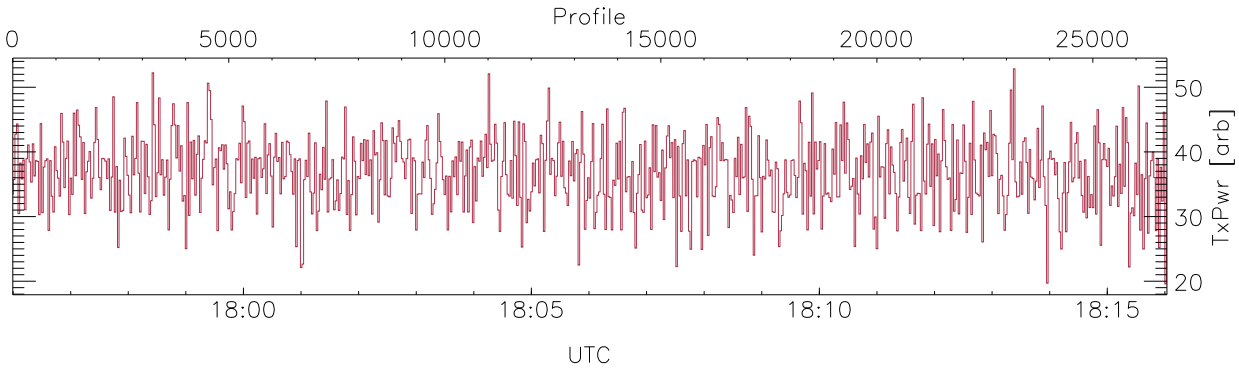
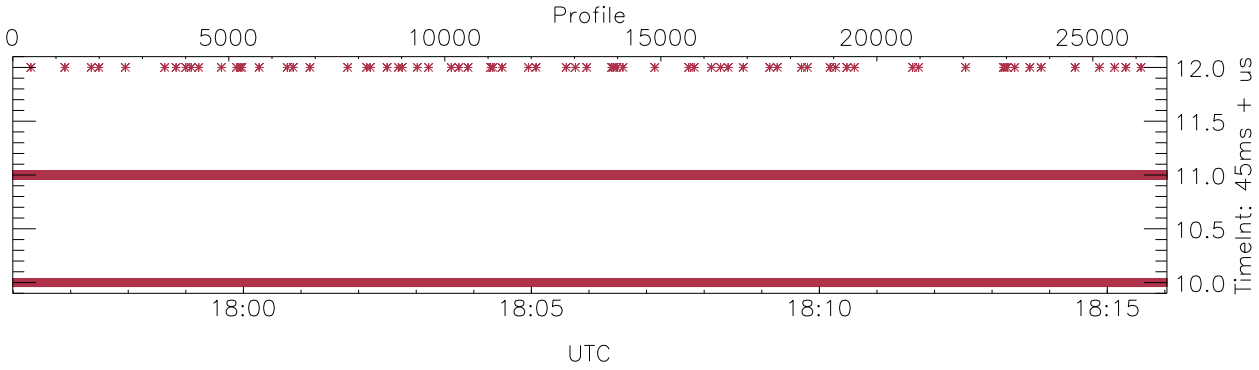
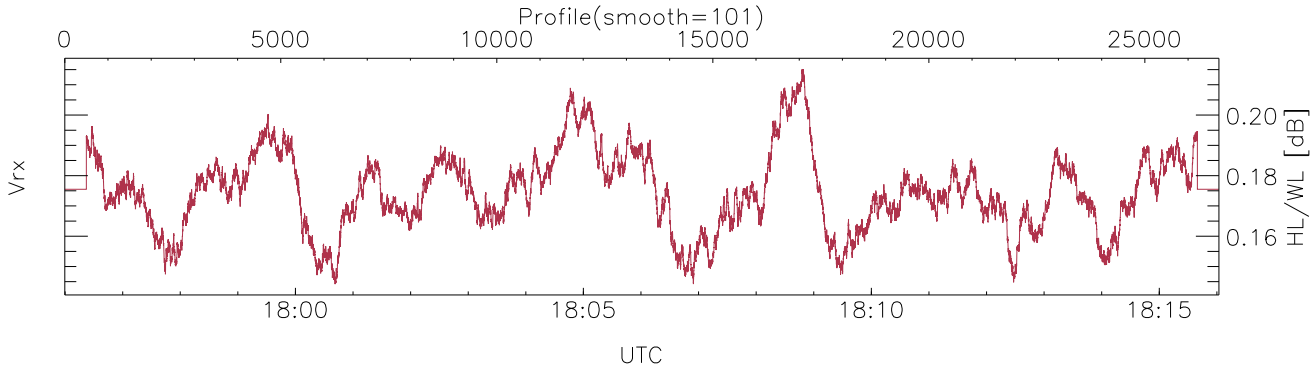
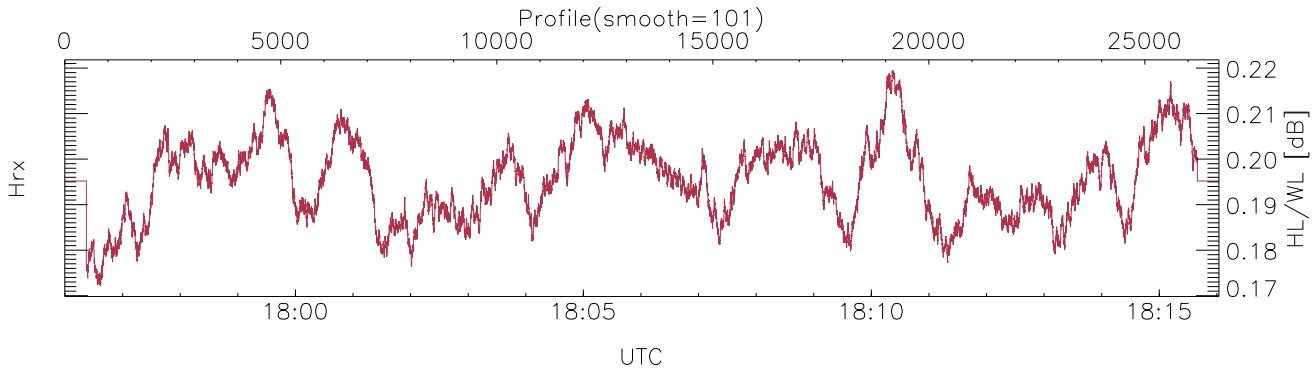


