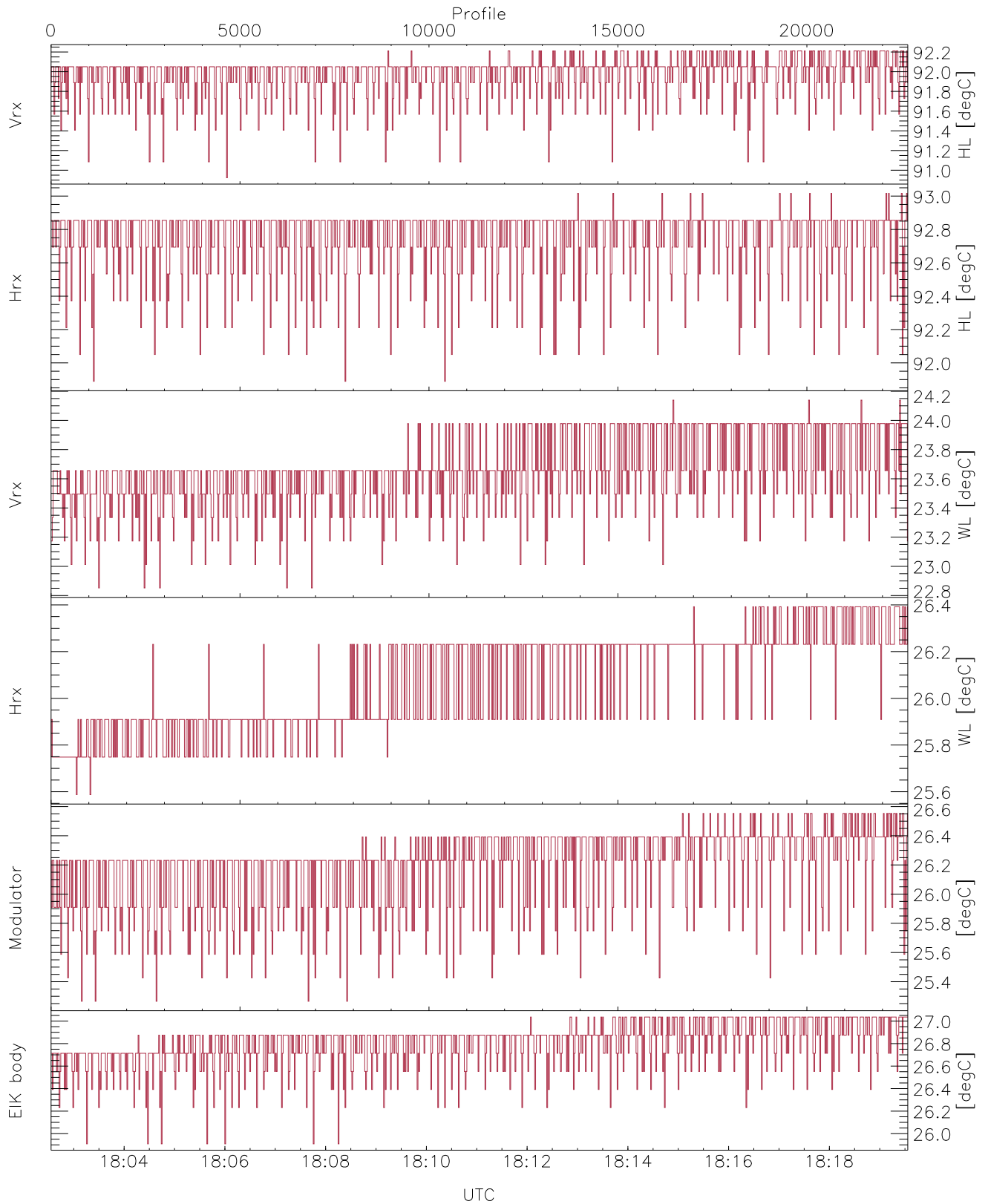


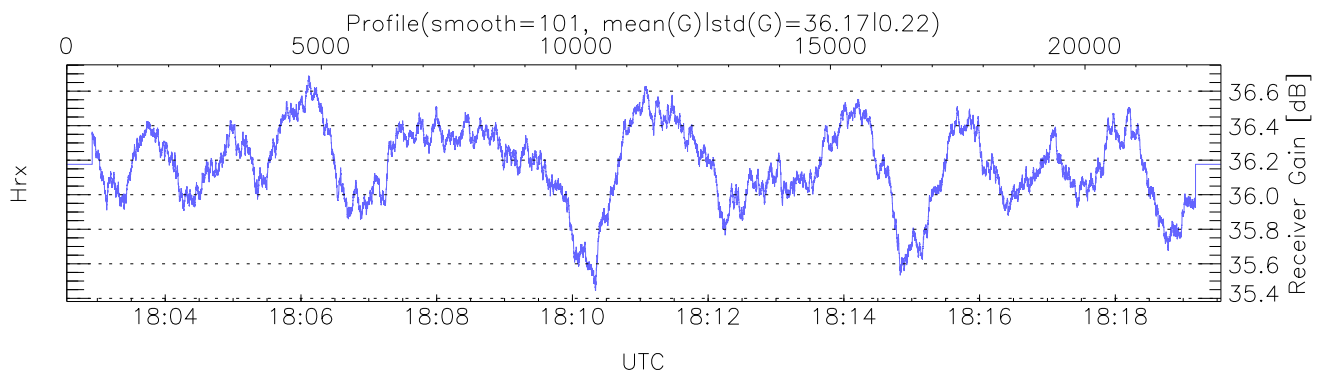
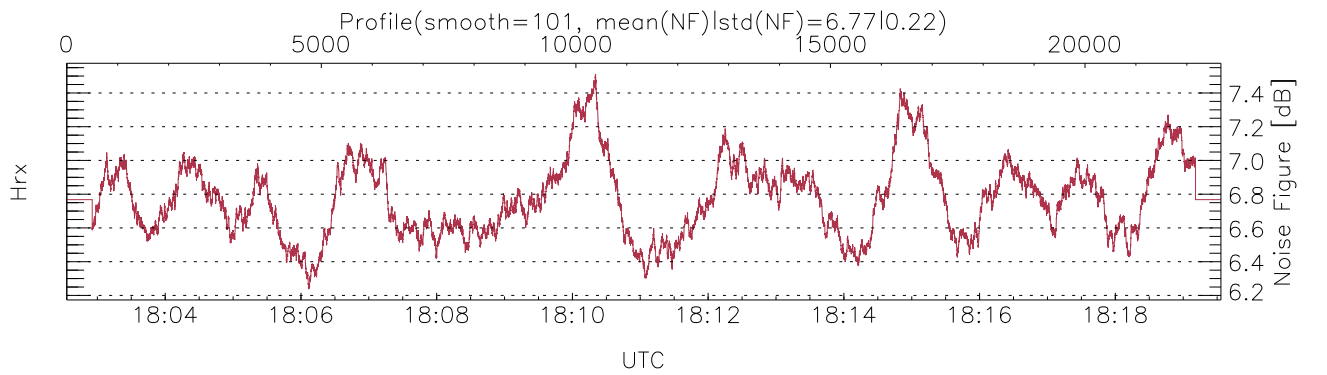
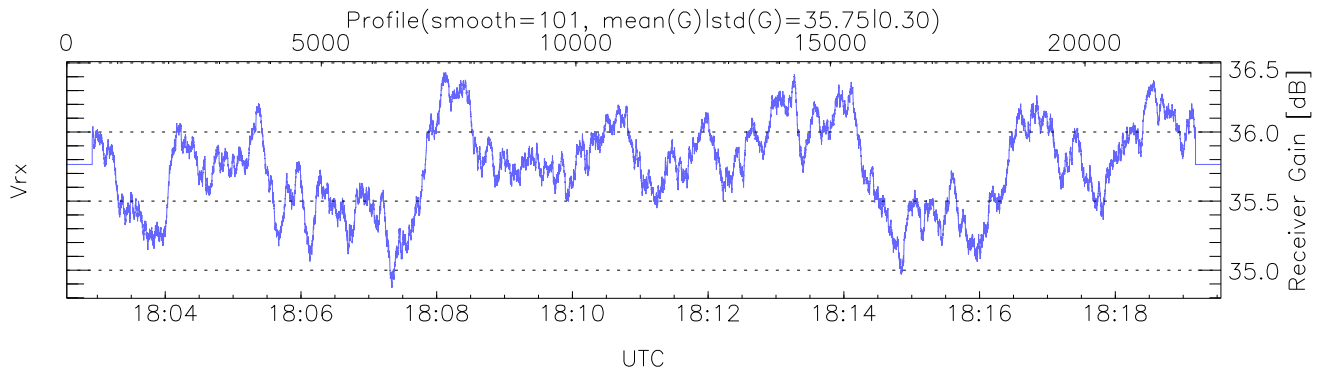
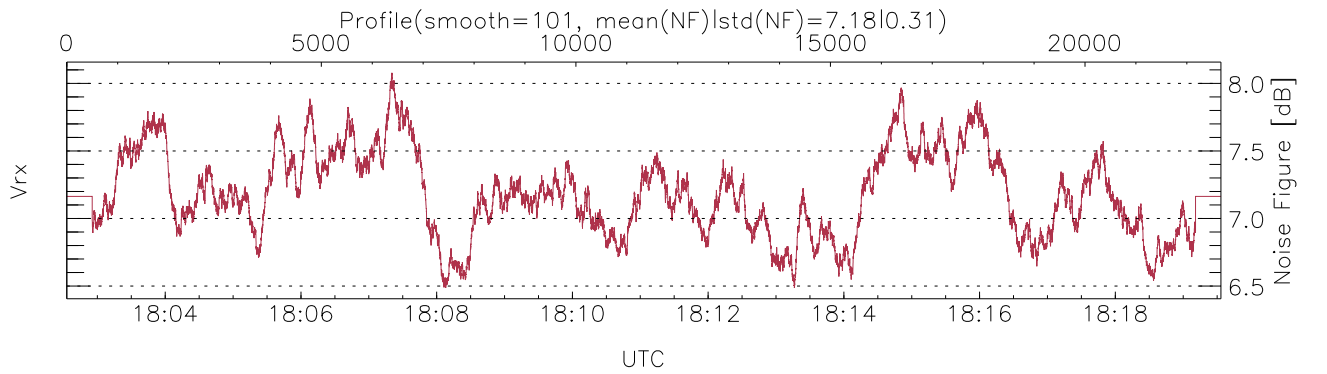
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:02:33-18:19:33, TimeCor: 0.00s, Dur: 1020.45s
 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): 22672/22672, 0-22671/18:02:33-18:19:33
 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



