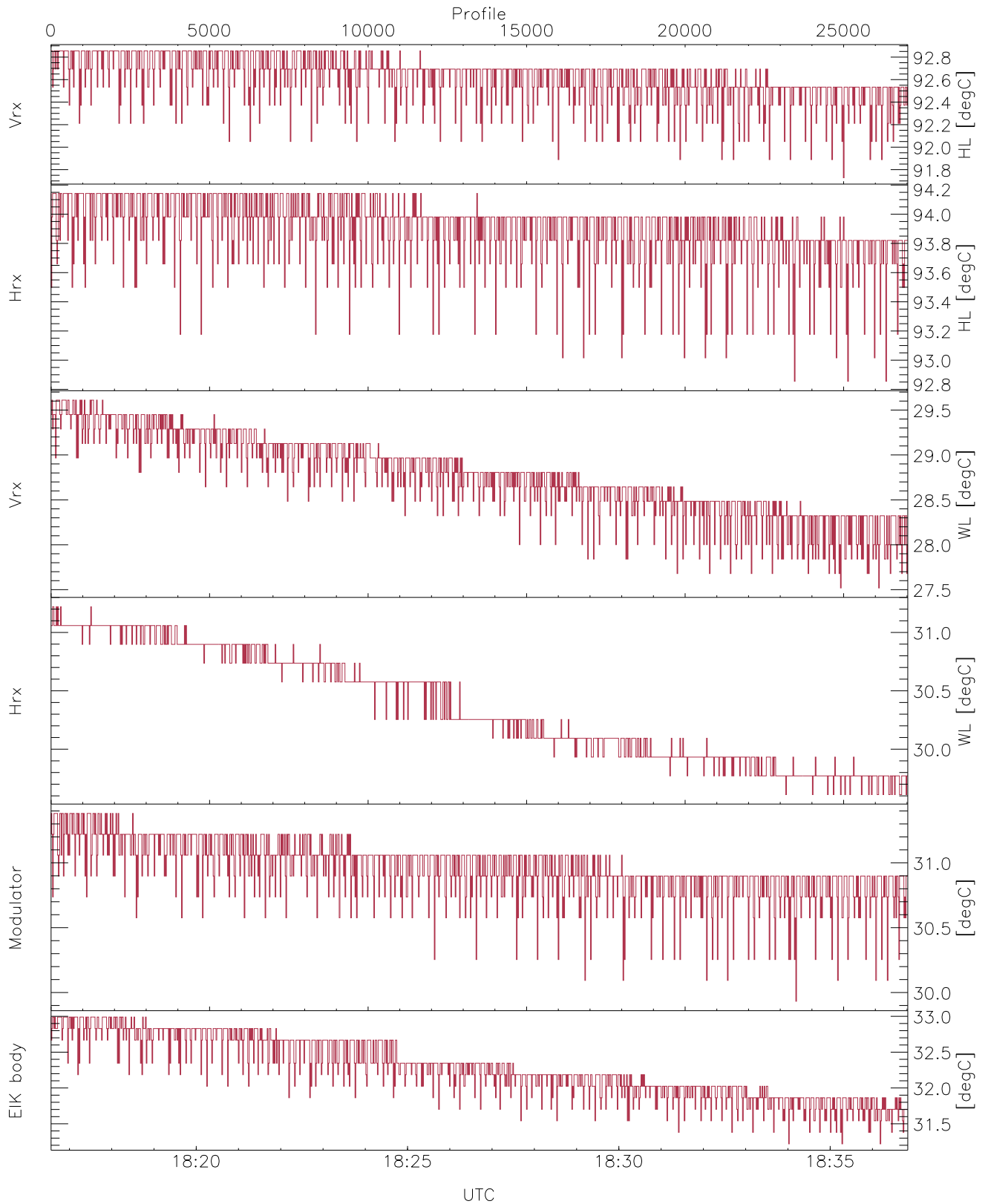


WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:16:34-18:36:50, TimeCor: 0.00s, Dur: 1216.34s
 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): 27024/27024, 0-27023/18:16:34-18:36:50
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-910112,3,9x = no mirror|sidelup|error): 3