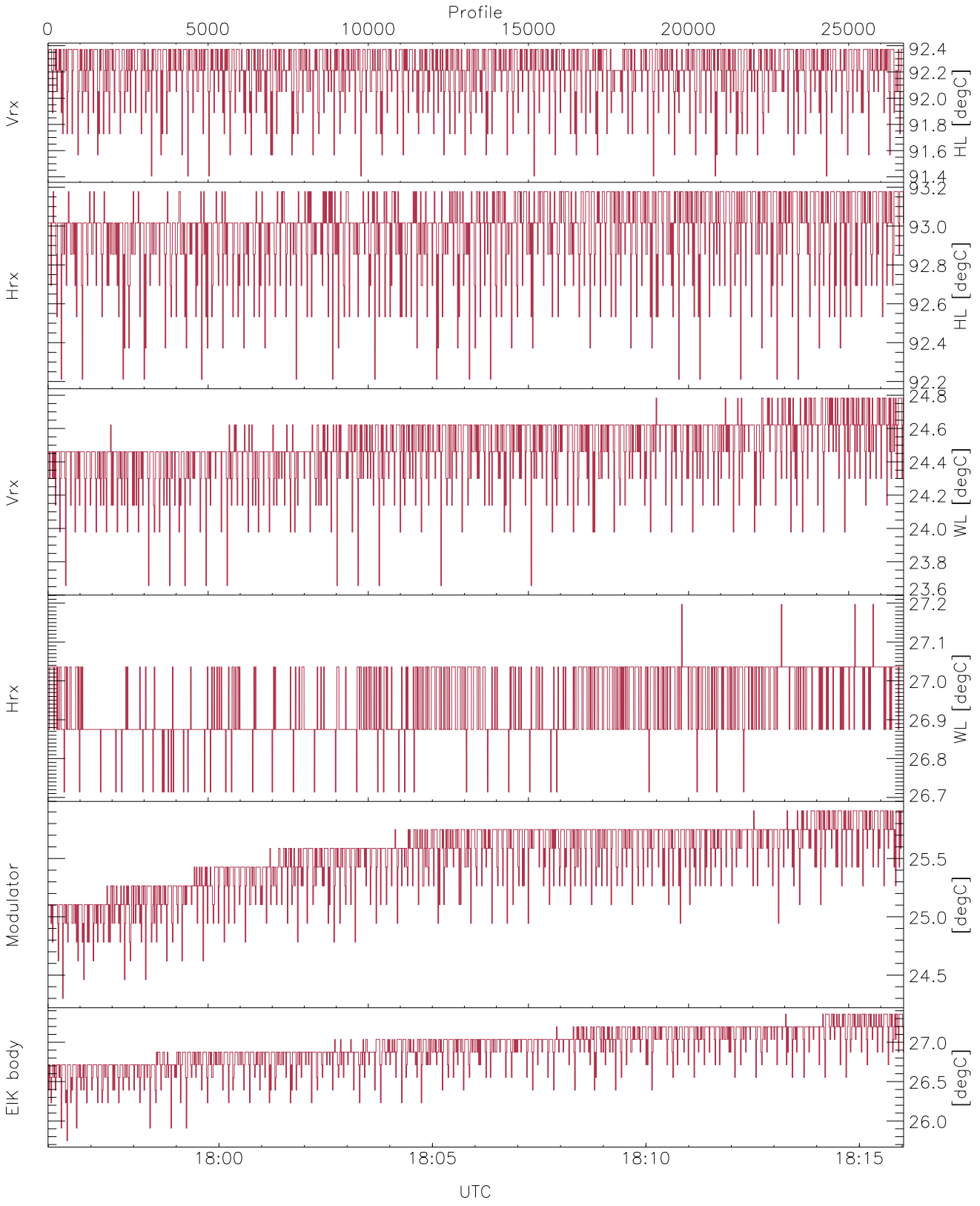






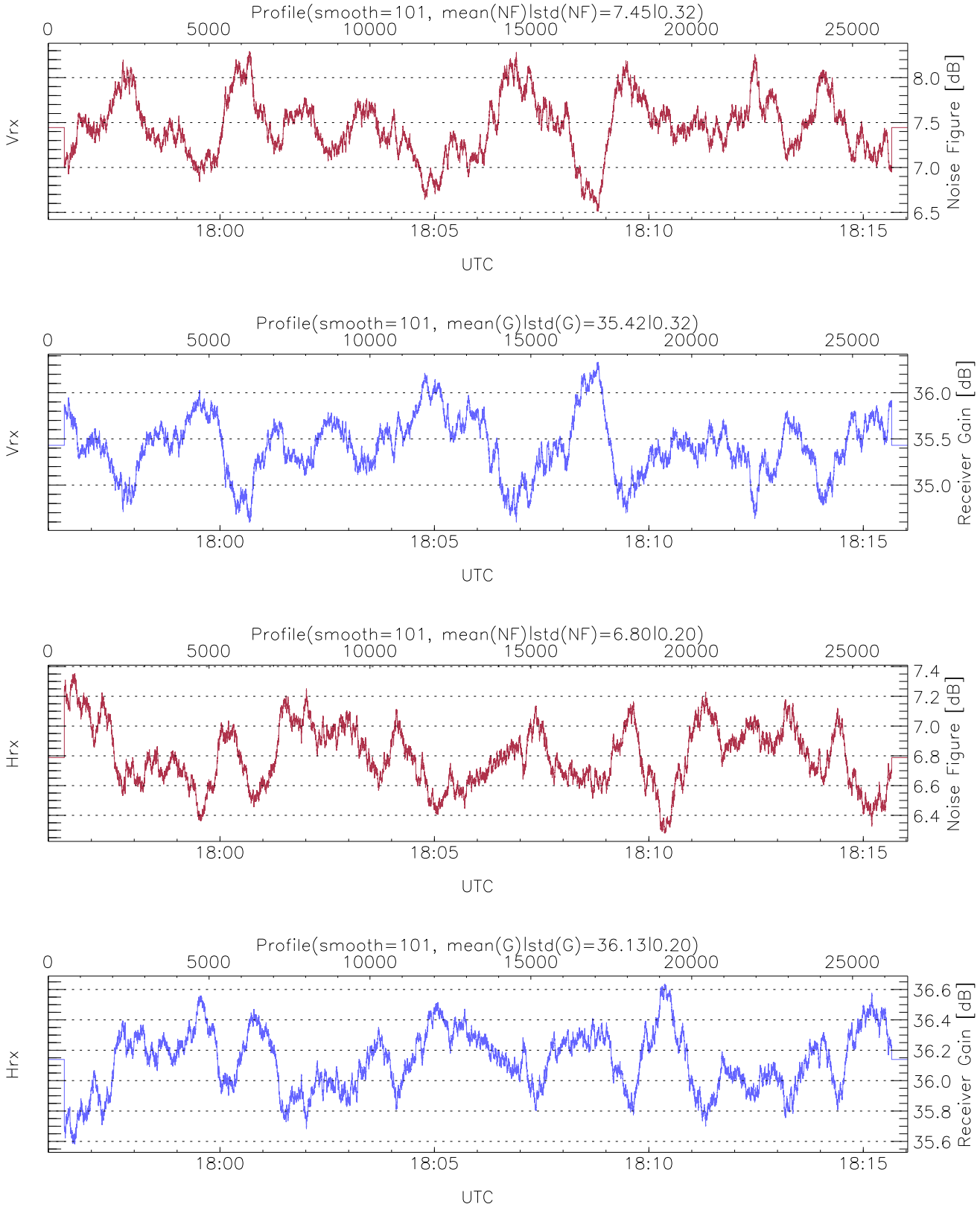
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:56:00-18:16:02, TimeCor: 0.00s, Dur: 1202.48s
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): 26716/26716, 0-26715/17:56:00-18:16:02
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(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



