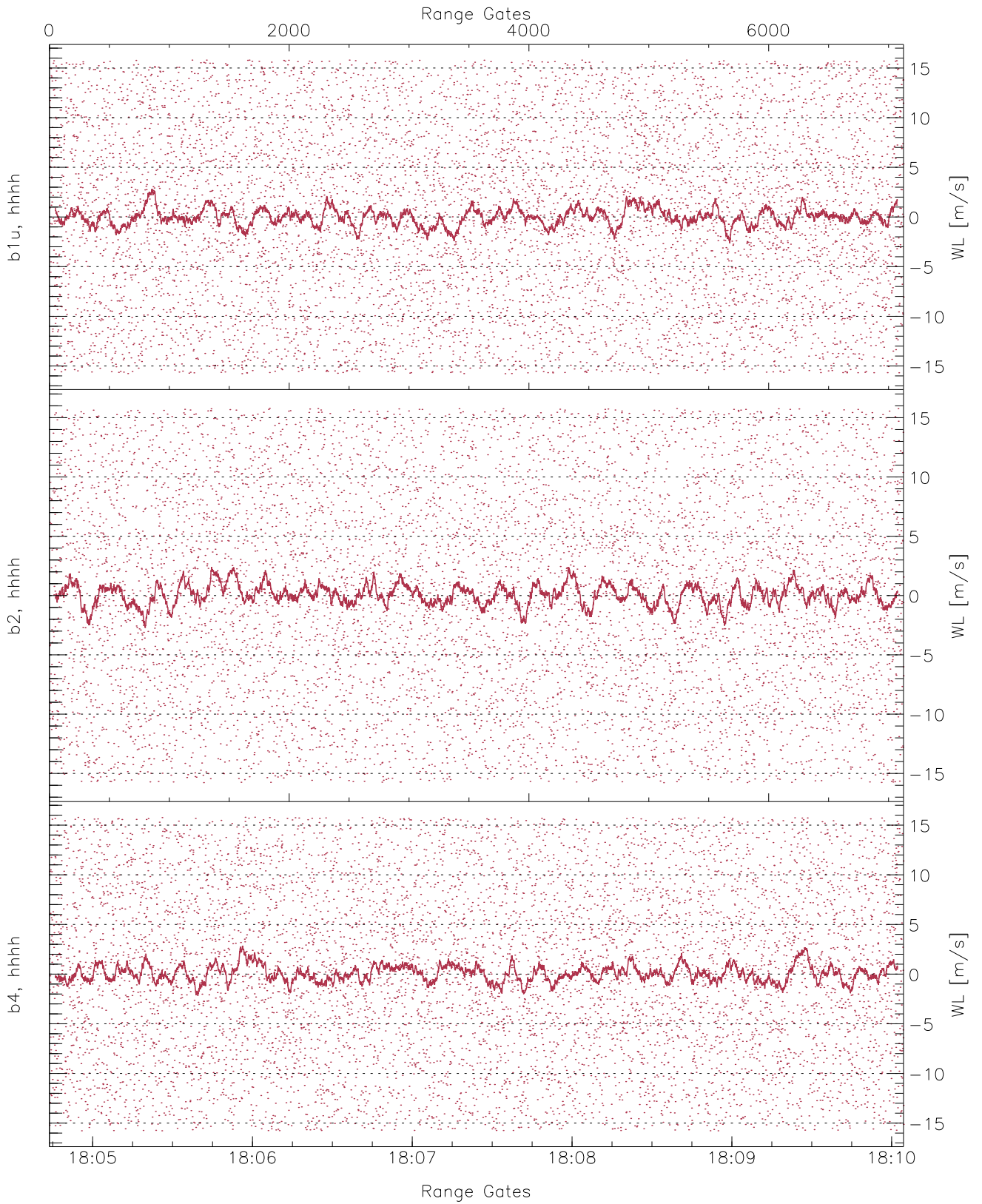
	Min	Max	Mean	Median	StDev
H1RG357_0 [dBm]	-66.59	-64.28	-65.35	-65.35	-76.88
V2RG358_0 [dBm]	-66.25	-63.90	-64.91	-64.92	-76.49
H2RG387_0 [dBm]	-66.06	-63.68	-64.93	-64.93	-76.44