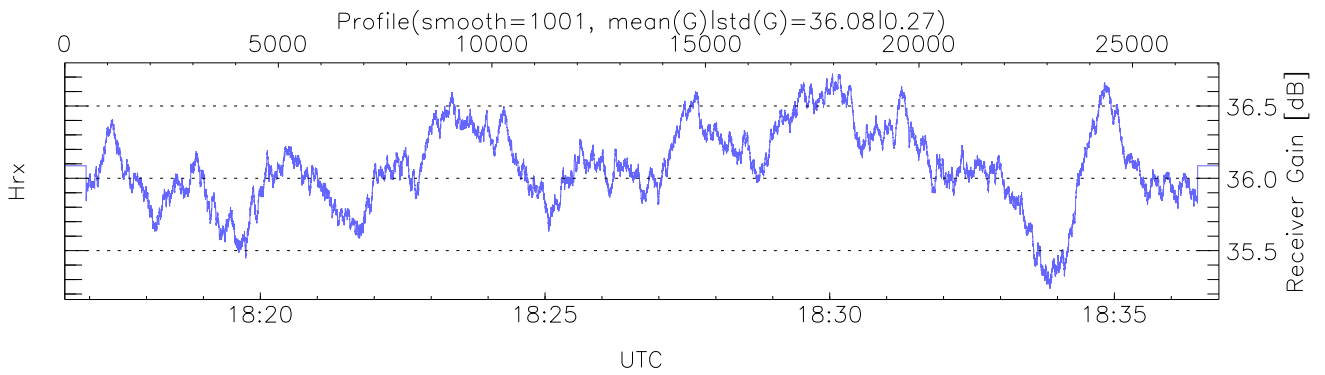
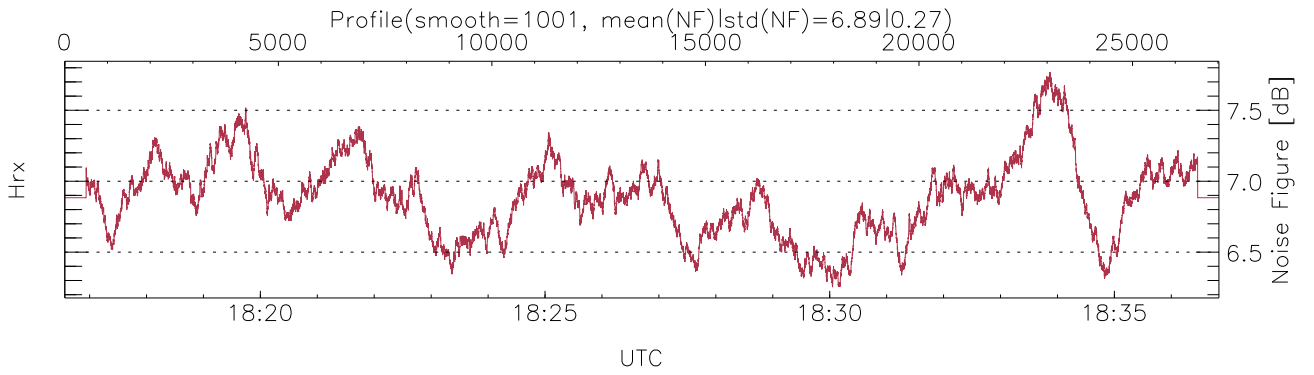
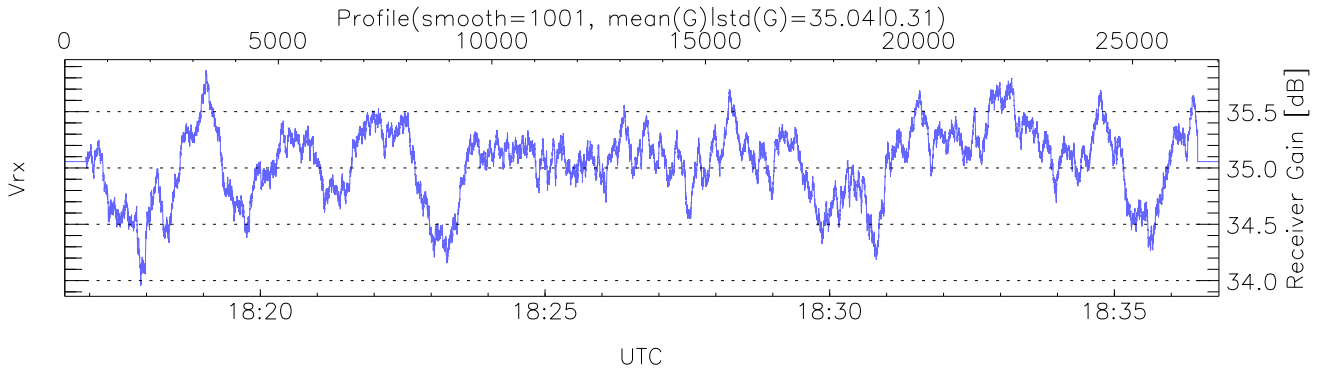
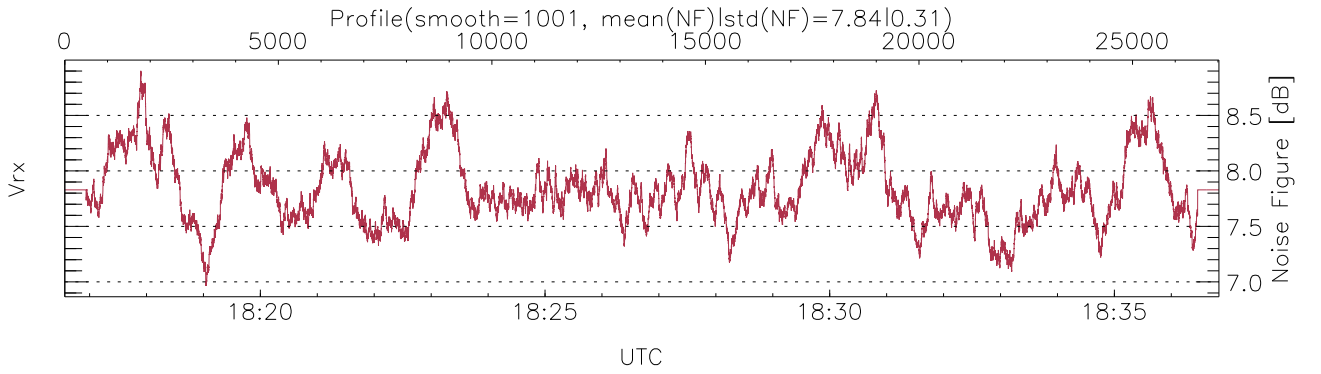
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,27,29,29,31
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,29,31,31,32

LOalarm(20,240,2817,14861 MHz): 0,0,112,0

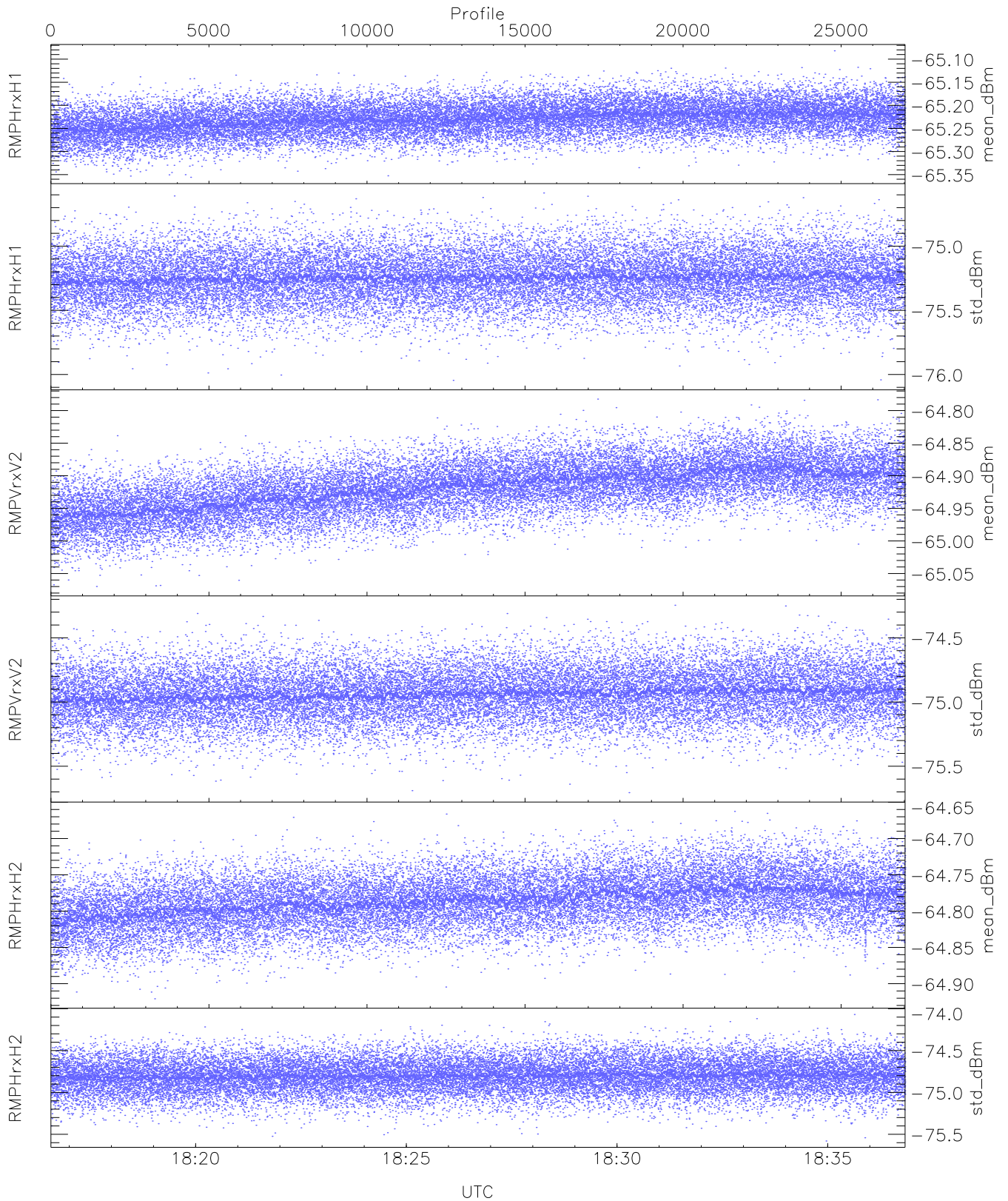
EIK Faults(# prof affected):

DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (111,111,111,22,111,111,111,22)



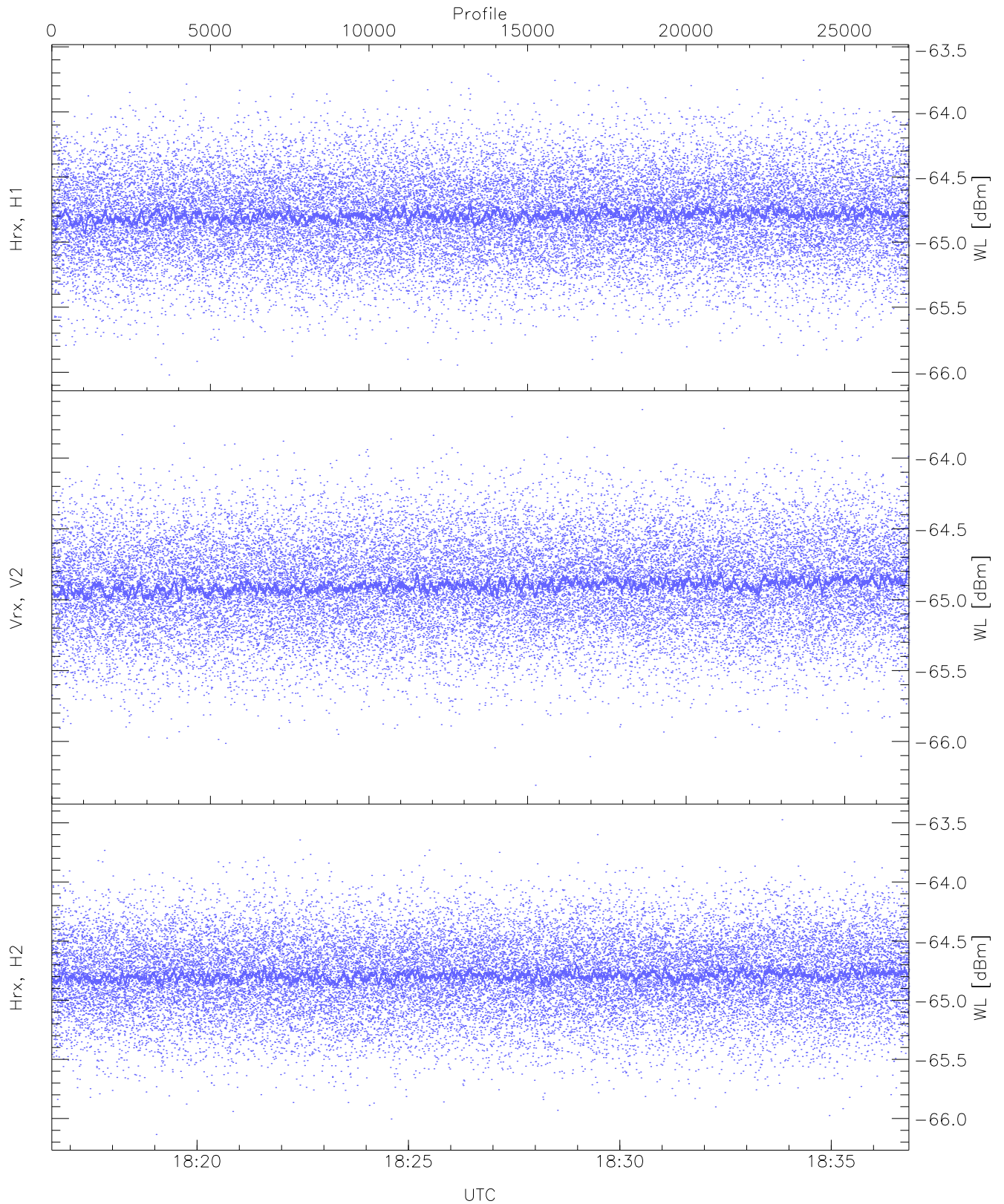
WCR3 CPP Receivers Gain and Noise Figure

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



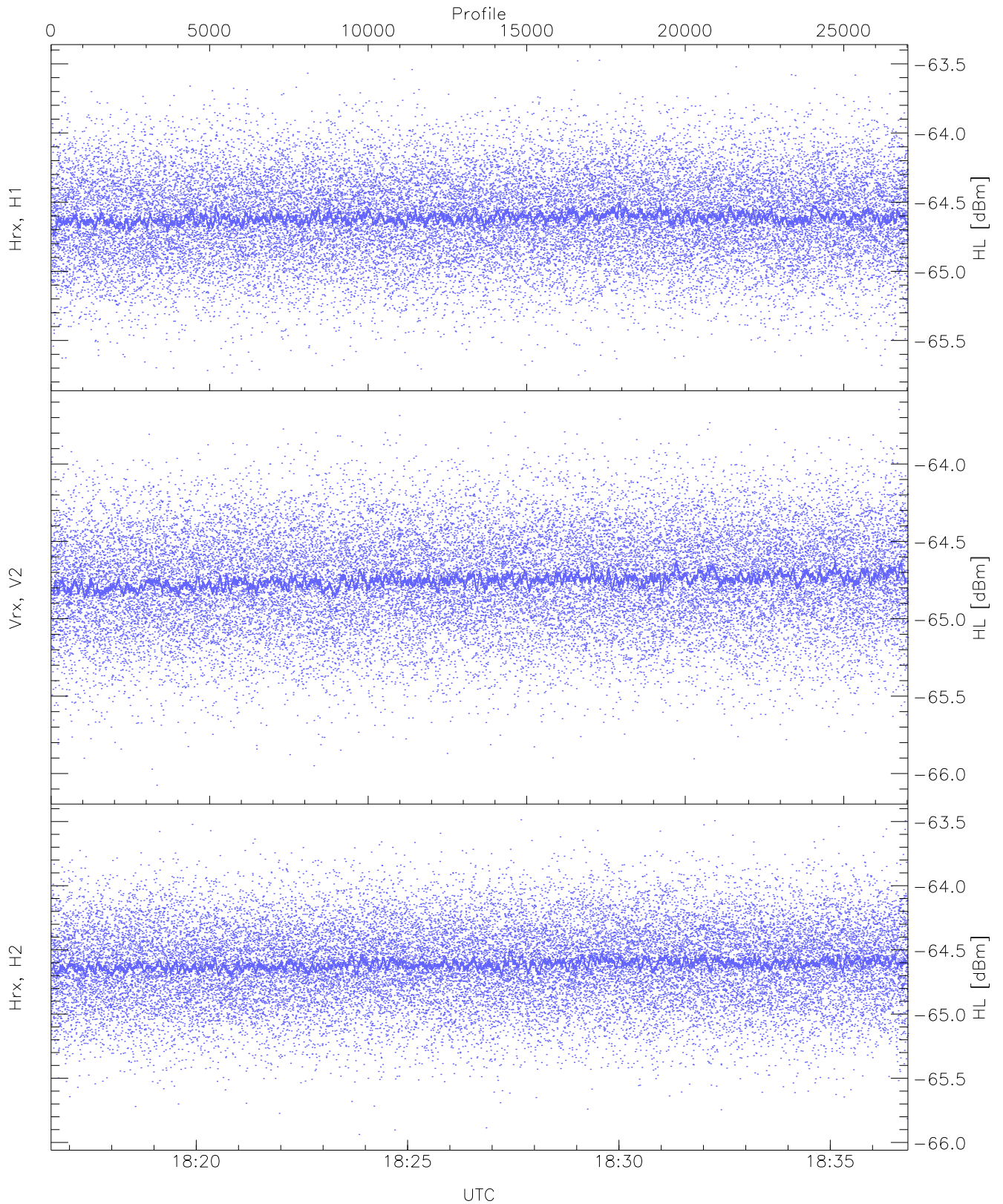
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.36	-65.08	-65.23	-65.23	-86.51
RMPHrxH1(std_dBm)	-76.05	-74.59	-75.25	-75.25	-89.04
RMPVrxV2(mean_dBm)	-65.07	-64.78	-64.92	-64.92	-85.49
RMPVrxV2(std_dBm)	-75.71	-74.25	-74.94	-74.94	-88.73
RMPHrxH2(mean_dBm)	-64.92	-64.66	-64.79	-64.79	-85.96
RMPHrxH2(std_dBm)	-75.58	-74.07	-74.80	-74.80	-88.58