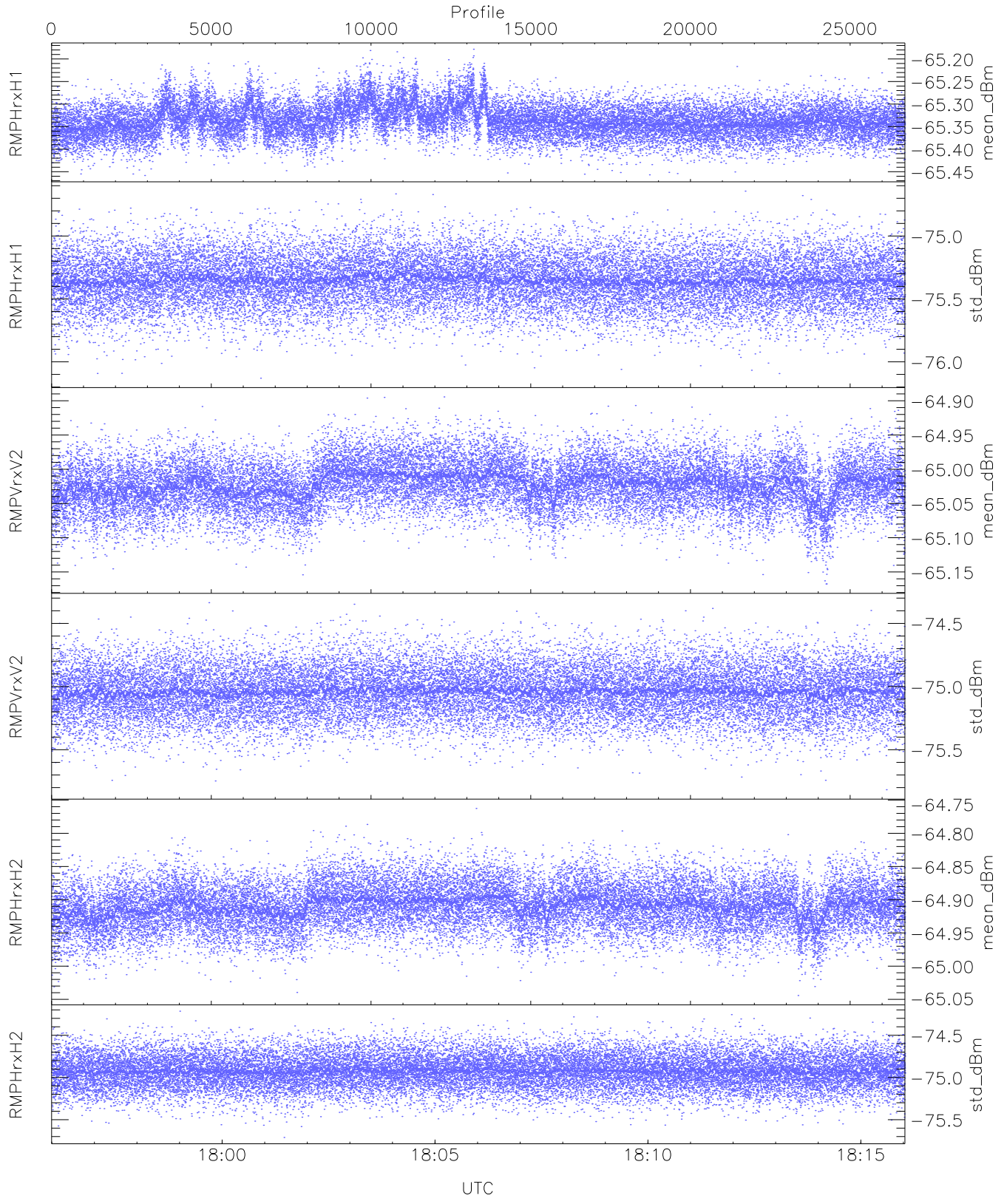
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,25,27
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (68,68,68,68,68,68)



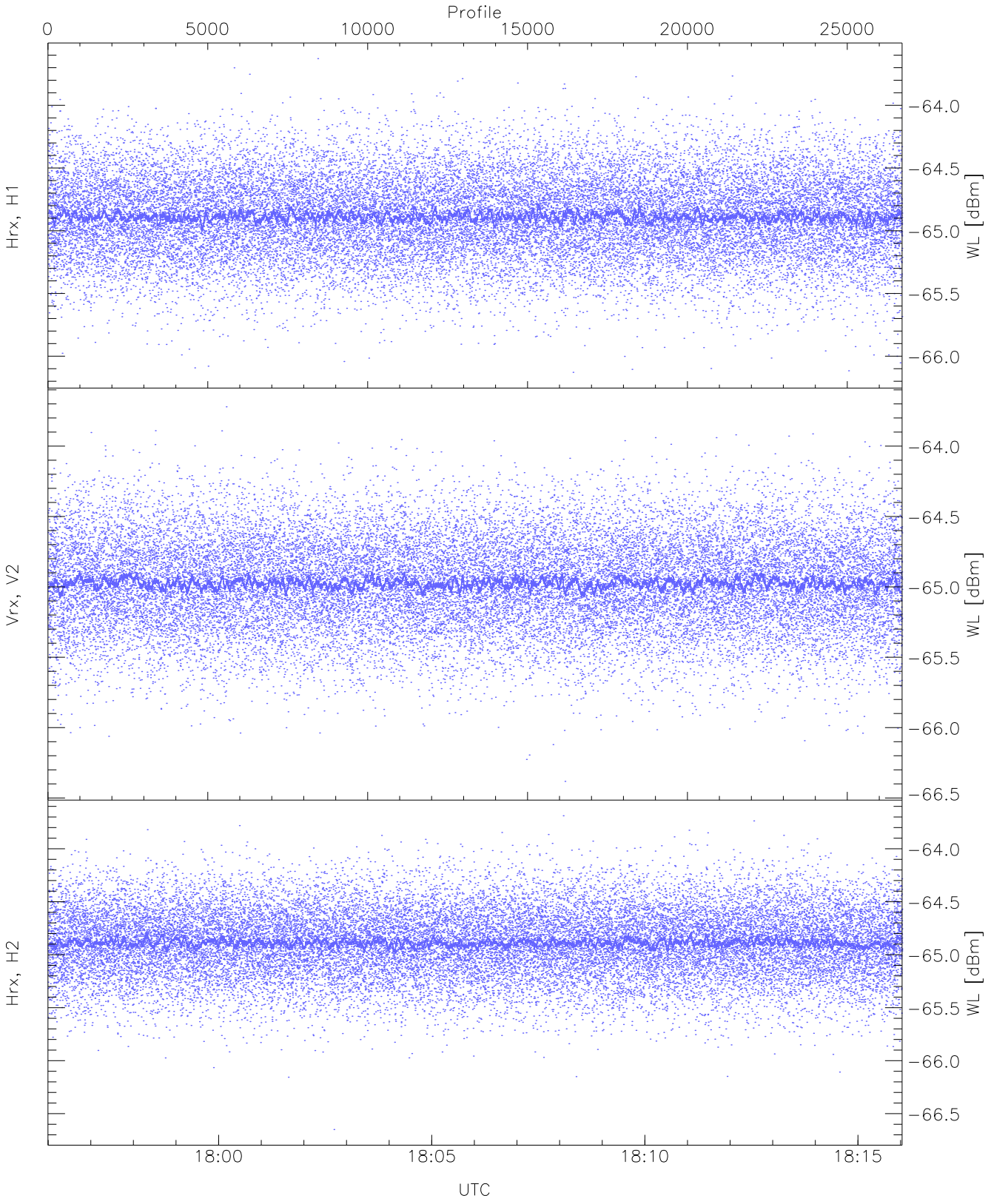
WCR3 CPP Receivers Gain and Noise Figure