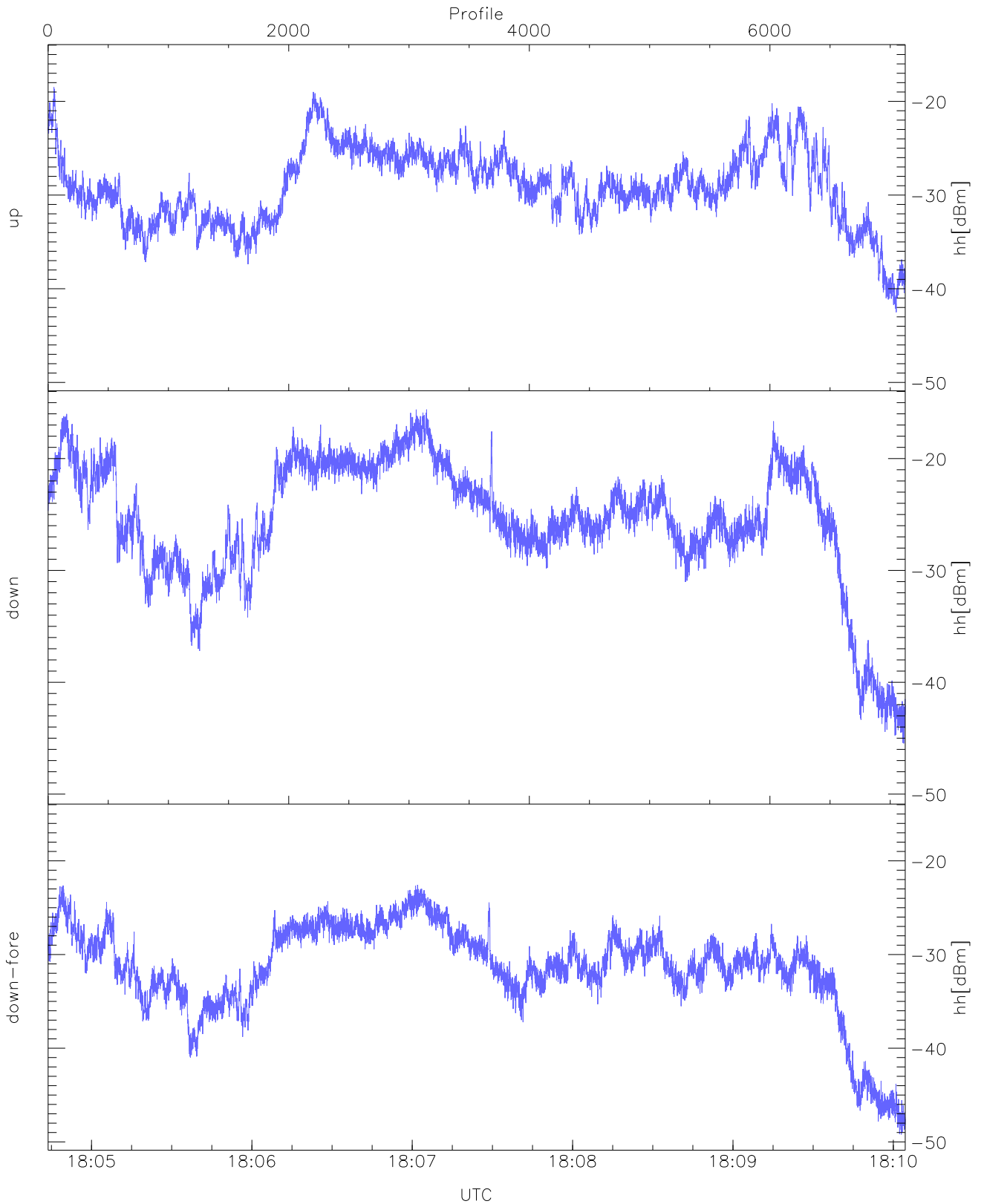
WCR3 CPP Averaged Received power for all recorded gates
blue: 180444-180724, 3564 profiles averaged
red: 180724-181004, 3563 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 180444-180724, 3564 profiles averaged