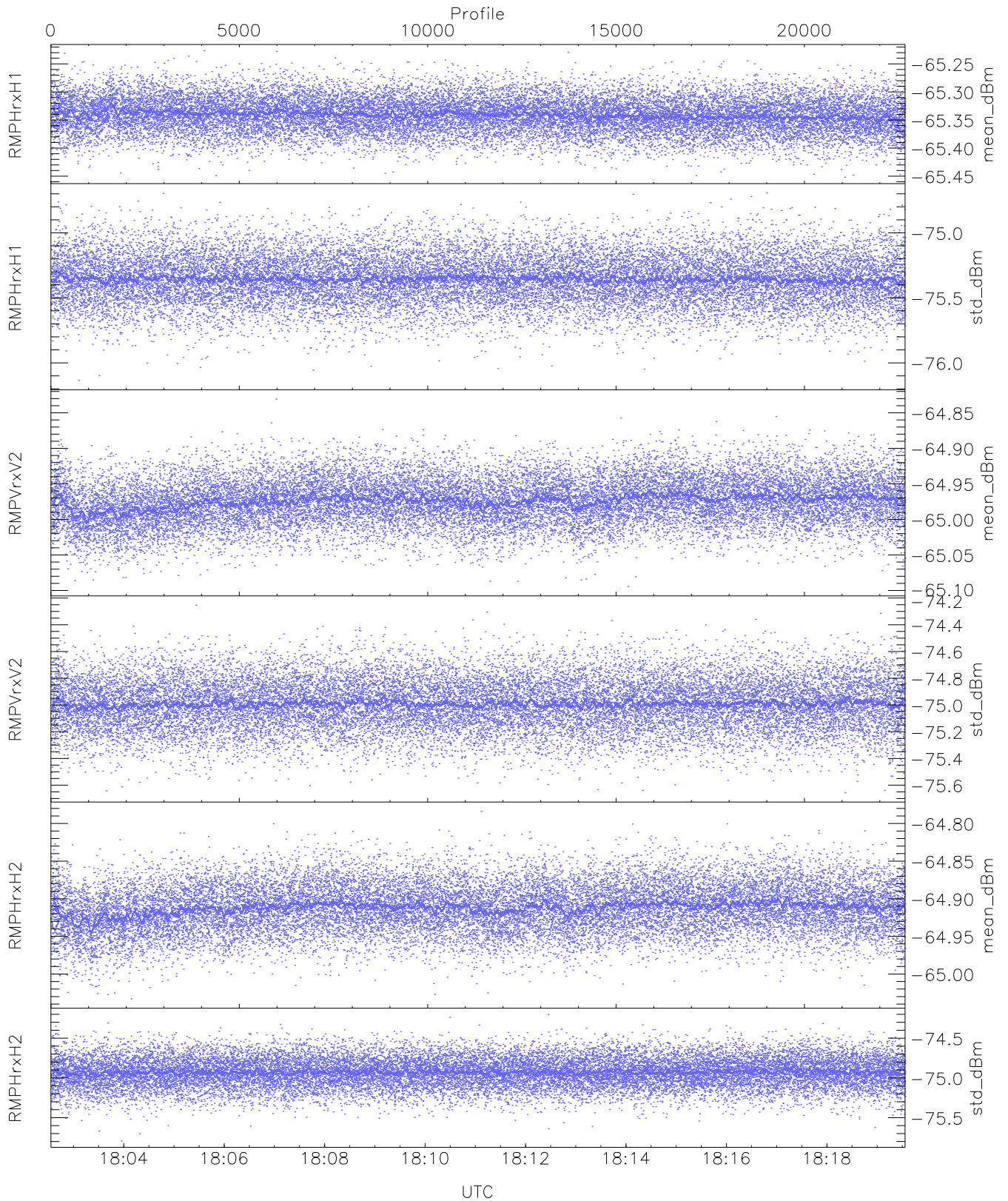
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,26,27
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