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



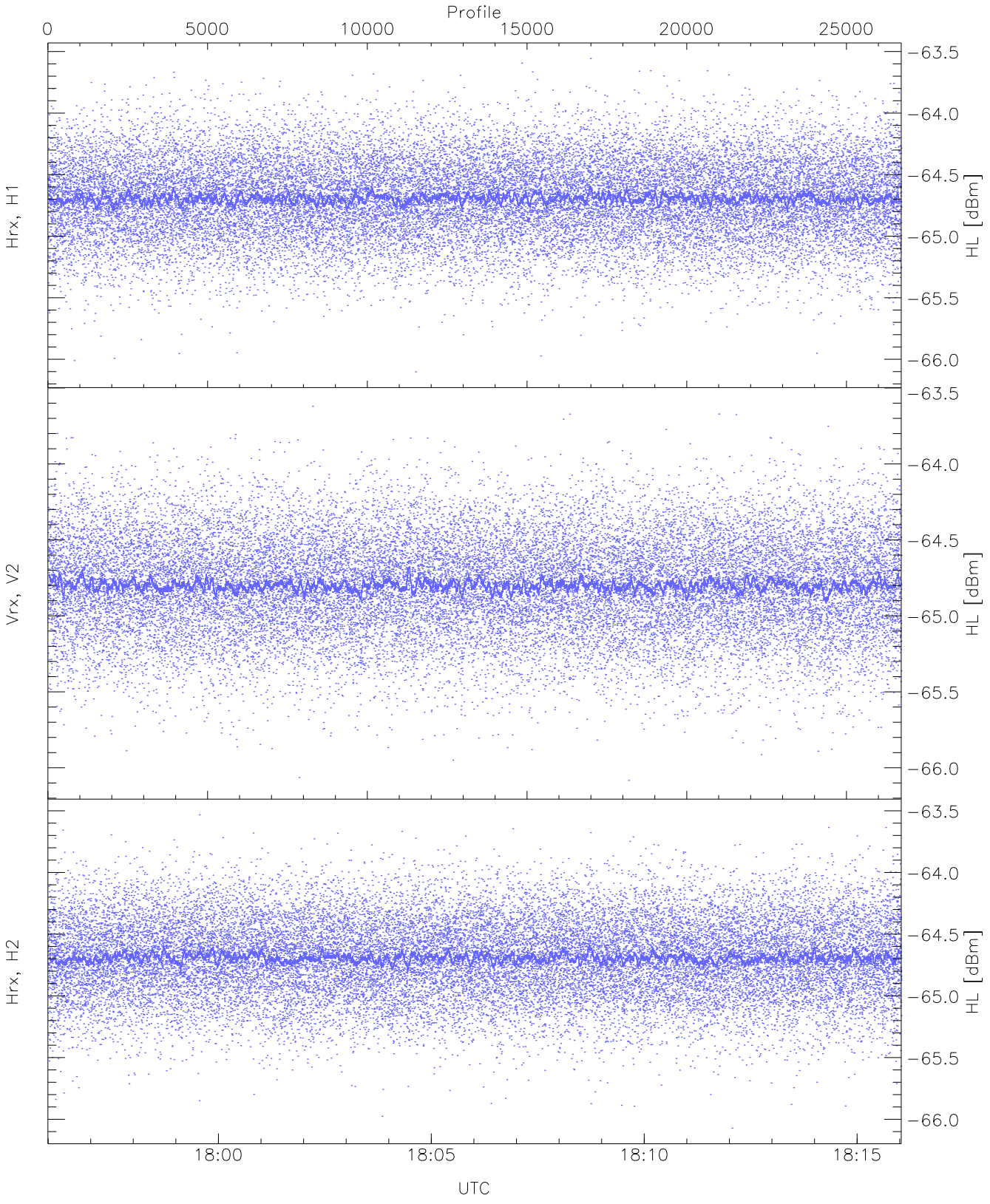
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.18	-65.34	-65.34	-86.21
RMPHrxH1(std_dBm)	-76.13	-74.64	-75.35	-75.35	-89.10
RMPVrxV2(mean_dBm)	-65.17	-64.89	-65.02	-65.02	-86.22
RMPVrxV2(std_dBm)	-75.82	-74.34	-75.04	-75.04	-88.83
RMPHrxH2(mean_dBm)	-65.04	-64.76	-64.91	-64.91	-86.27
RMPHrxH2(std_dBm)	-75.71	-74.22	-74.93	-74.93	-88.72



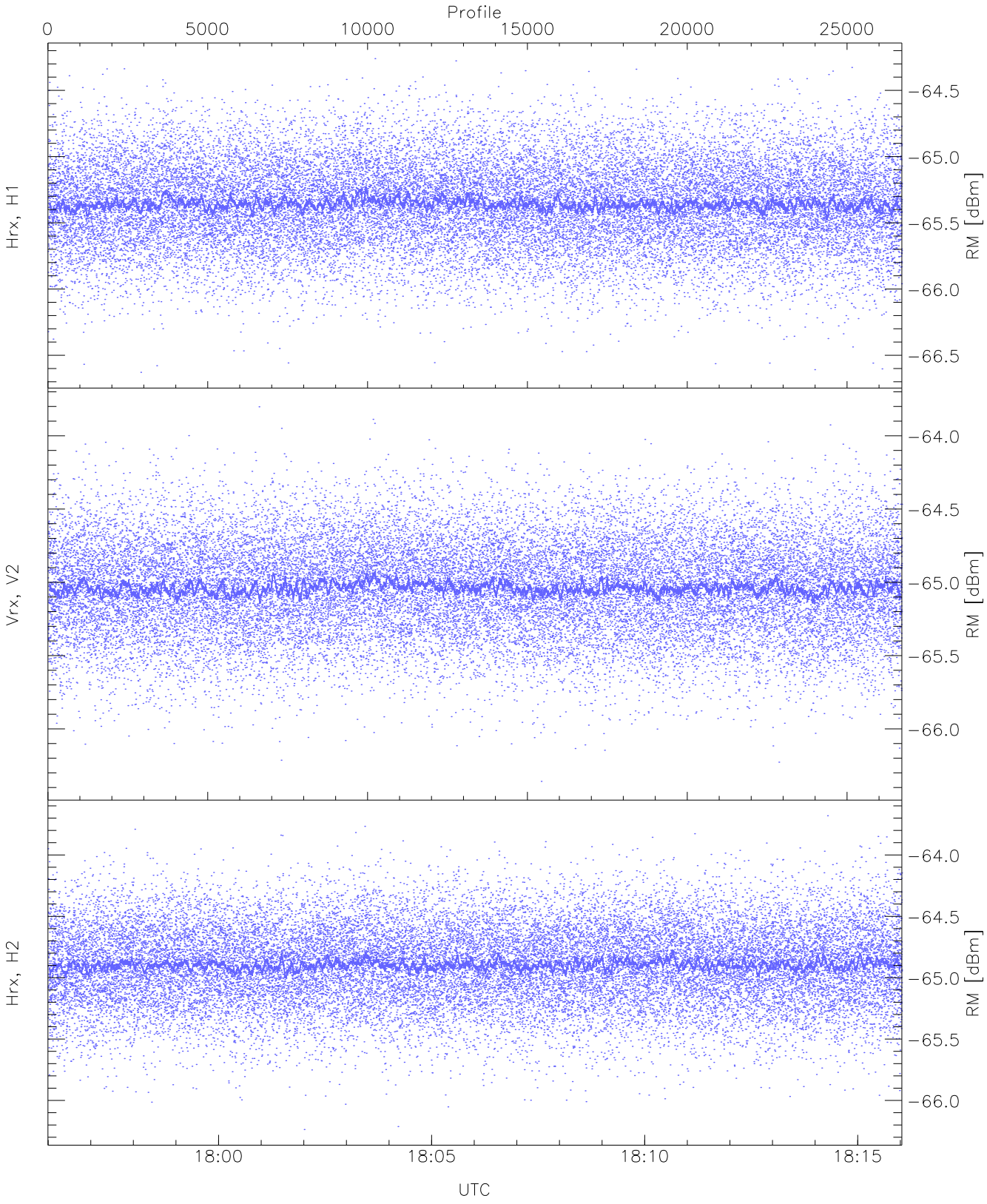
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.13	-63.63	-64.88	-64.89	-76.37
Vrx, V2(WL [dBm])	-66.38	-63.72	-64.97	-64.98	-76.44
Hrx, H2(WL [dBm])	-66.65	-63.69	-64.88	-64.89	-76.37