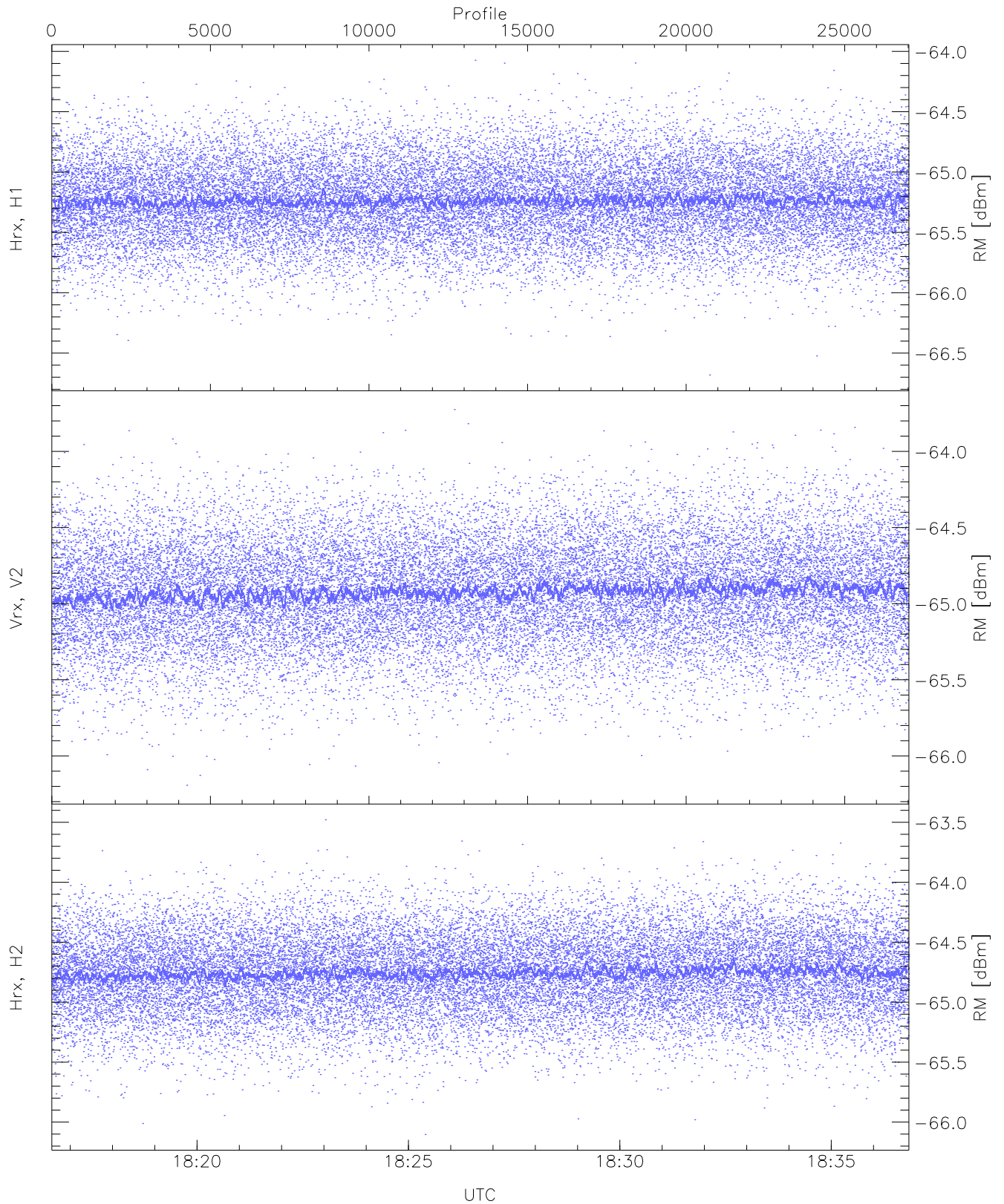
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.02	-63.60	-64.79	-64.80	-76.32
Vrx, V2 (WL [dBm])	-66.31	-63.66	-64.89	-64.90	-76.39
Hrx, H2 (WL [dBm])	-66.14	-63.47	-64.79	-64.79	-76.27