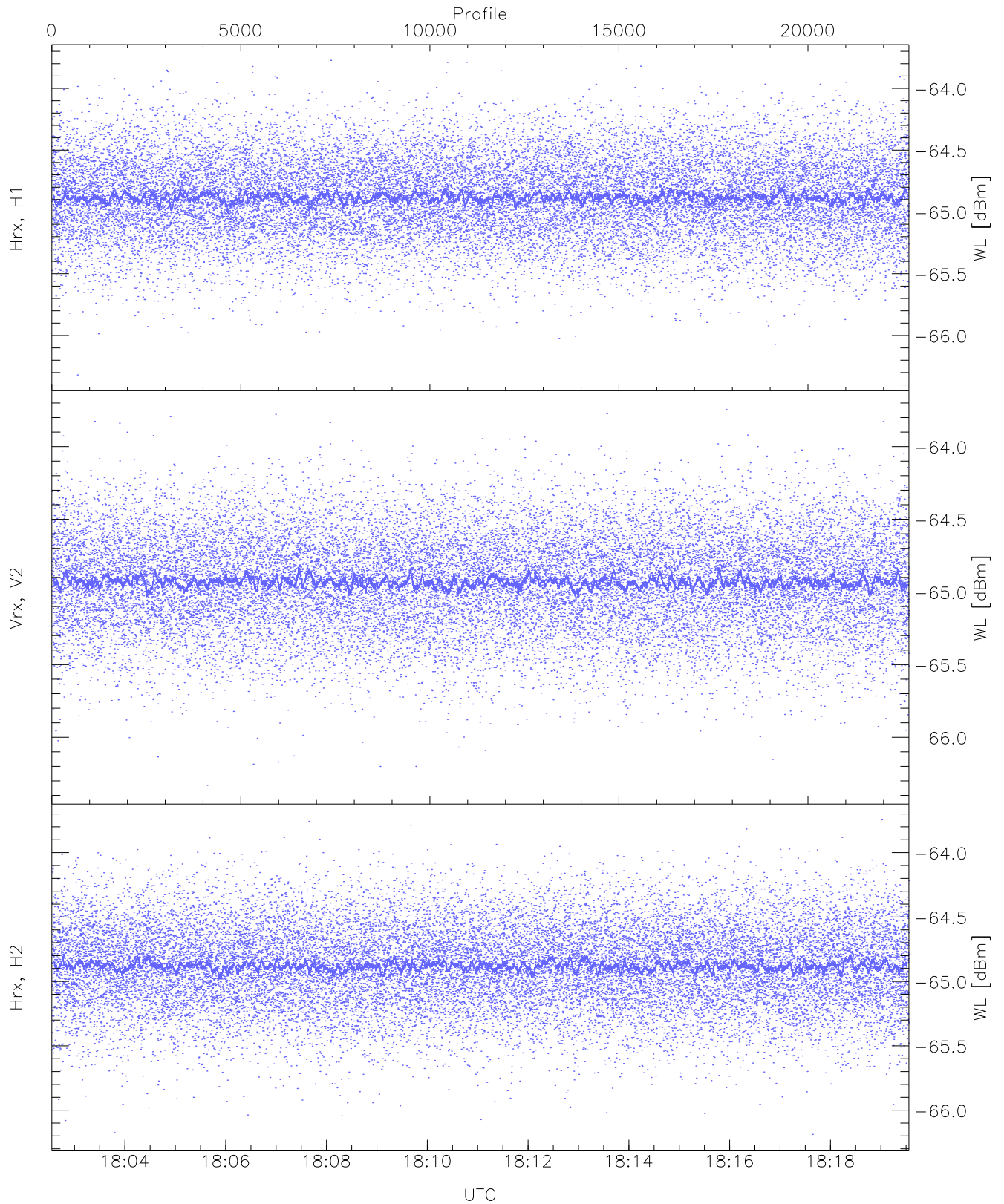
WCR3 CPP Receivers Gain and Noise Figure

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



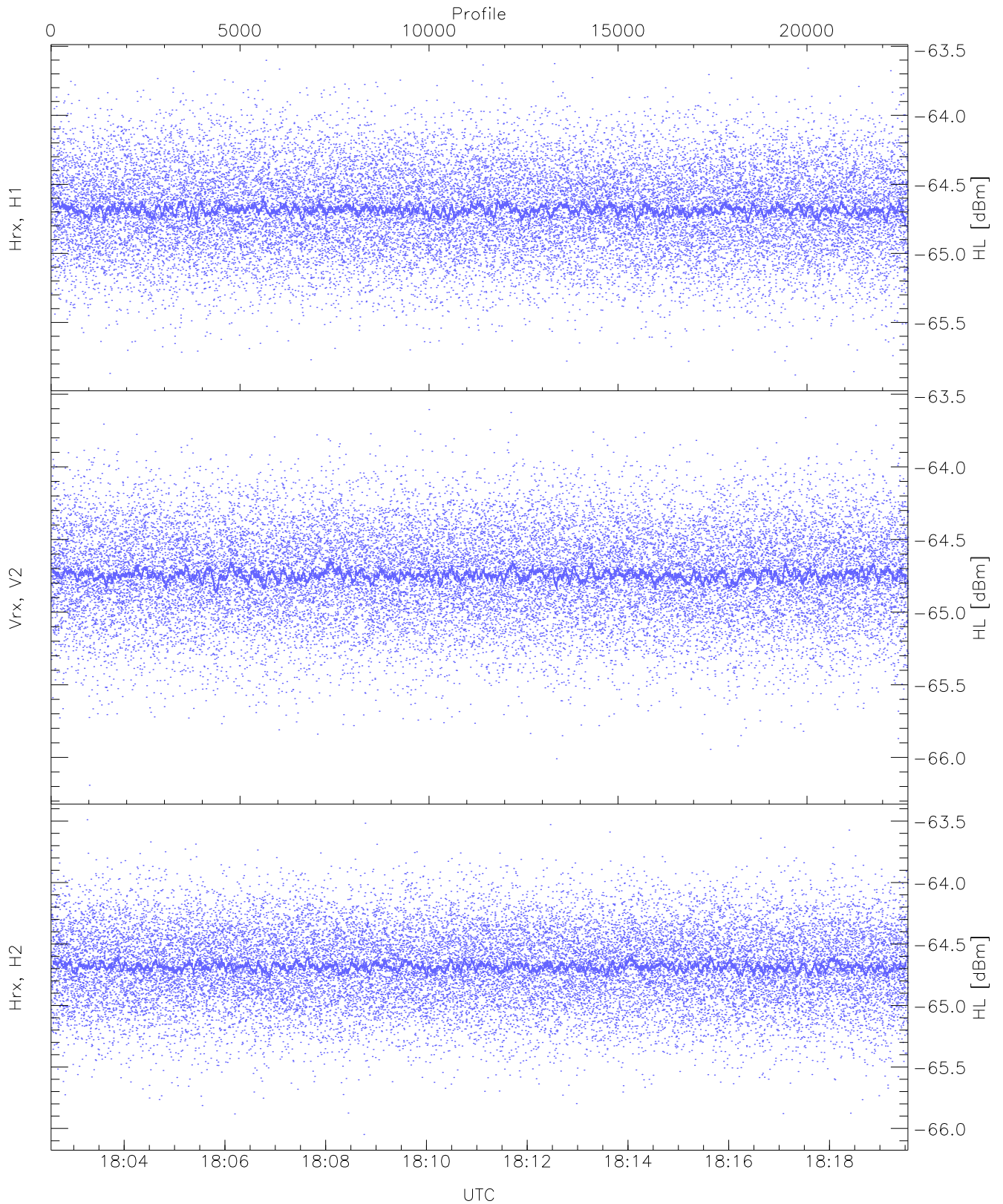
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.45	-65.23	-65.34	-65.34	-86.95
RMPHrxH1(std_dBm)	-76.13	-74.69	-75.36	-75.36	-89.18
RMPVrxV2(mean_dBm)	-65.09	-64.83	-64.97	-64.97	-86.41
RMPVrxV2(std_dBm)	-75.66	-74.25	-74.99	-74.99	-88.78
RMPHrxH2(mean_dBm)	-65.03	-64.78	-64.91	-64.91	-86.42
RMPHrxH2(std_dBm)	-75.79	-74.20	-74.93	-74.93	-88.74