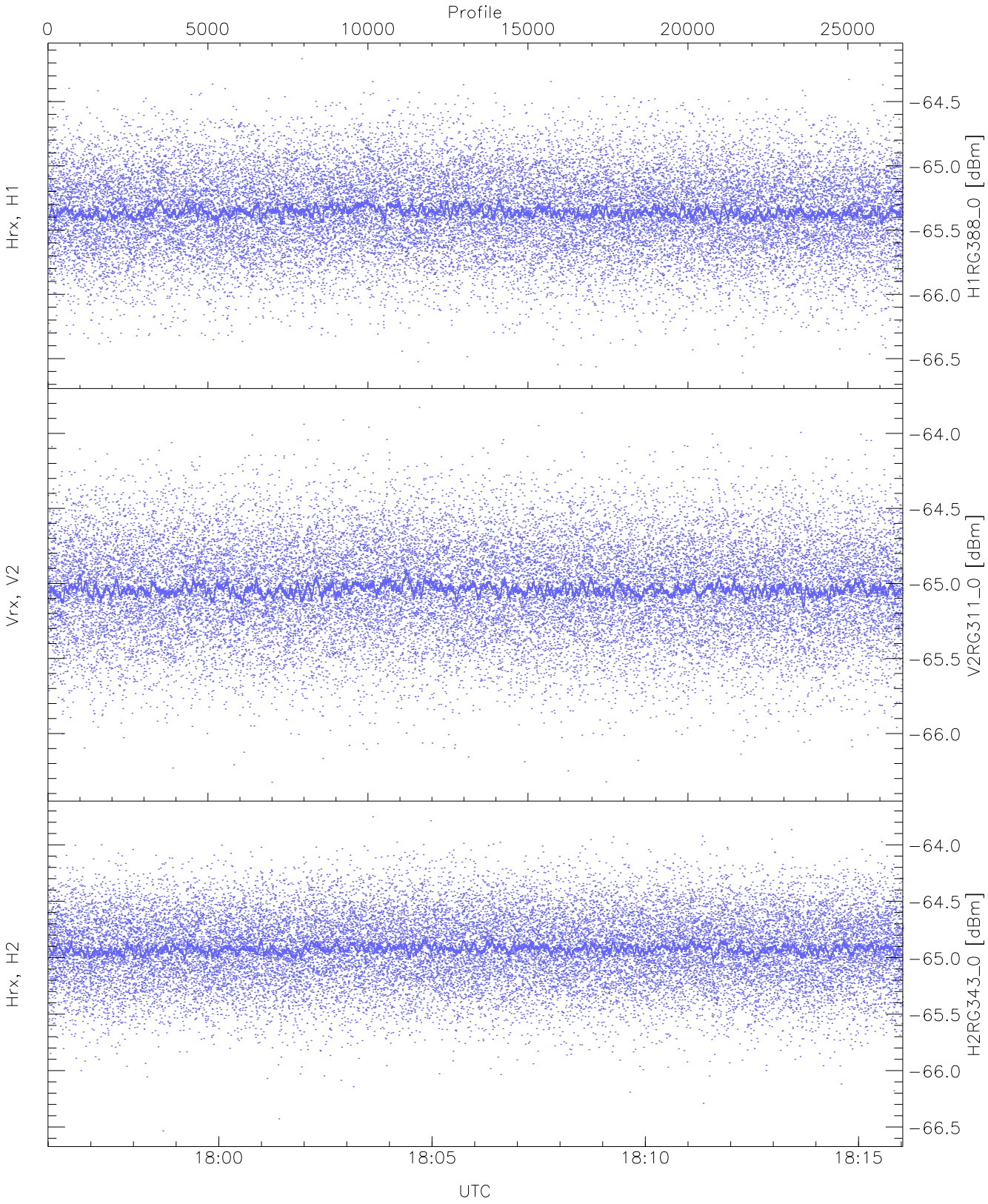
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.10	-63.56	-64.69	-64.69	-76.19
Vrx, V2(HL [dBm])	-66.08	-63.62	-64.79	-64.80	-76.32
Hrx, H2(HL [dBm])	-66.07	-63.53	-64.68	-64.69	-76.19



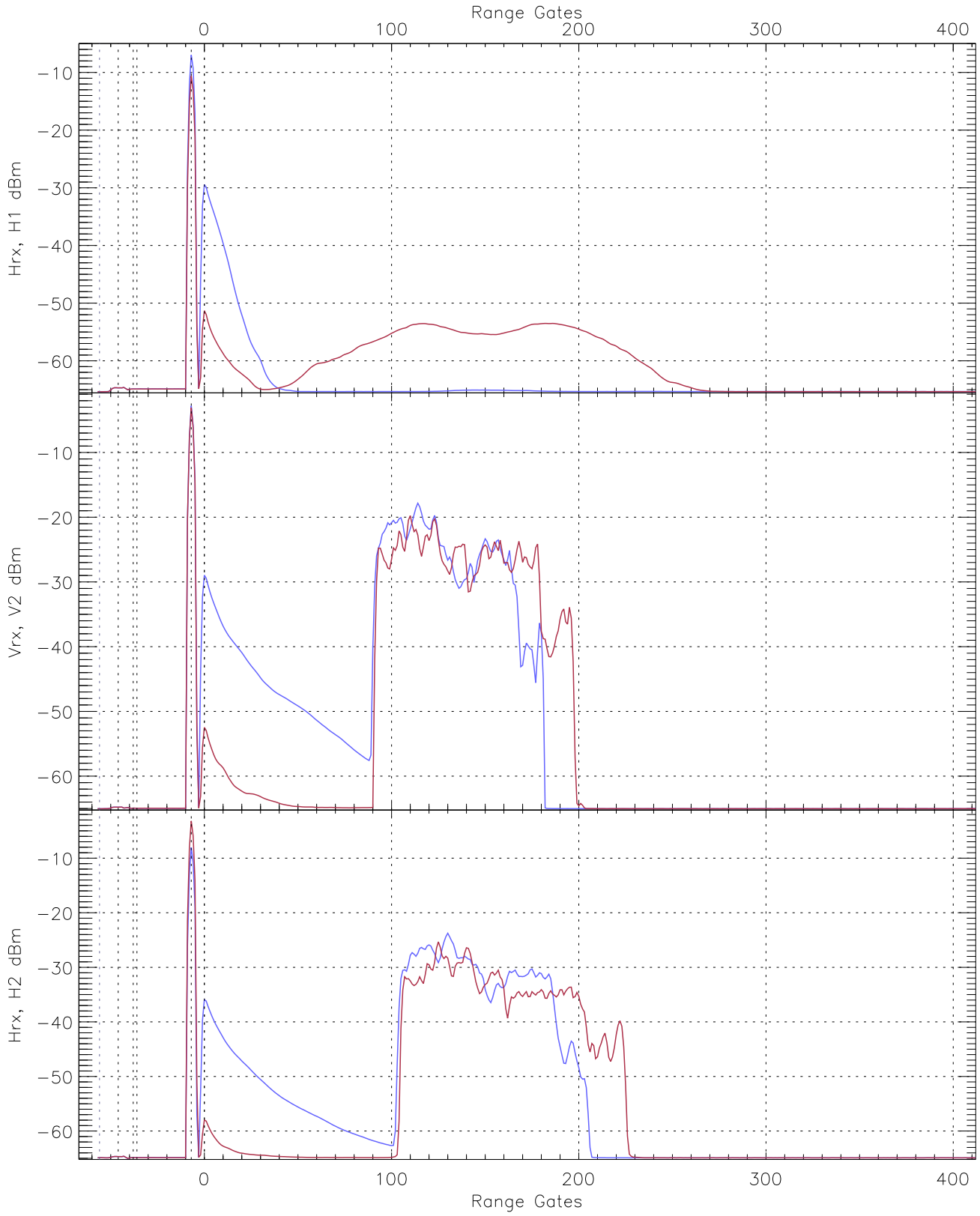
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.63	-64.26	-65.35	-65.36	-76.85
Vrx, V2(RM [dBm])	-66.36	-63.80	-65.03	-65.04	-76.55
Hrx, H2(RM [dBm])	-66.24	-63.68	-64.89	-64.89	-76.37