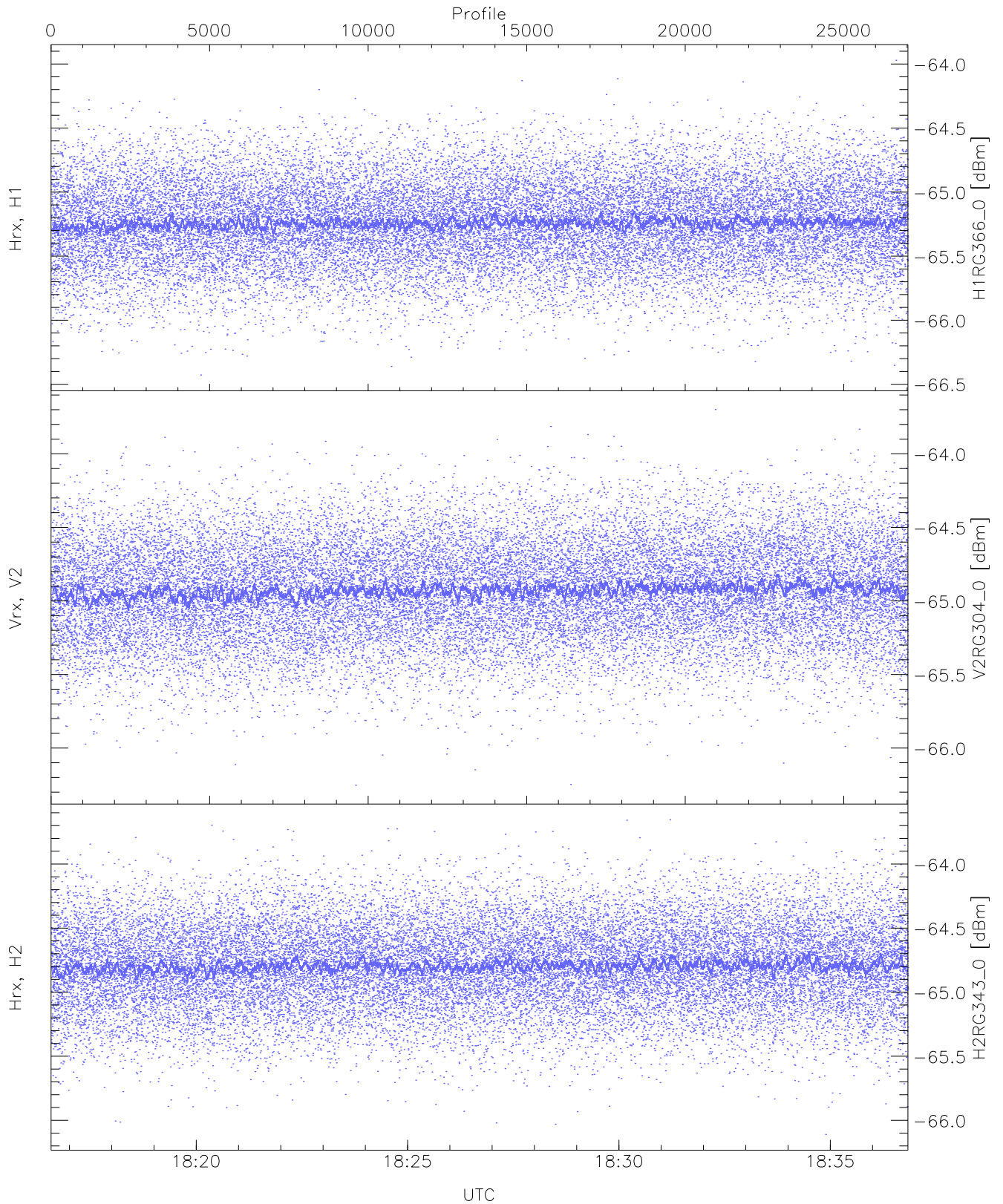
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.75	-63.47	-64.61	-64.61	-76.13
Vrx, V2 (HL [dBm])	-66.08	-63.65	-64.74	-64.75	-76.24
Hrx, H2 (HL [dBm])	-65.94	-63.49	-64.60	-64.61	-76.10



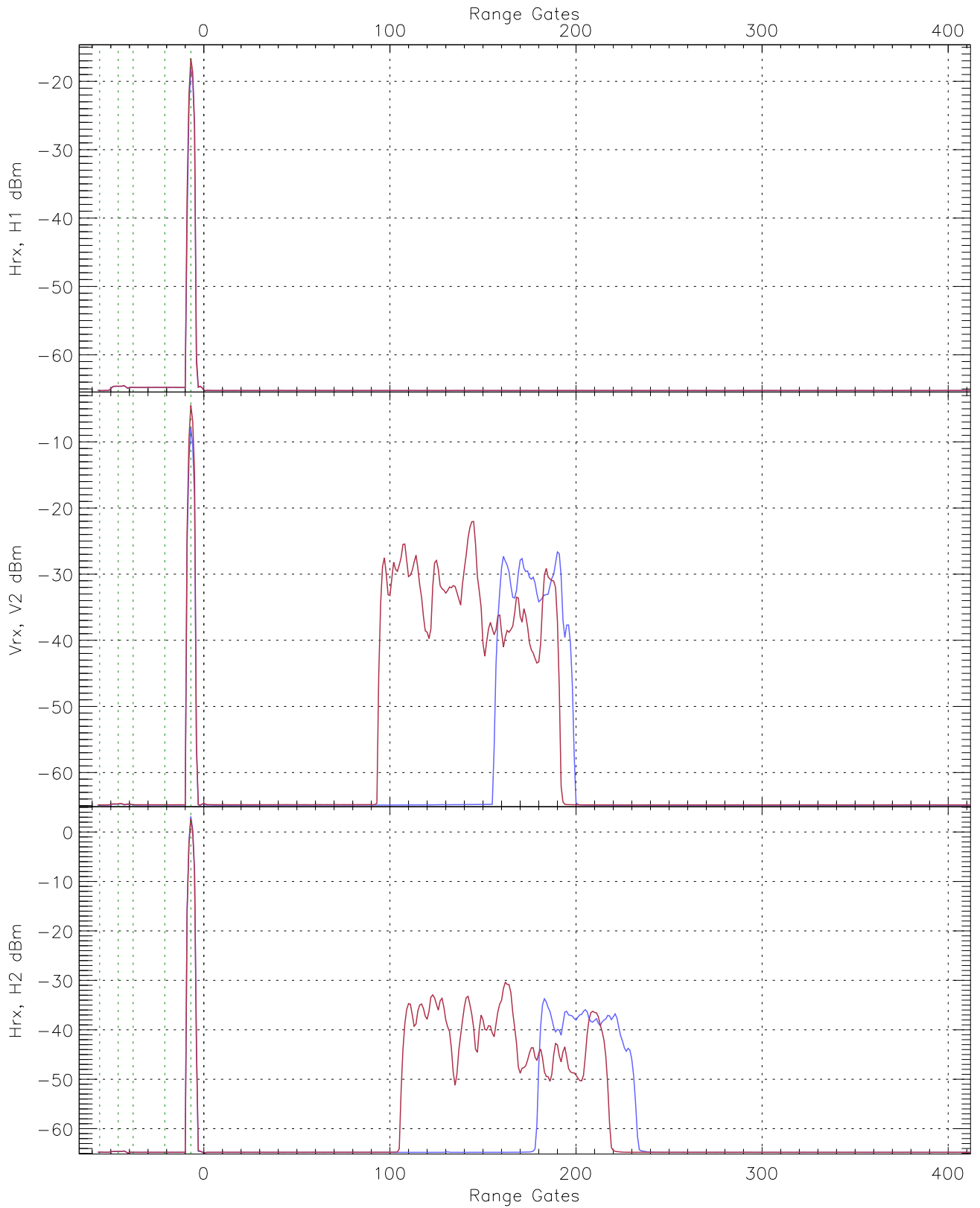
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.68	-64.07	-65.23	-65.24	-76.76
Vrx, V2 (RM [dBm])	-66.19	-63.73	-64.92	-64.93	-76.39
Hrx, H2 (RM [dBm])	-66.10	-63.48	-64.75	-64.76	-76.25