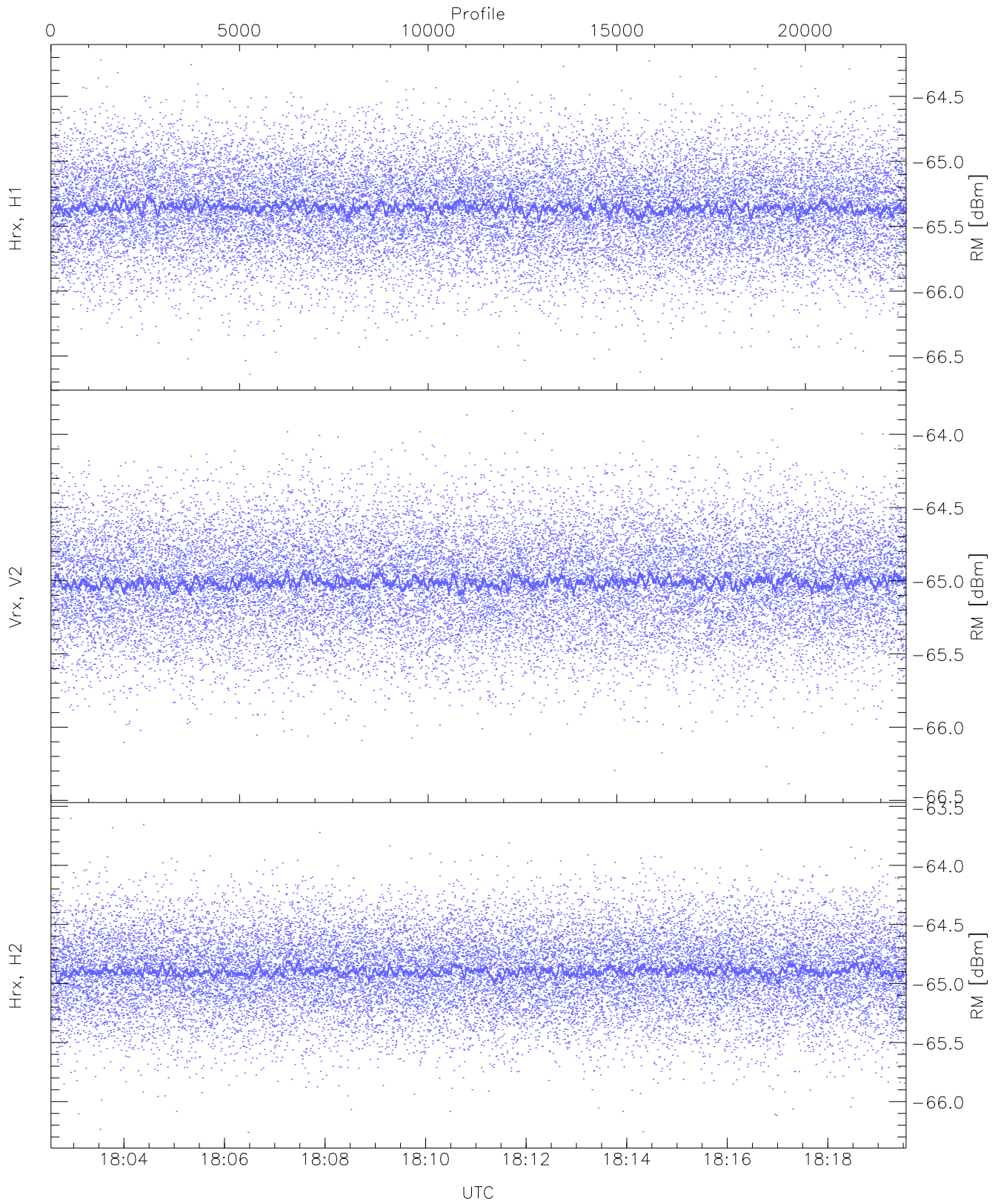
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.32	-63.77	-64.88	-64.88	-76.38
Vrx, V2 (WL [dBm])	-66.33	-63.74	-64.92	-64.93	-76.41
Hrx, H2 (WL [dBm])	-66.19	-63.75	-64.87	-64.88	-76.40



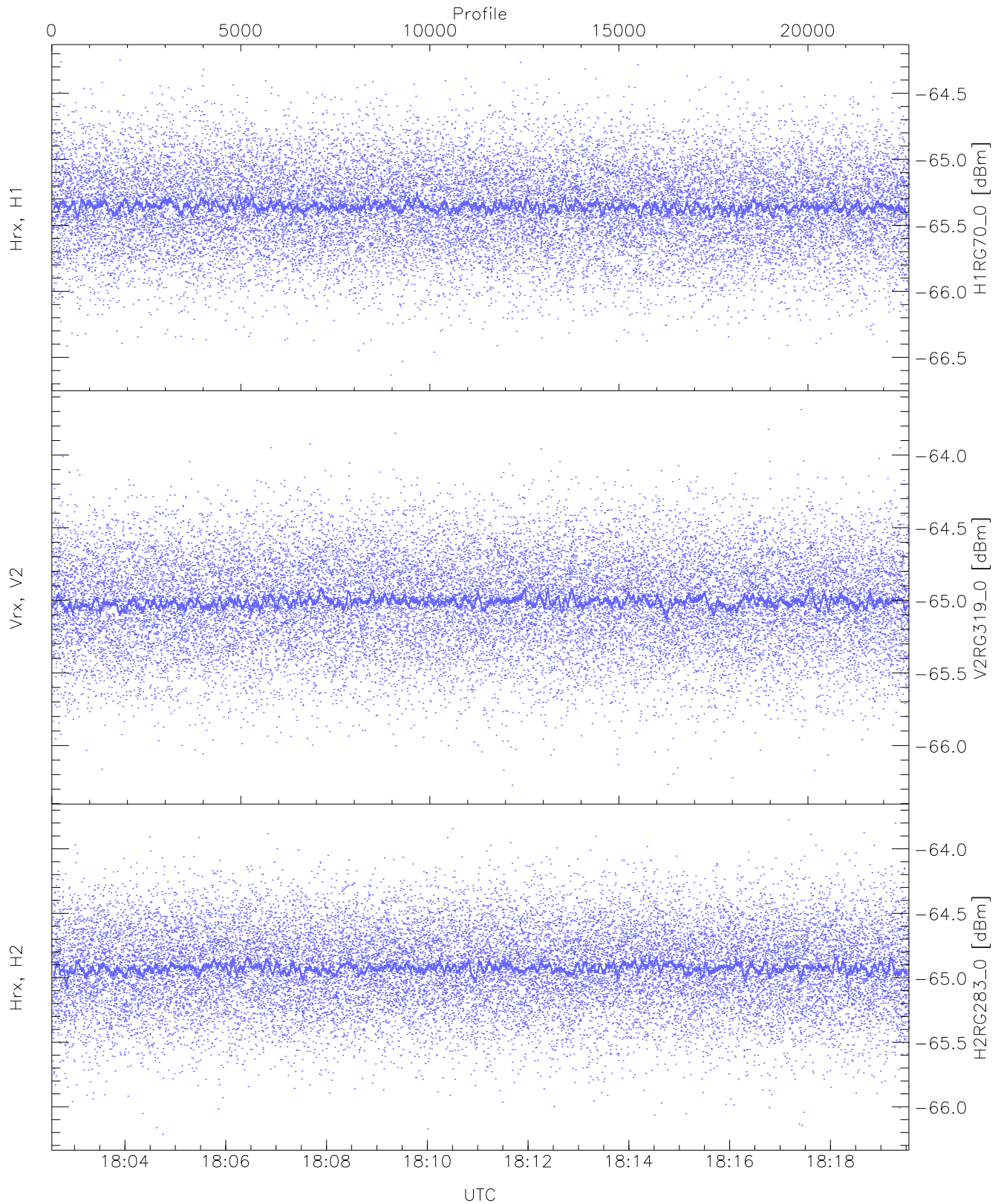
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.88	-63.60	-64.68	-64.68	-76.22
Vrx, V2 (HL [dBm])	-66.19	-63.61	-64.74	-64.74	-76.24
Hrx, H2 (HL [dBm])	-66.05	-63.49	-64.68	-64.68	-76.18