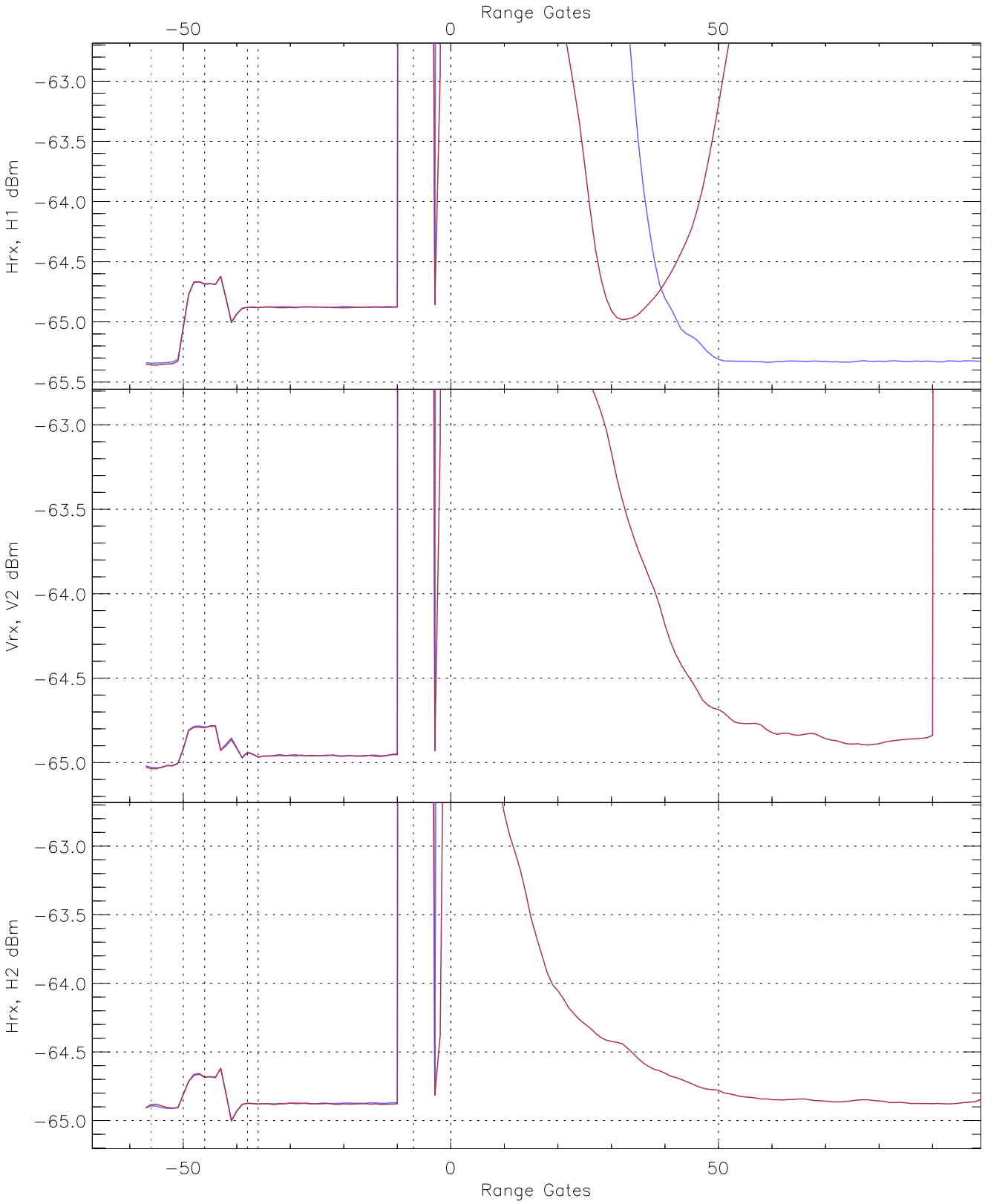


WCR3 CPP "Best" estimate Receivers Noise Power

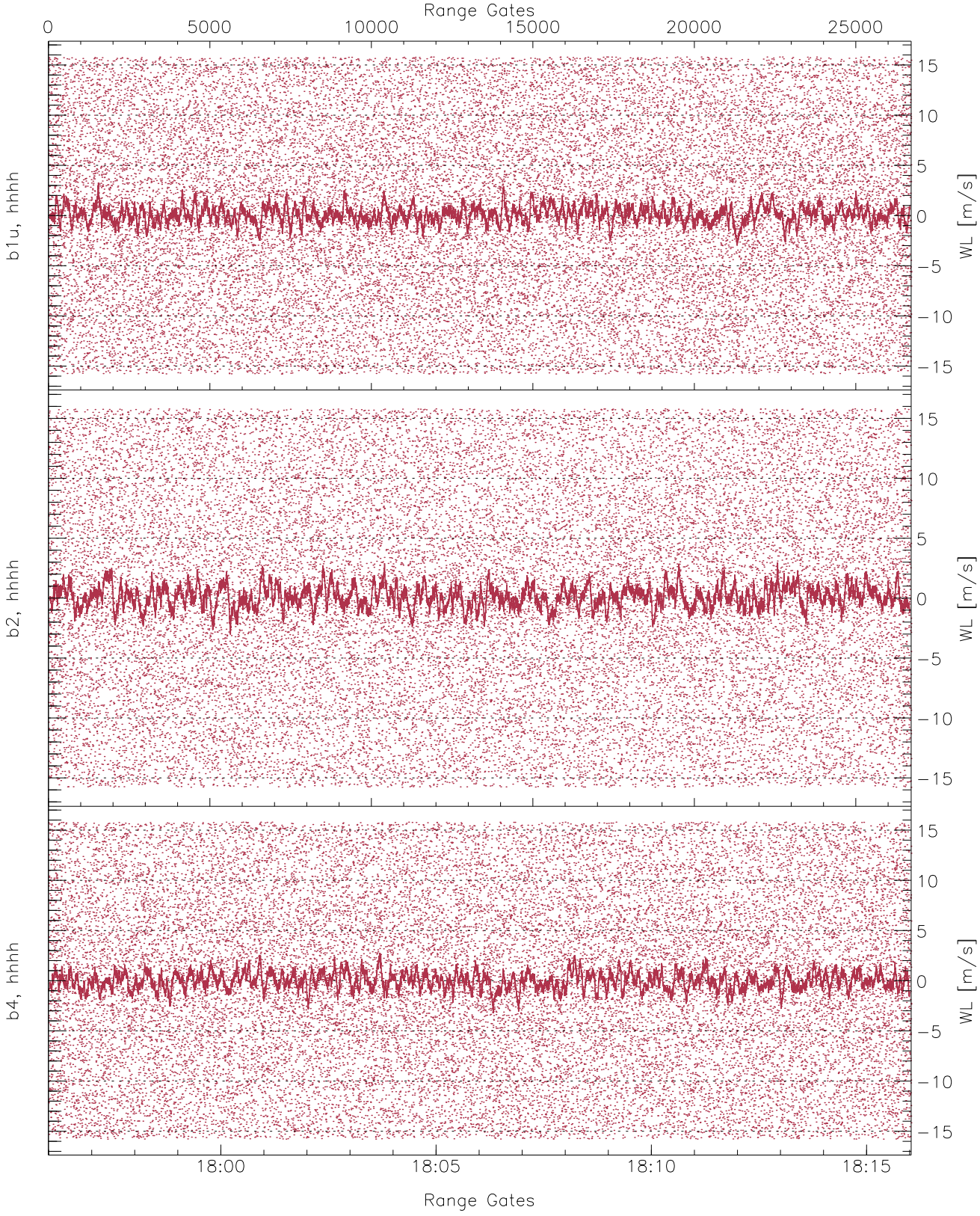
	Min	Max	Mean	Median	StDev
H1RG388_0 [dBm]	-66.61	-64.17	-65.35	-65.36	-76.87
V2RG311_0 [dBm]	-66.33	-63.83	-65.03	-65.04	-76.53
H2RG343_0 [dBm]	-66.53	-63.75	-64.92	-64.92	-76.42