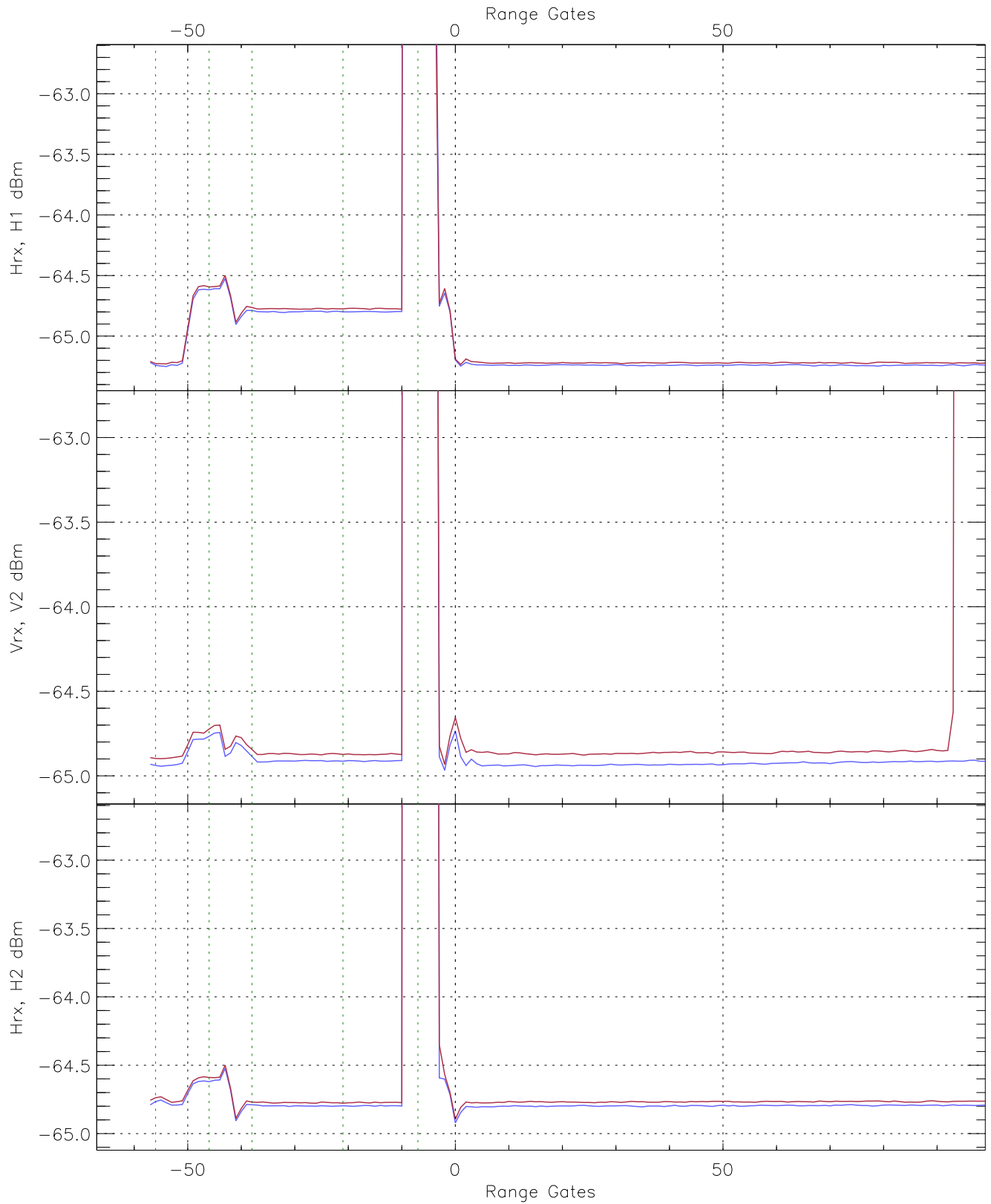


WCR3 CPP "Best" estimate Receivers Noise Power

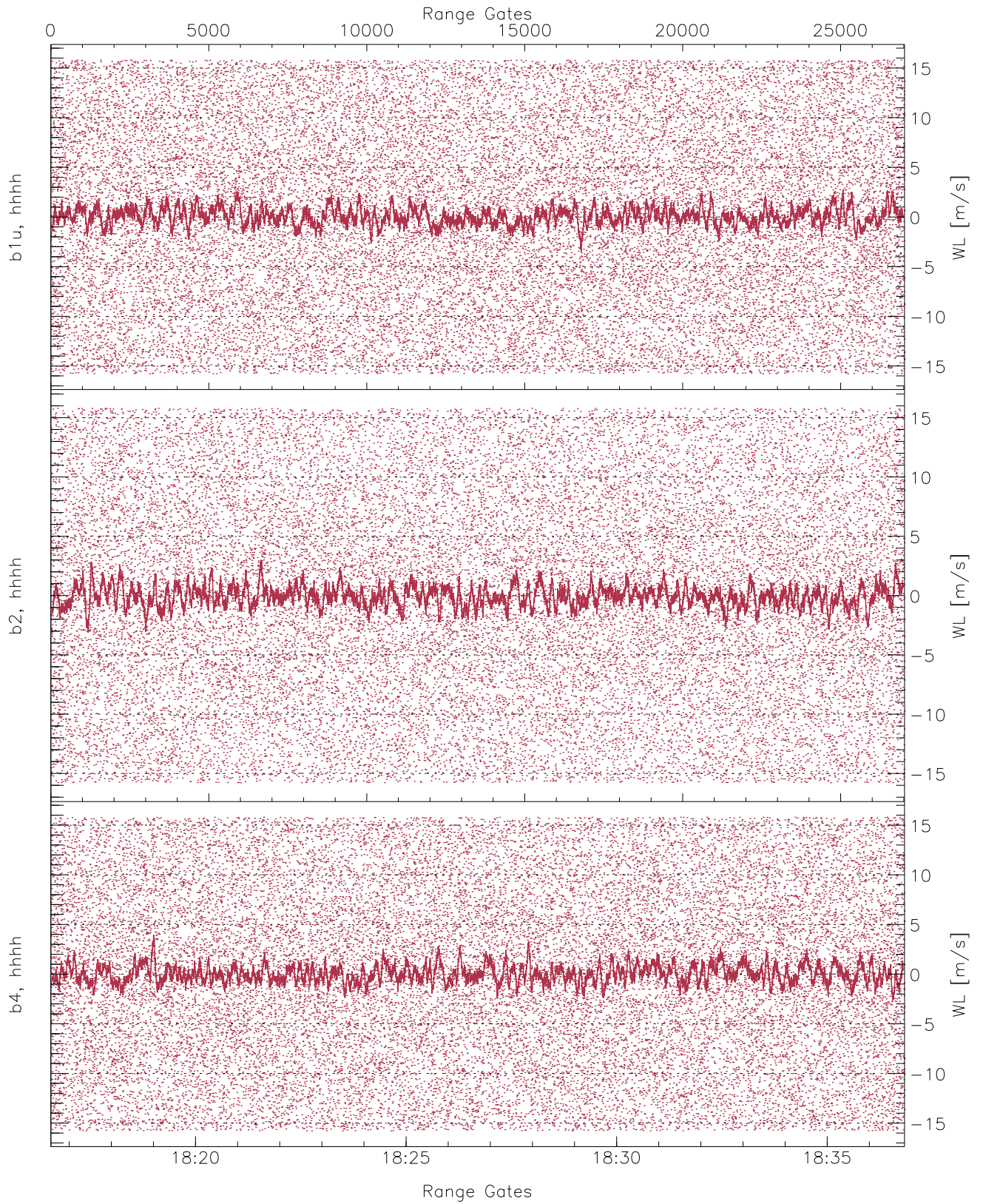
	Min	Max	Mean	Median	StDev
H1RG366_0 [dBm]	-66.43	-63.97	-65.24	-65.24	-76.71
V2RG304_0 [dBm]	-66.25	-63.70	-64.92	-64.93	-76.40
H2RG343_0 [dBm]	-66.11	-63.65	-64.79	-64.80	-76.28