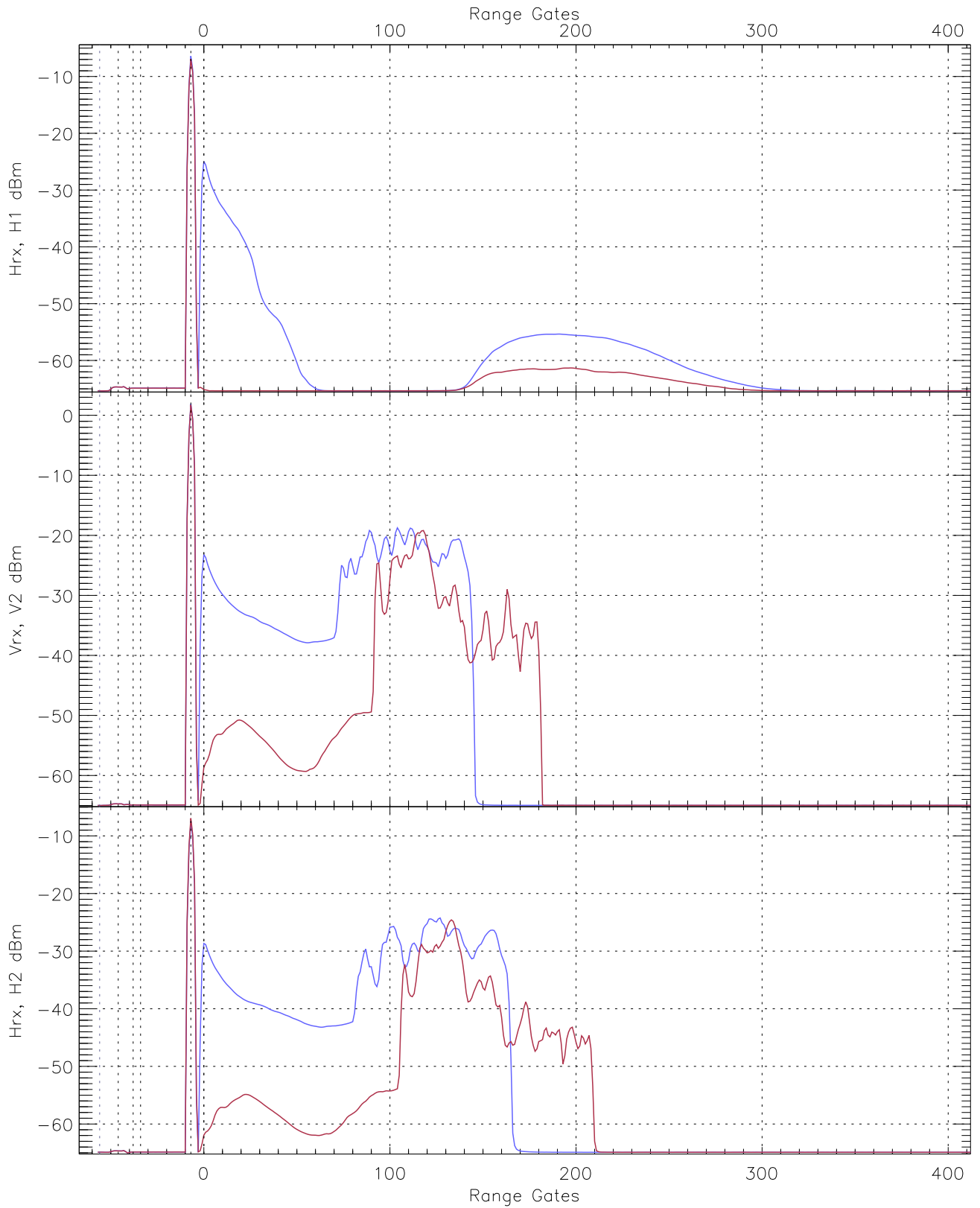
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.64	-64.22	-65.35	-65.36	-76.85
Vrx, V2 (RM [dBm])	-66.39	-63.83	-65.00	-65.01	-76.52
Hrx, H2 (RM [dBm])	-66.26	-63.60	-64.89	-64.90	-76.38