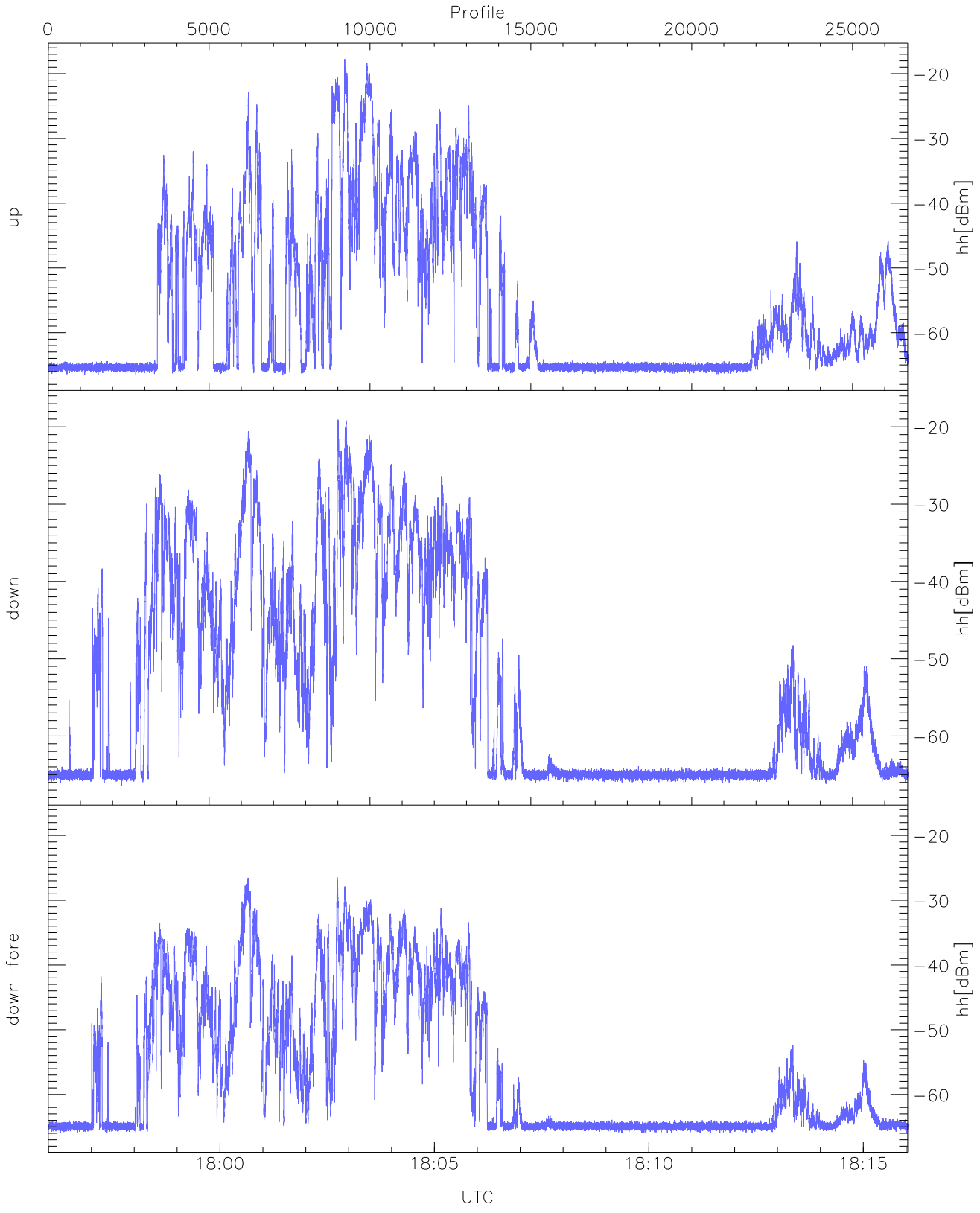
WCR3 CPP Averaged Received power for all recorded gates
blue: 175600-180601, 13359 profiles averaged
red: 180601-181602, 13358 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 175600-180601, 13359 profiles averaged
red: 180601-181602, 13358 profiles averaged