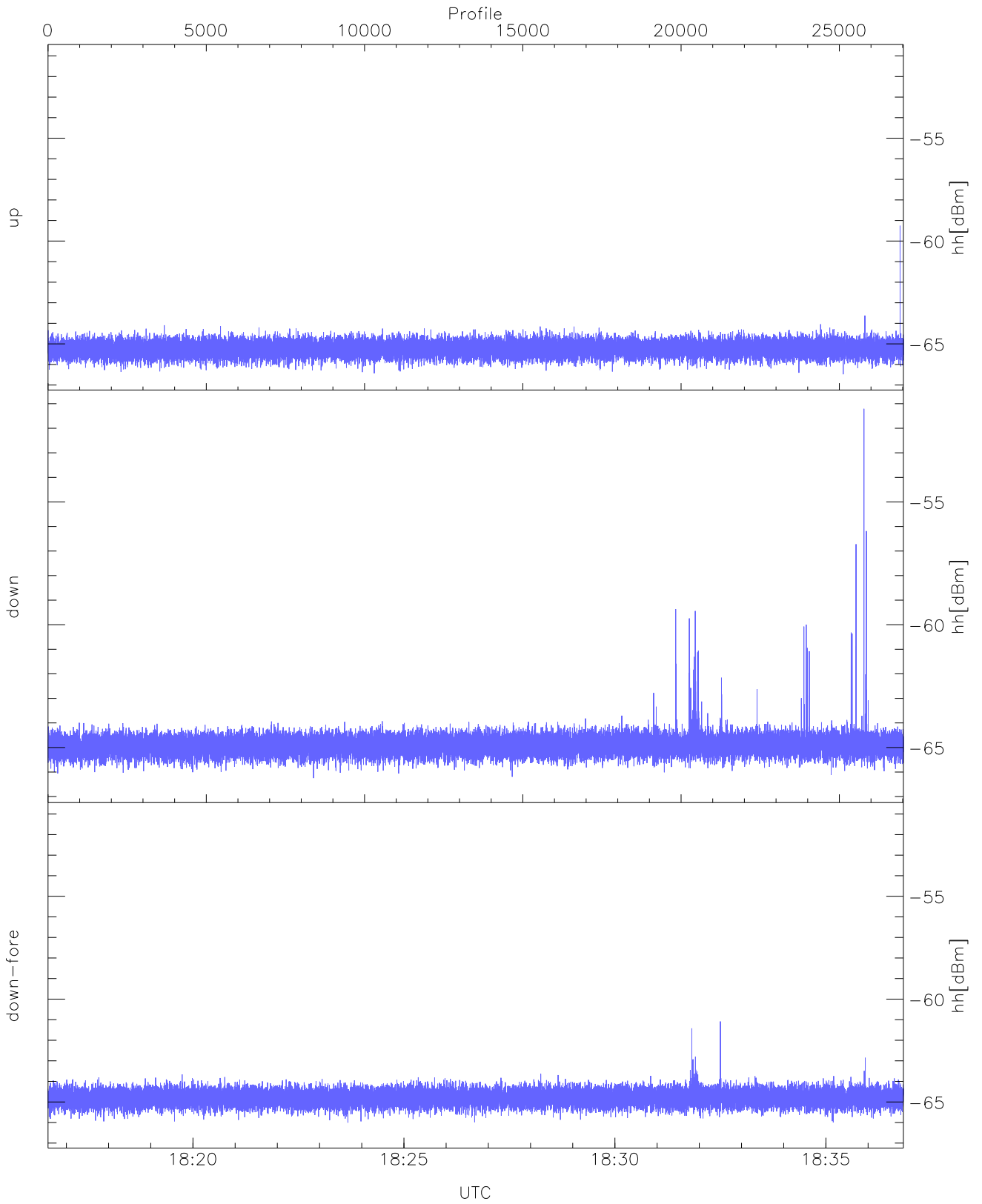
WCR3 CPP Averaged Received power for all recorded gates
blue: 181634-182642, 13513 profiles averaged
red: 182642-183650, 13512 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181634-182642, 13513 profiles averaged
red: 182642-183650, 13512 profiles averaged

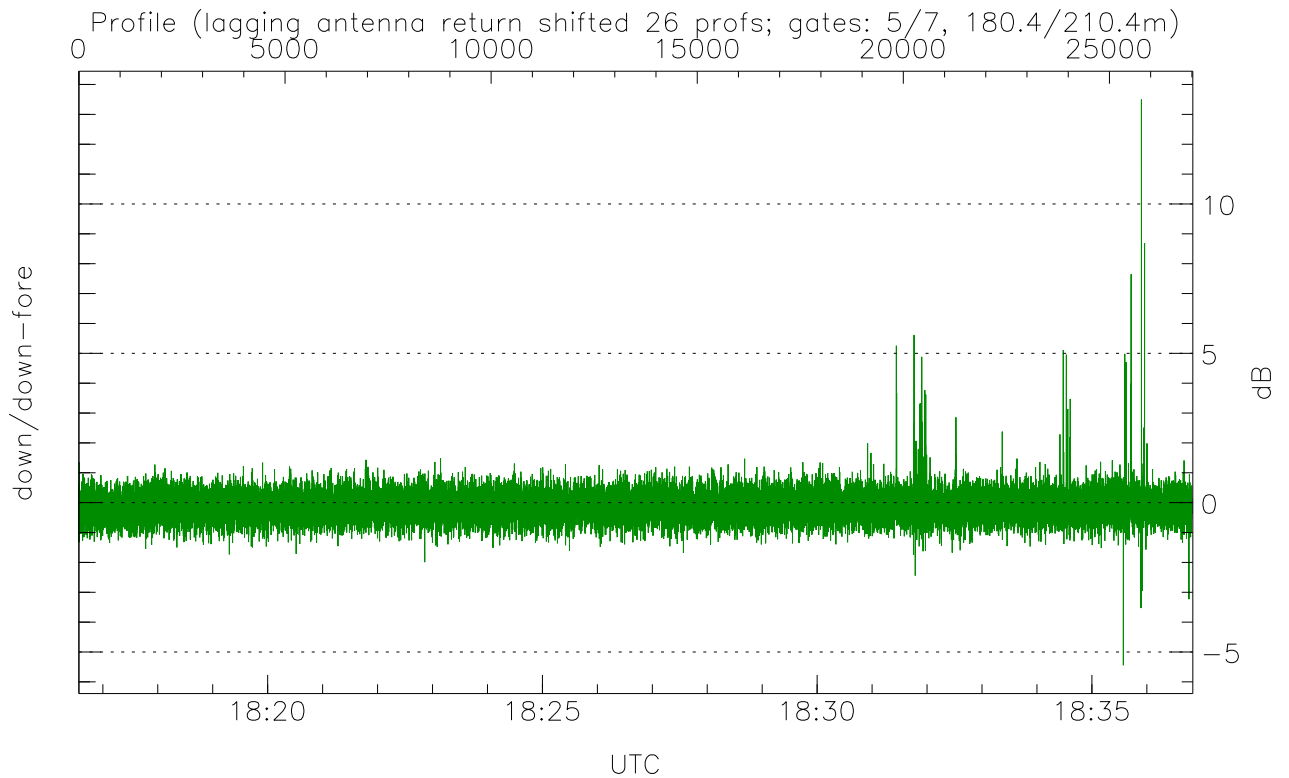
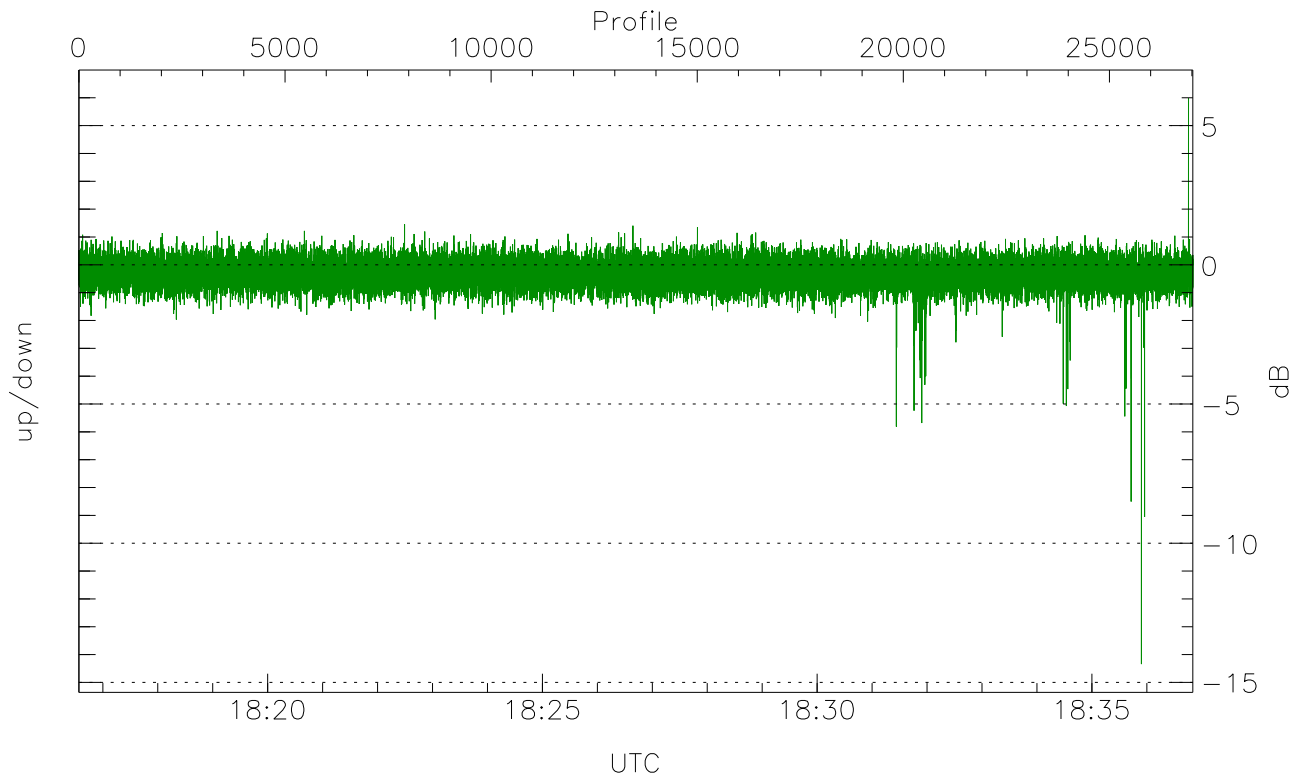