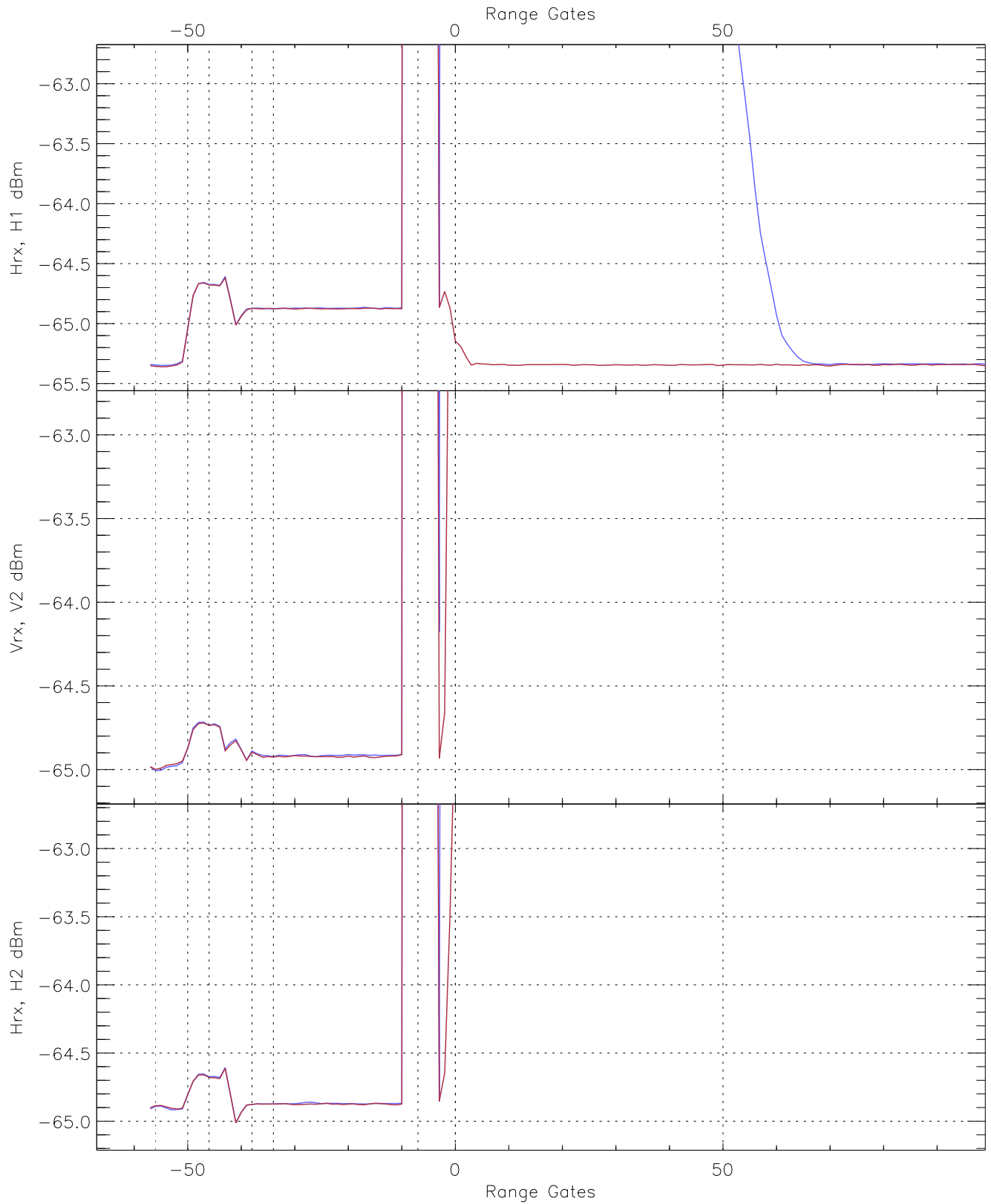


WCR3 CPP "Best" estimate Receivers Noise Power

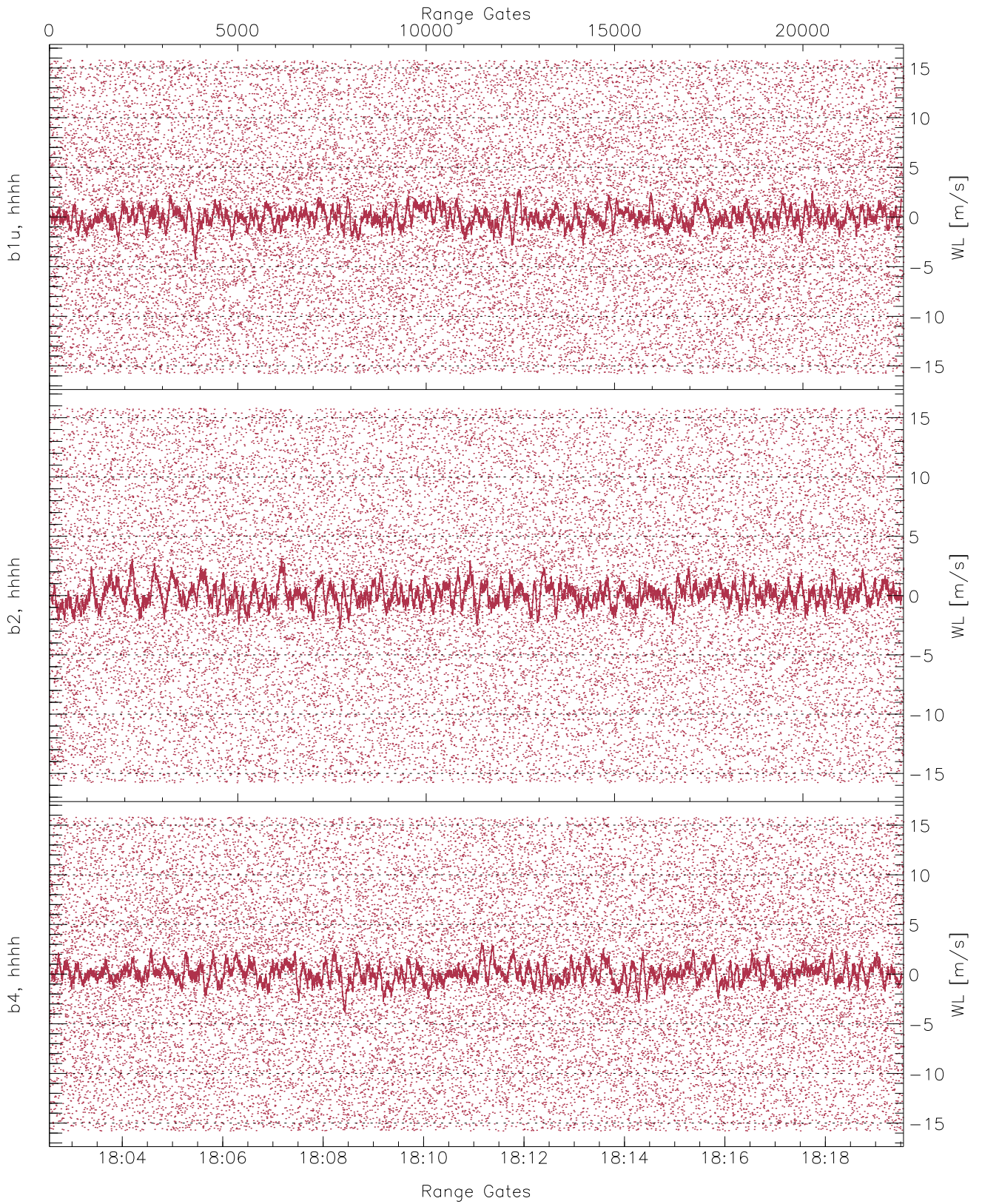
	Min	Max	Mean	Median	StDev
H1RG70_0 [dBm]	-66.63	-64.25	-65.35	-65.36	-76.85
V2RG319_0 [dBm]	-66.27	-63.69	-65.00	-65.01	-76.49
H2RG283_0 [dBm]	-66.21	-63.77	-64.92	-64.92	-76.43