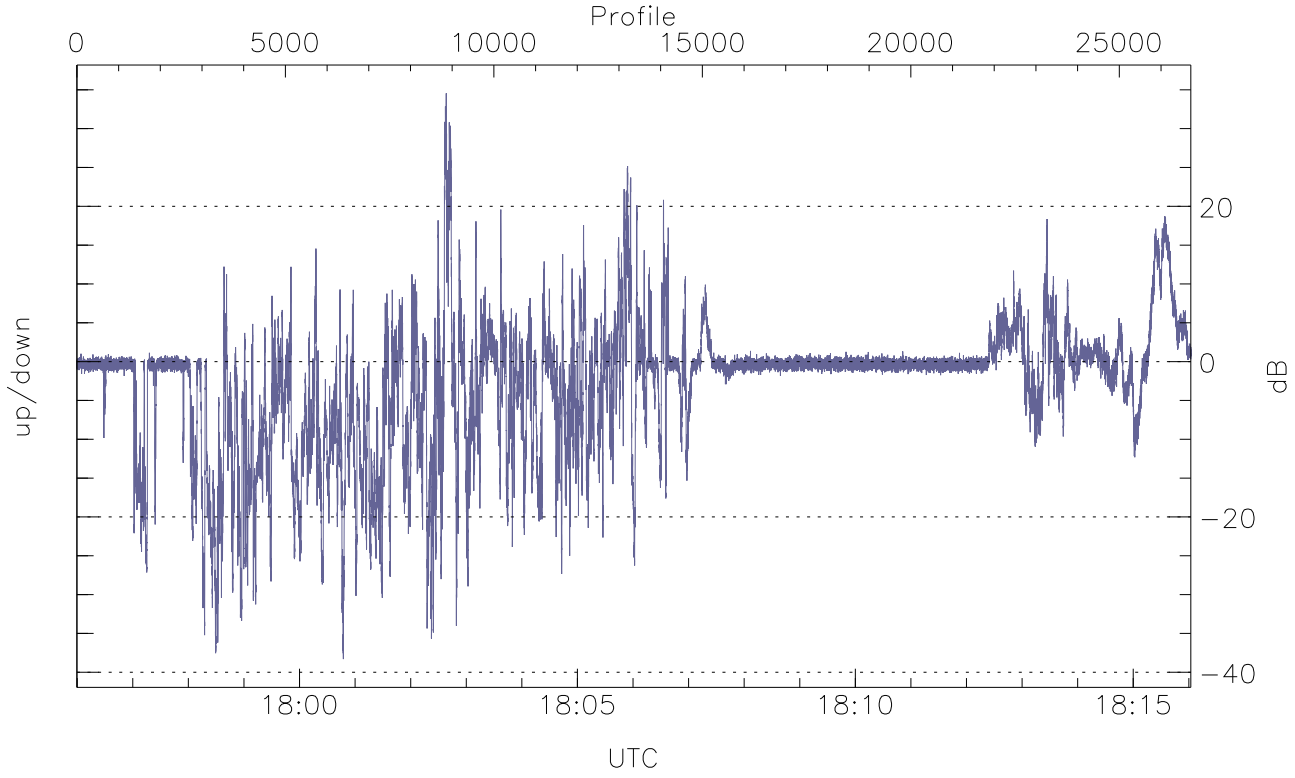


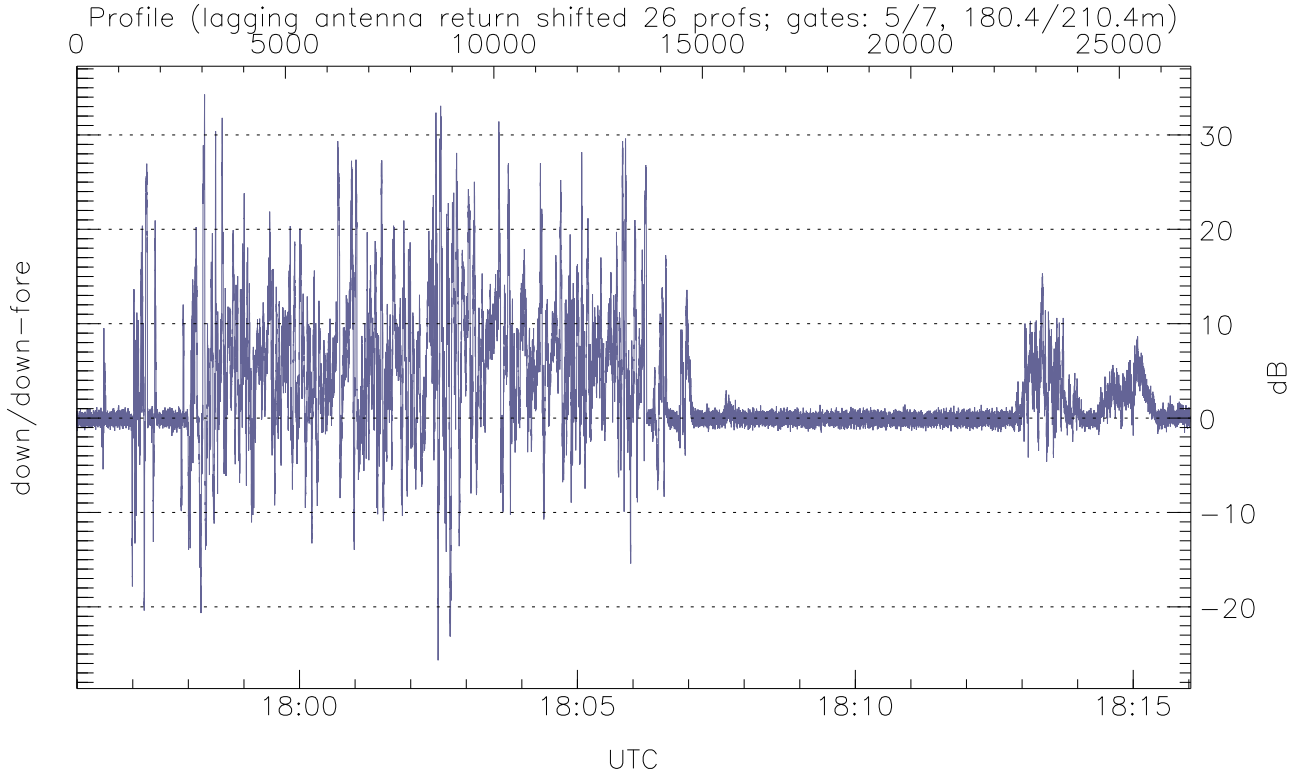
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

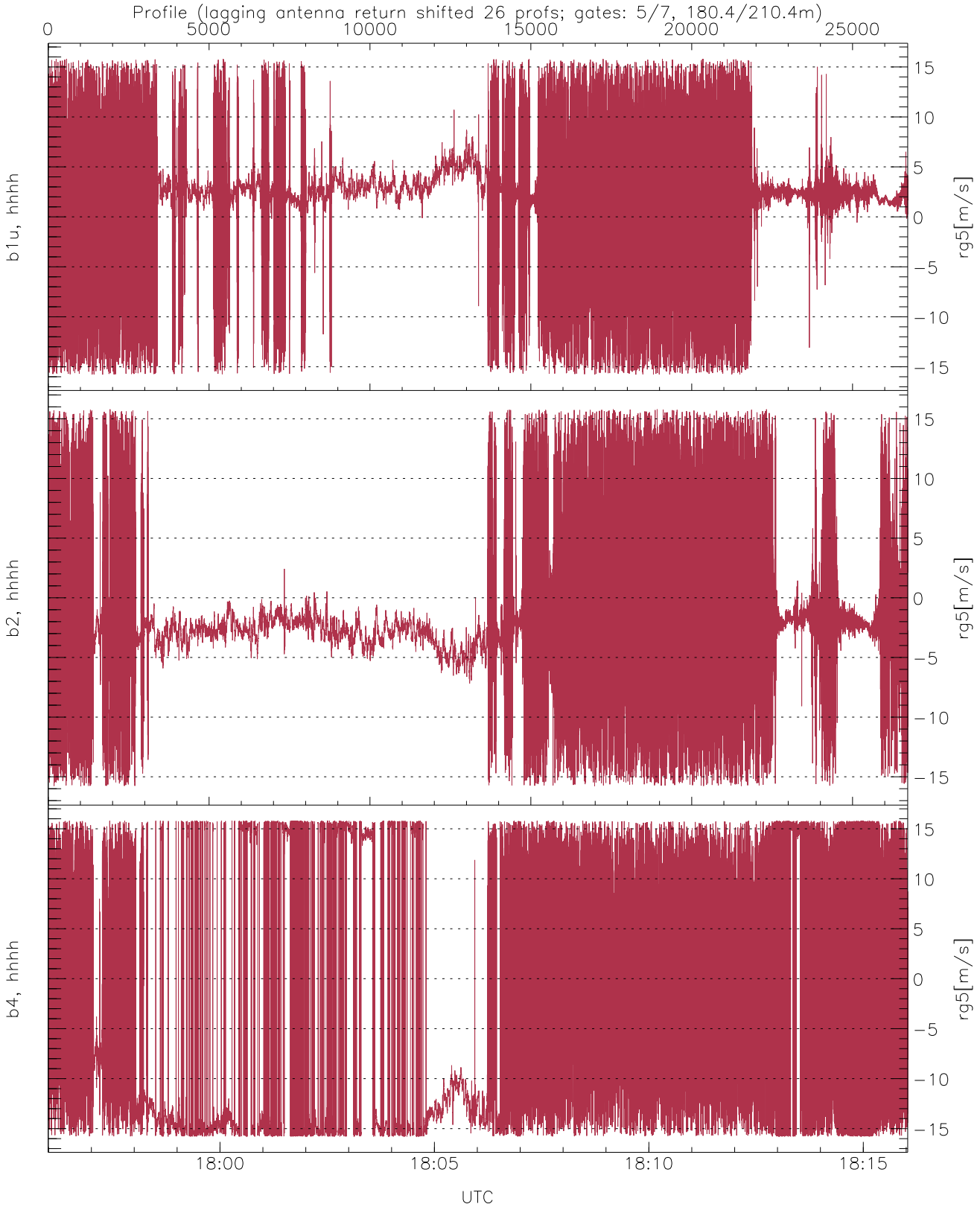
	Min	Max	Mean
up(hh[dBm])	-66.50	-17.73	-37.22
down(hh[dBm])	-66.43	-19.07	-36.23
down-fore(hh[dBm])	-66.13	-26.46	-42.67





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

	Min	Max	Mean
up/down(dB)	-38.30	34.55	-2.79
down/down-fore(dB)	-25.66	34.28	2.98



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.48	6.10
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.58	5.76
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.11	12.10