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



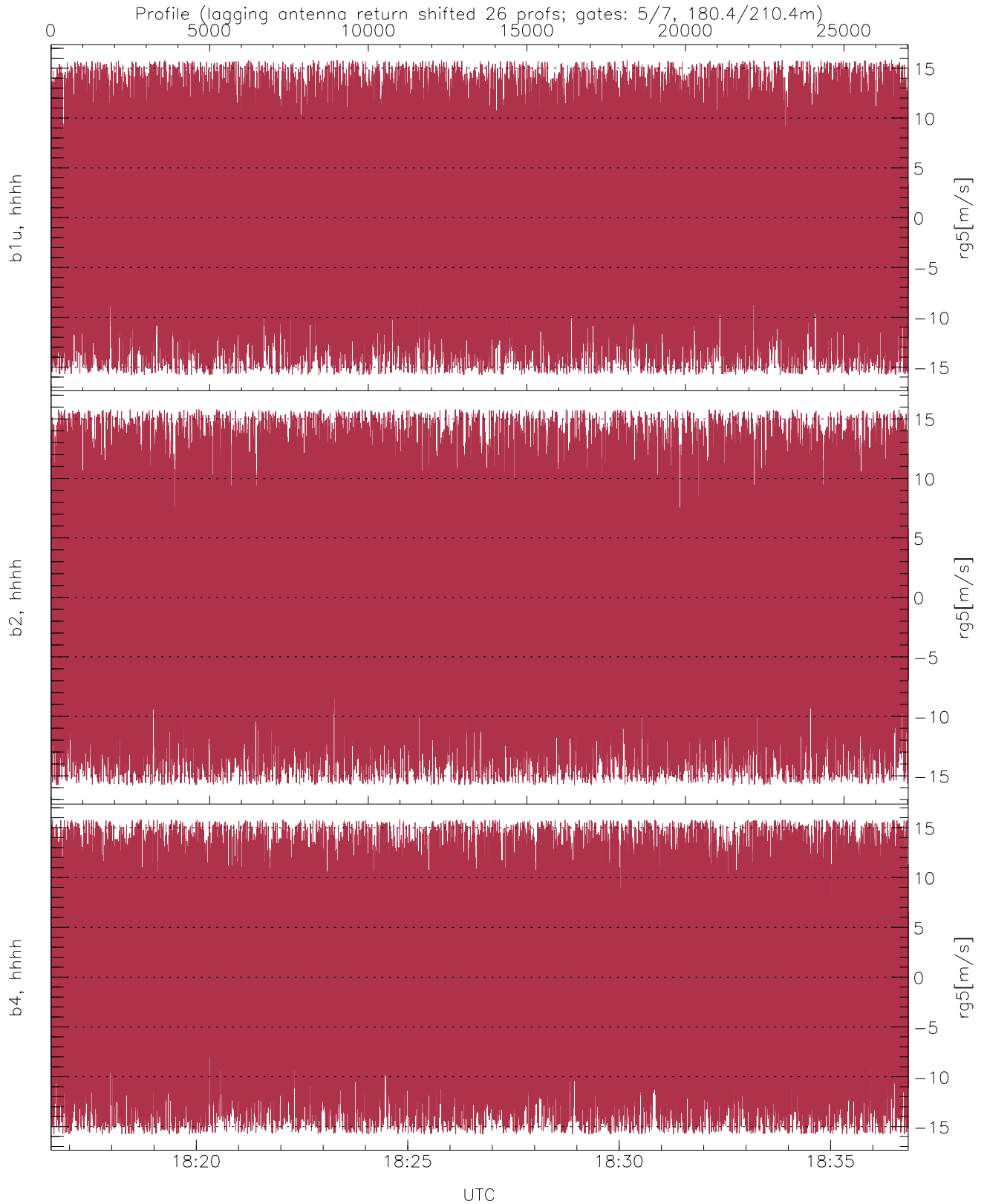
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.48	-59.26	-65.23
down(hh[dBm])	-66.25	-51.21	-64.90
down-fore(hh[dBm])	-66.01	-61.08	-64.79



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

	Min	Max	Mean
up/down (dB)	-14.34	5.98	-0.32
down/down-fore (dB)	-5.44	13.50	-0.12



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	-0.08	8.56
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.06	8.58
b4, hhhh(rg5[m/s])	-15.78	15.79	-0.01	8.71