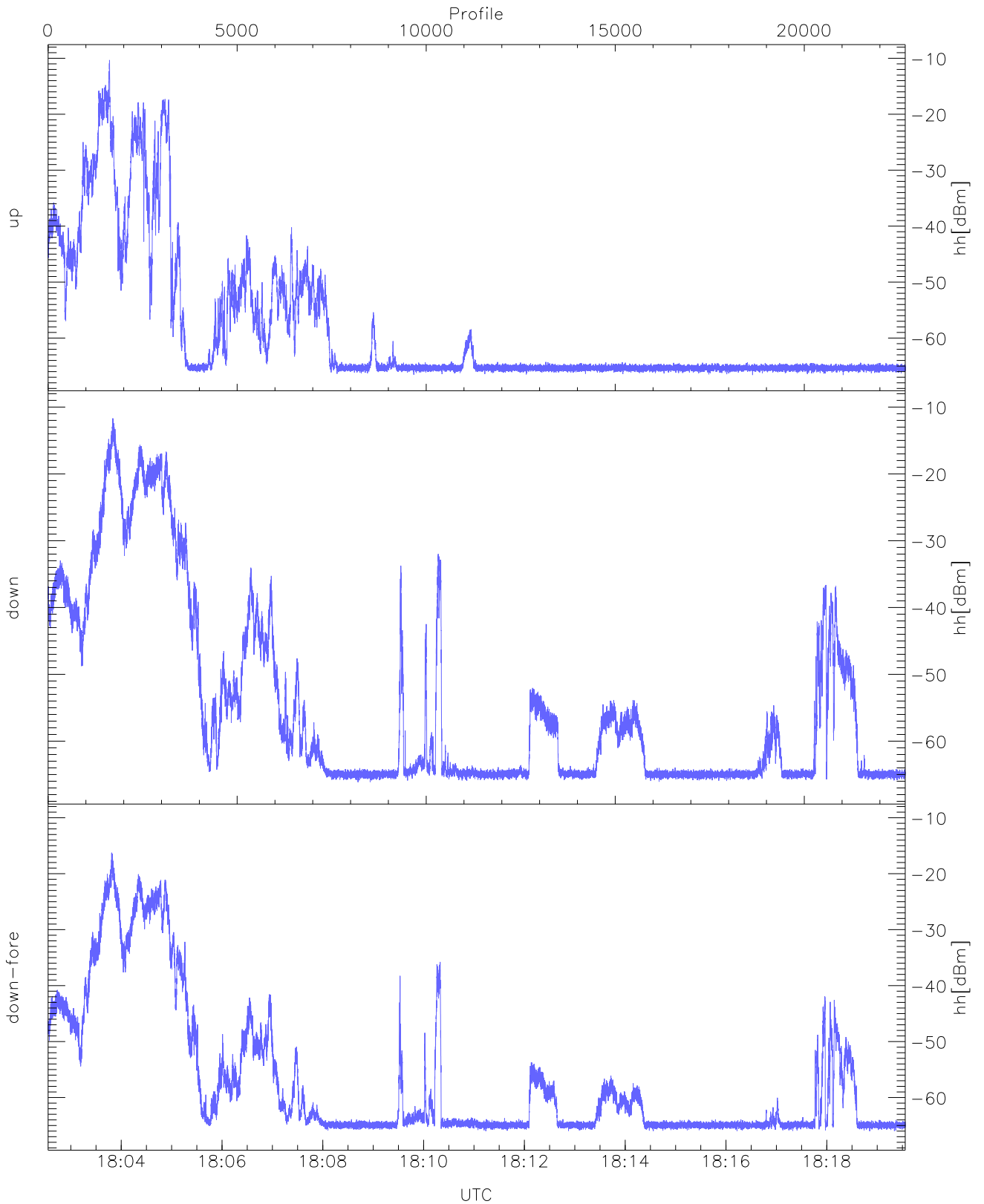
WCR3 CPP Averaged Received power for all recorded gates
blue: 180233-181103, 11337 profiles averaged
red: 181103-181933, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 180233-181103, 11337 profiles averaged
red: 181103-181933, 11336 profiles averaged

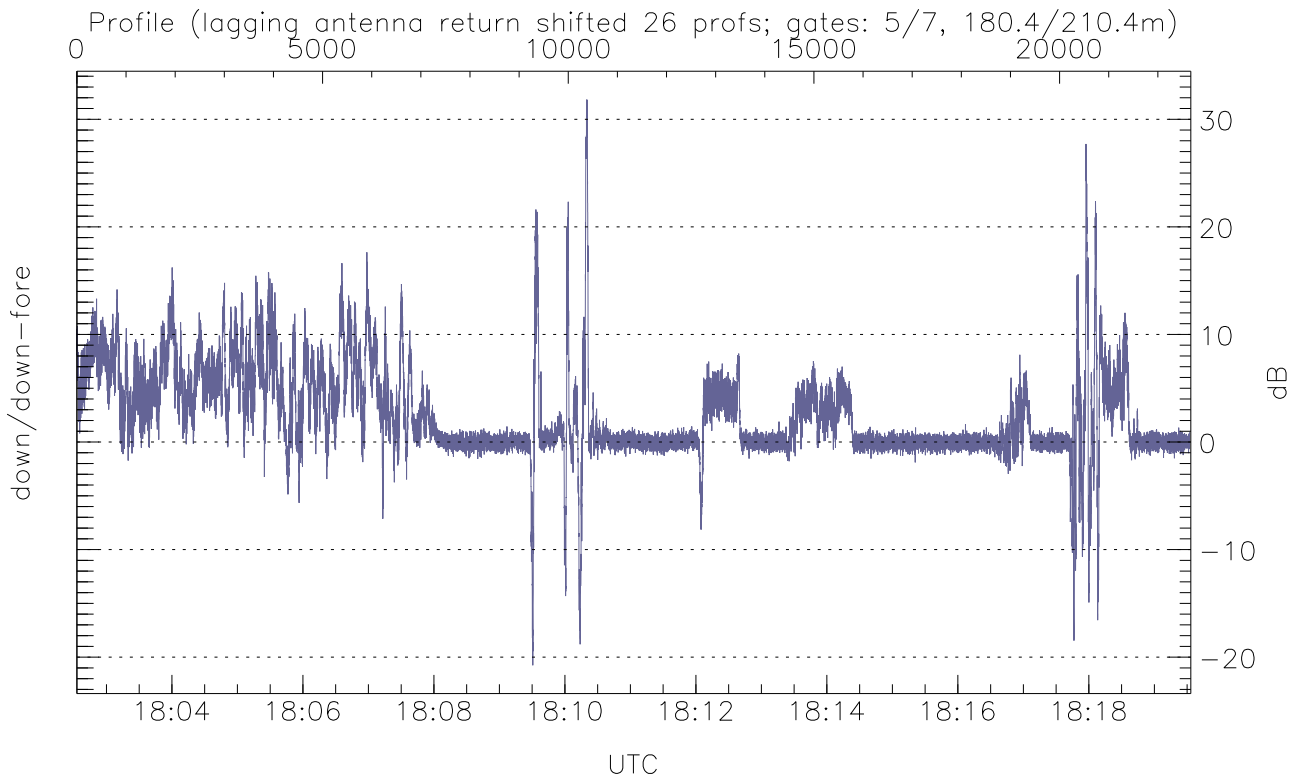
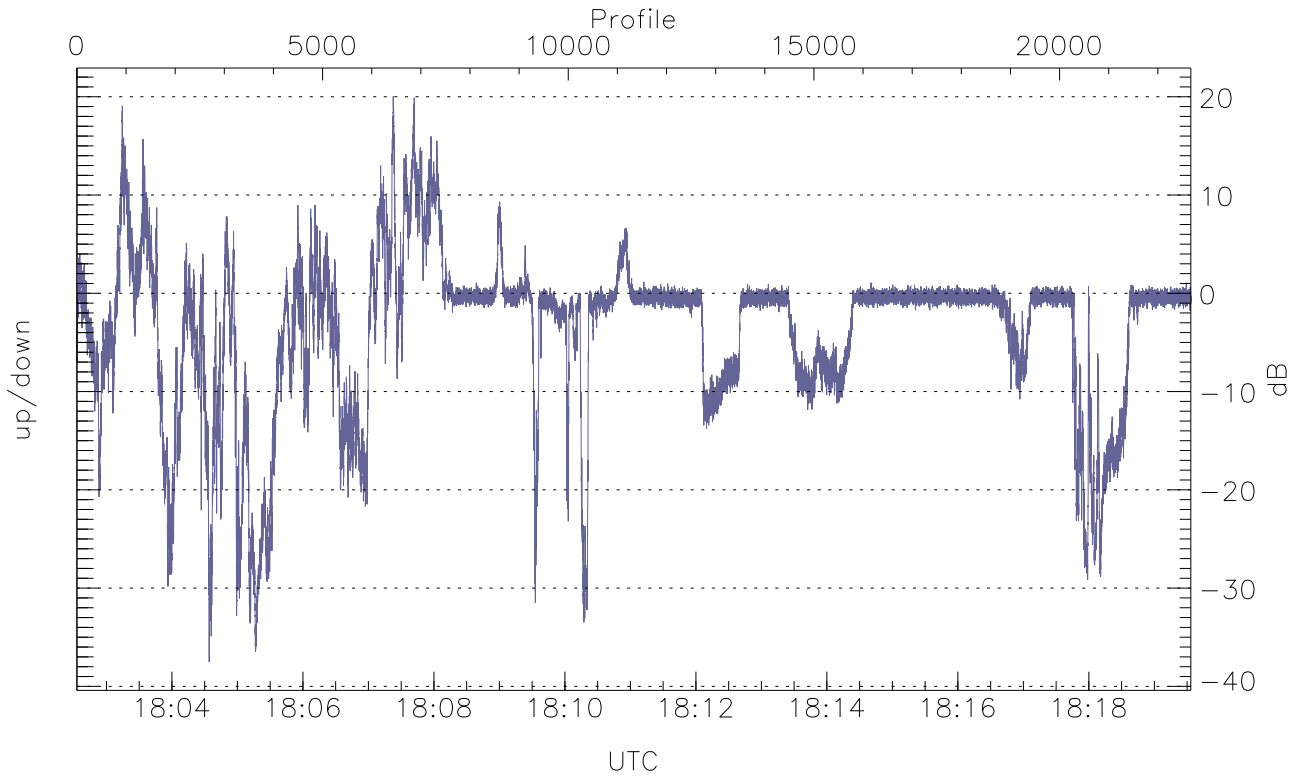