red: 180724-181004, 3563 profiles averaged

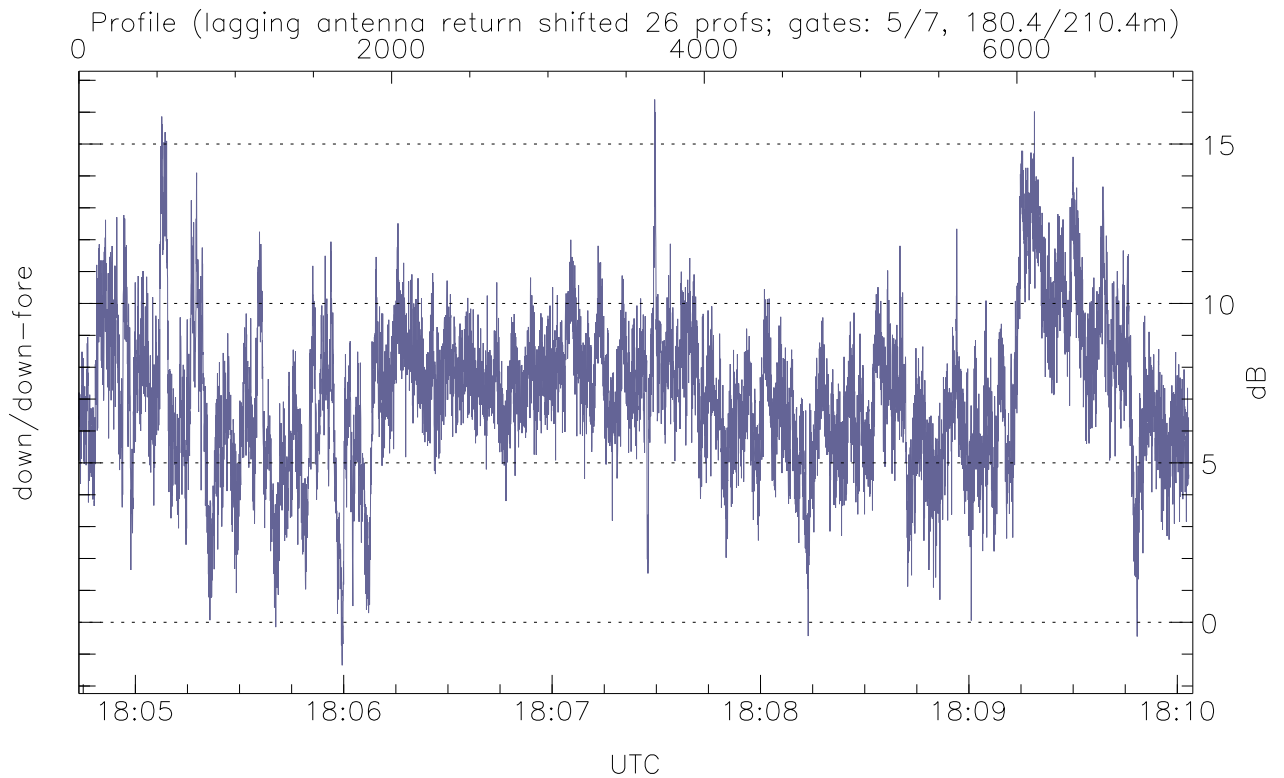
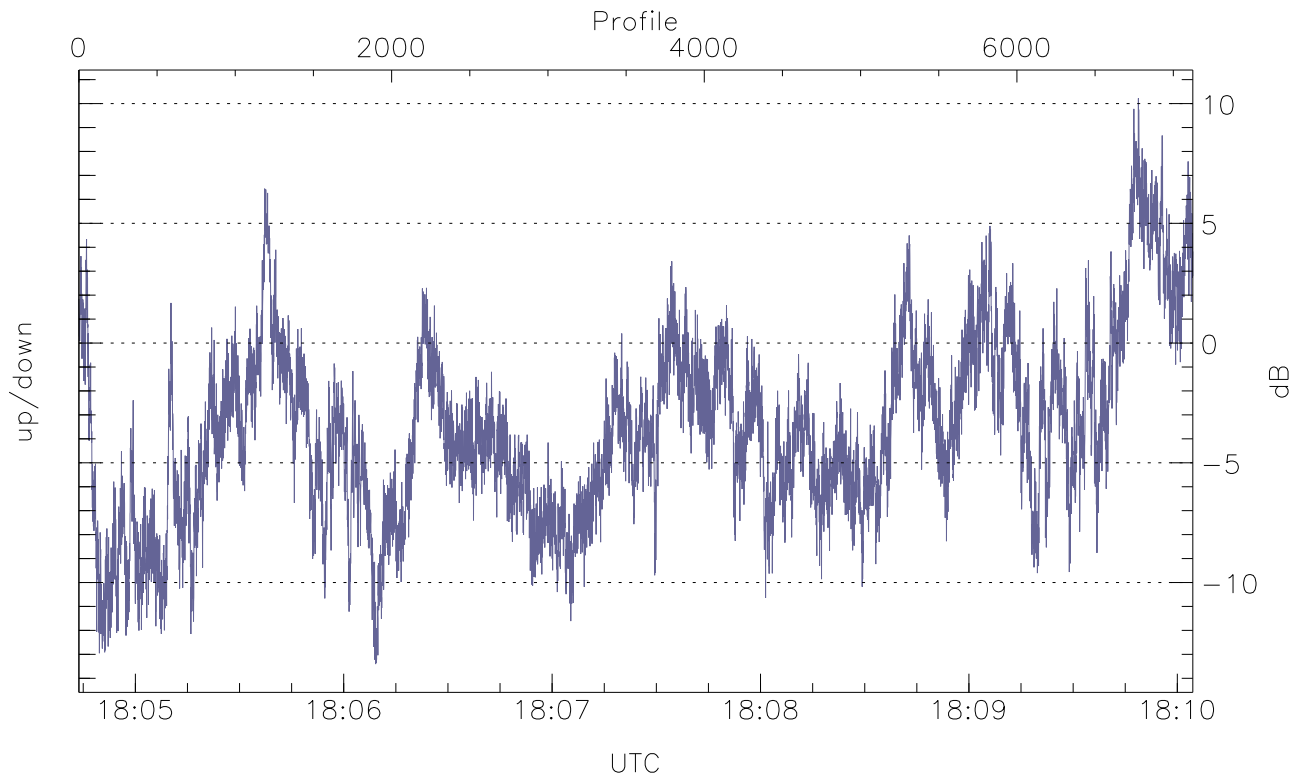


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



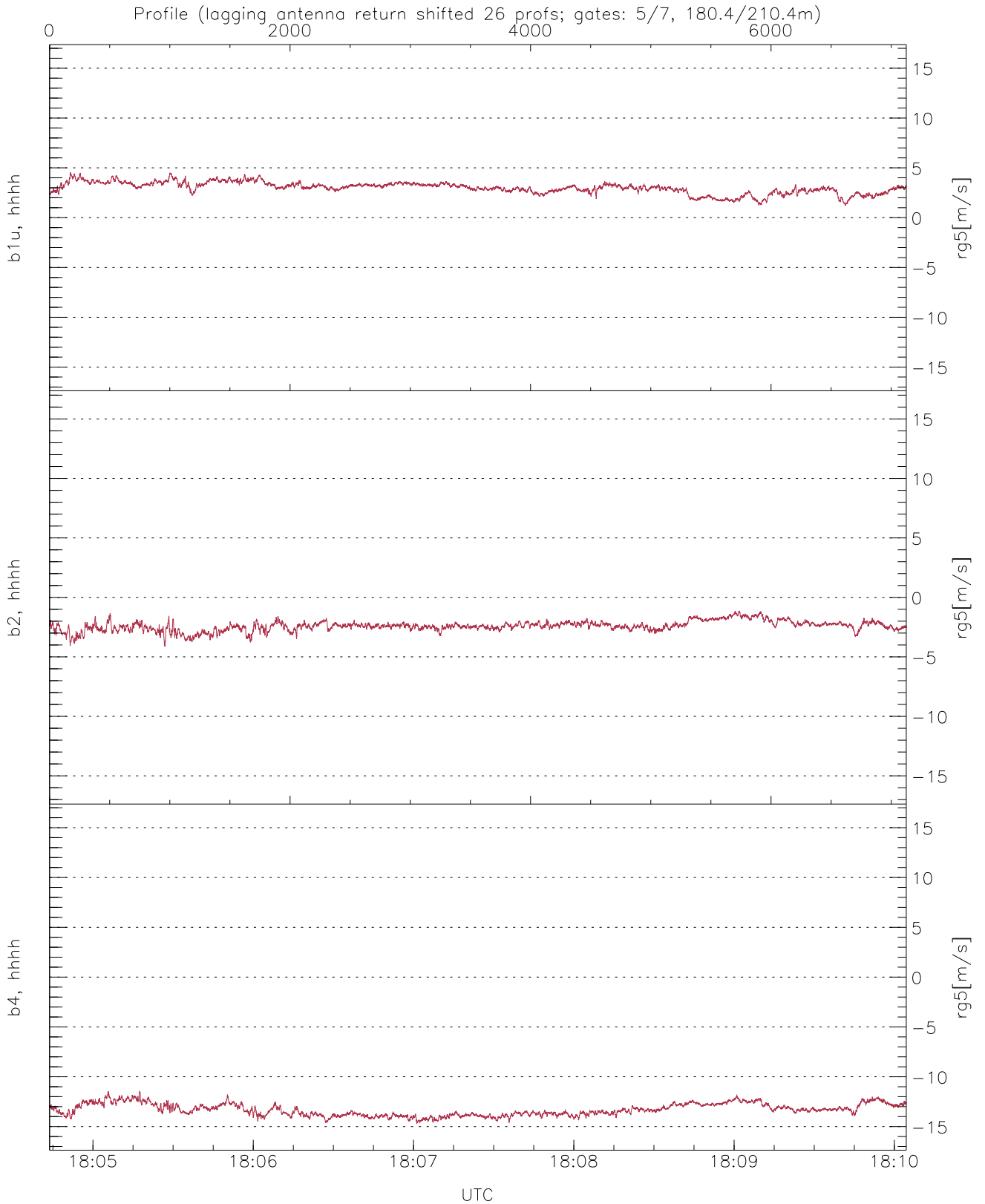
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-42.51	-18.49	-27.45
down(hh[dBm])	-45.46	-15.61	-23.08
down-fore(hh[dBm])	-49.21	-22.56	-29.54



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

	Min	Max	Mean
up/down (dB)	-13.41	10.22	-3.57
down/down-fore (dB)	-1.35	16.40	7.13



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.21	4.55	2.98	0.58
b2, hhhh(rg5[m/s])	-4.12	-1.13	-2.41	0.42
b4, hhhh(rg5[m/s])	-14.70	-11.43	-13.31	0.60