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



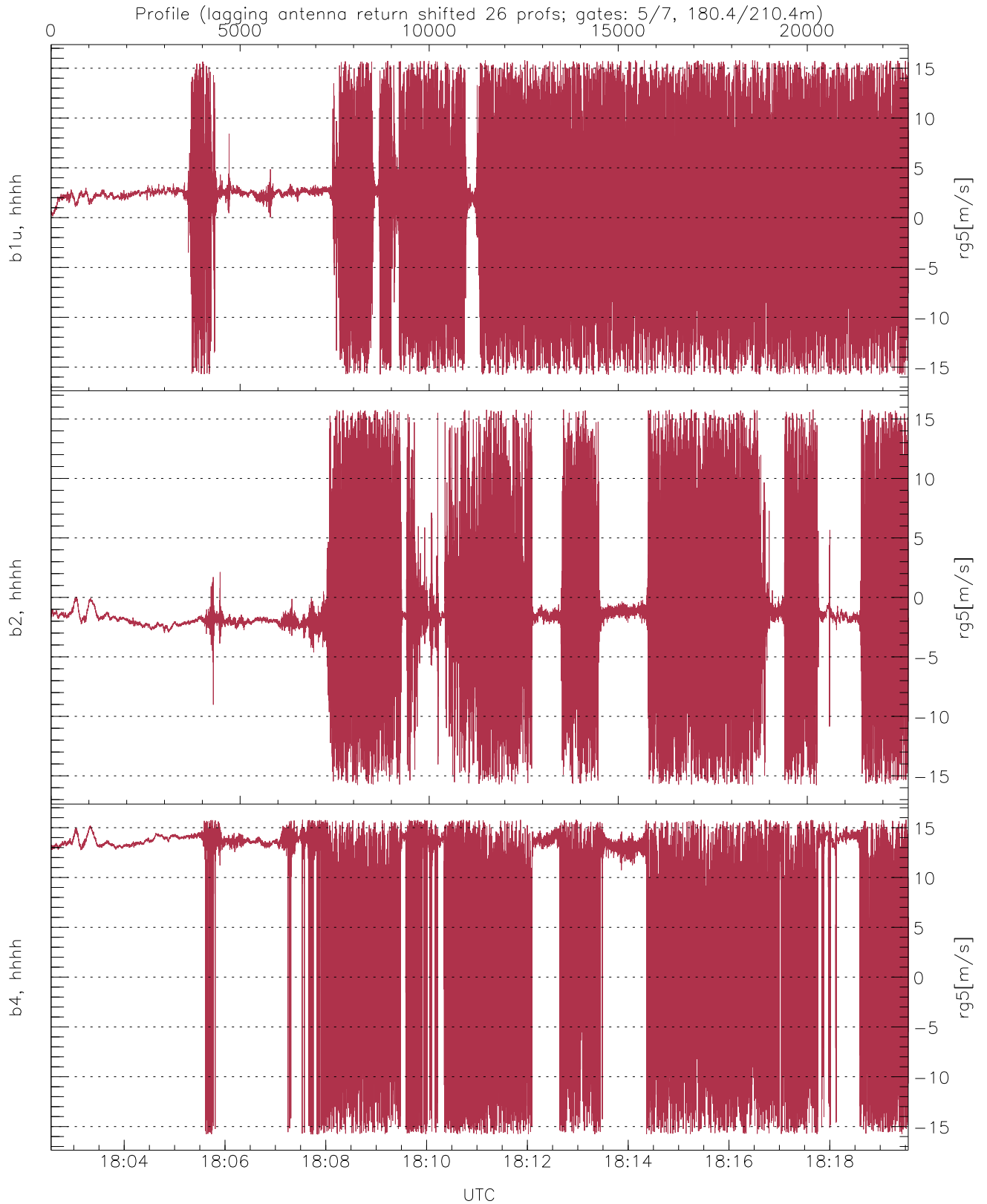
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.60	-10.37	-32.95
down(hh[dBm])	-66.14	-11.69	-30.20
down-fore(hh[dBm])	-66.01	-16.25	-35.22



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

	Min	Max	Mean
up/down (dB)	-37.52	20.05	-3.79
down/down-fore (dB)	-20.75	31.84	2.48



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.88	6.98
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.06	5.48
b4, hhhh(rg5[m/s])	-15.79	15.79	6.91	9.42