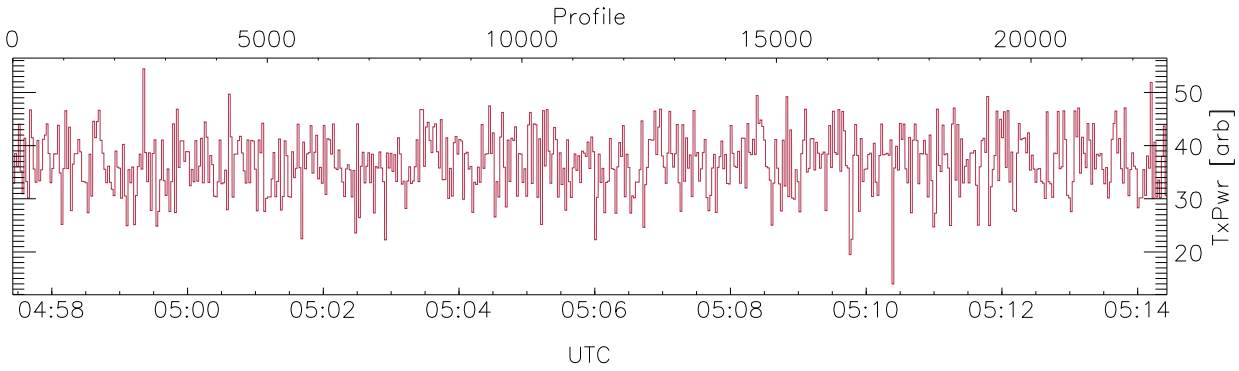
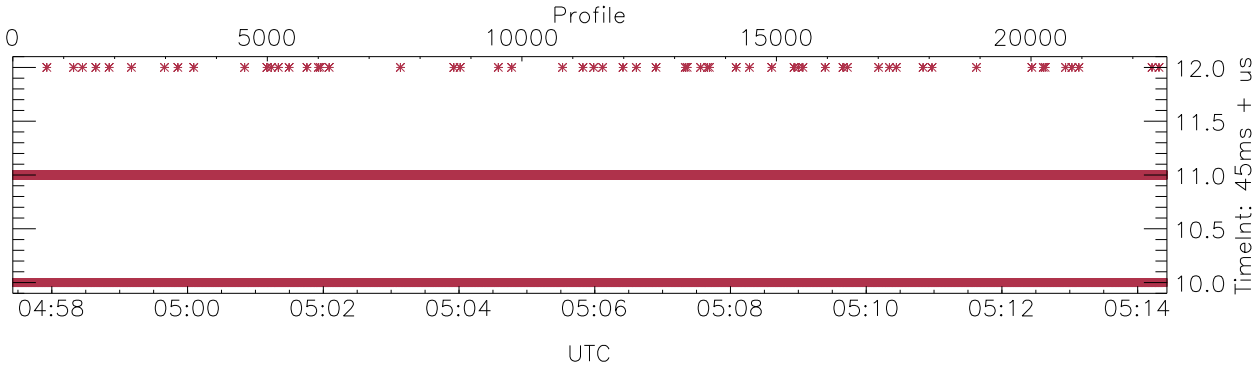
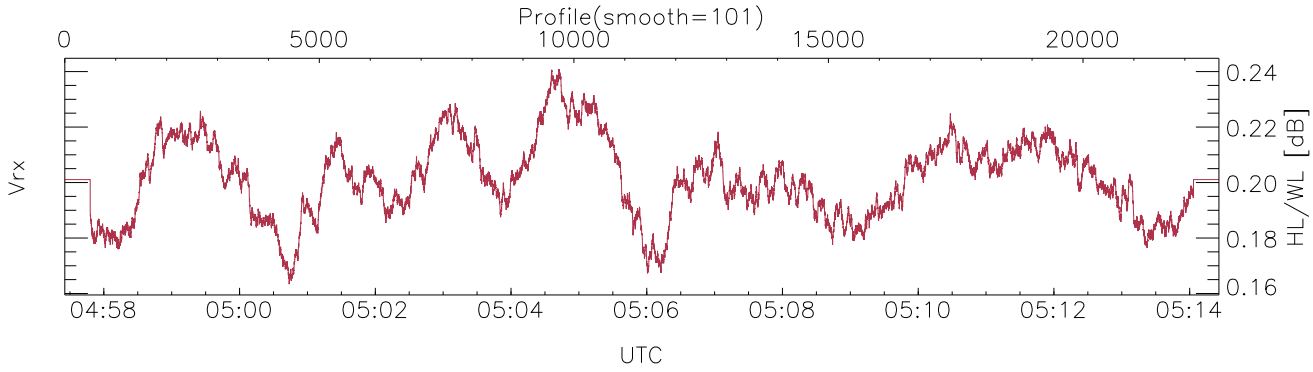
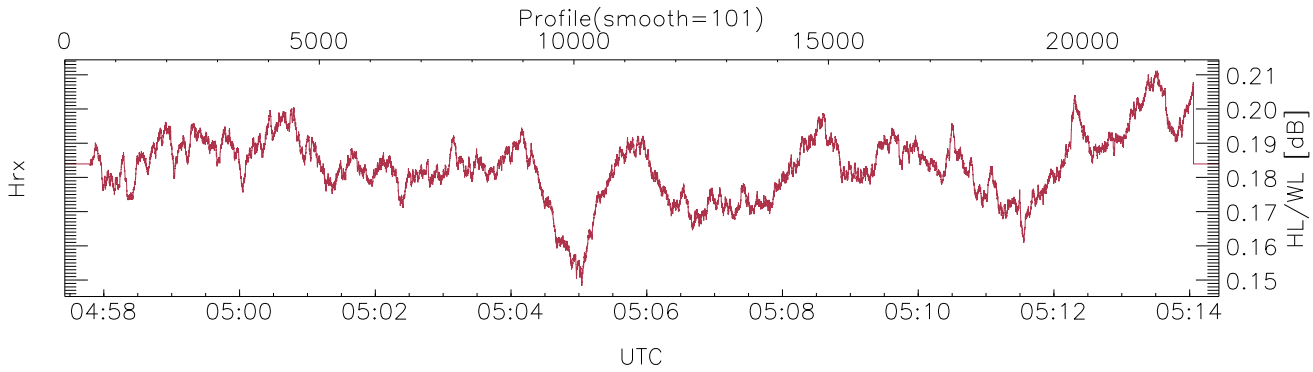


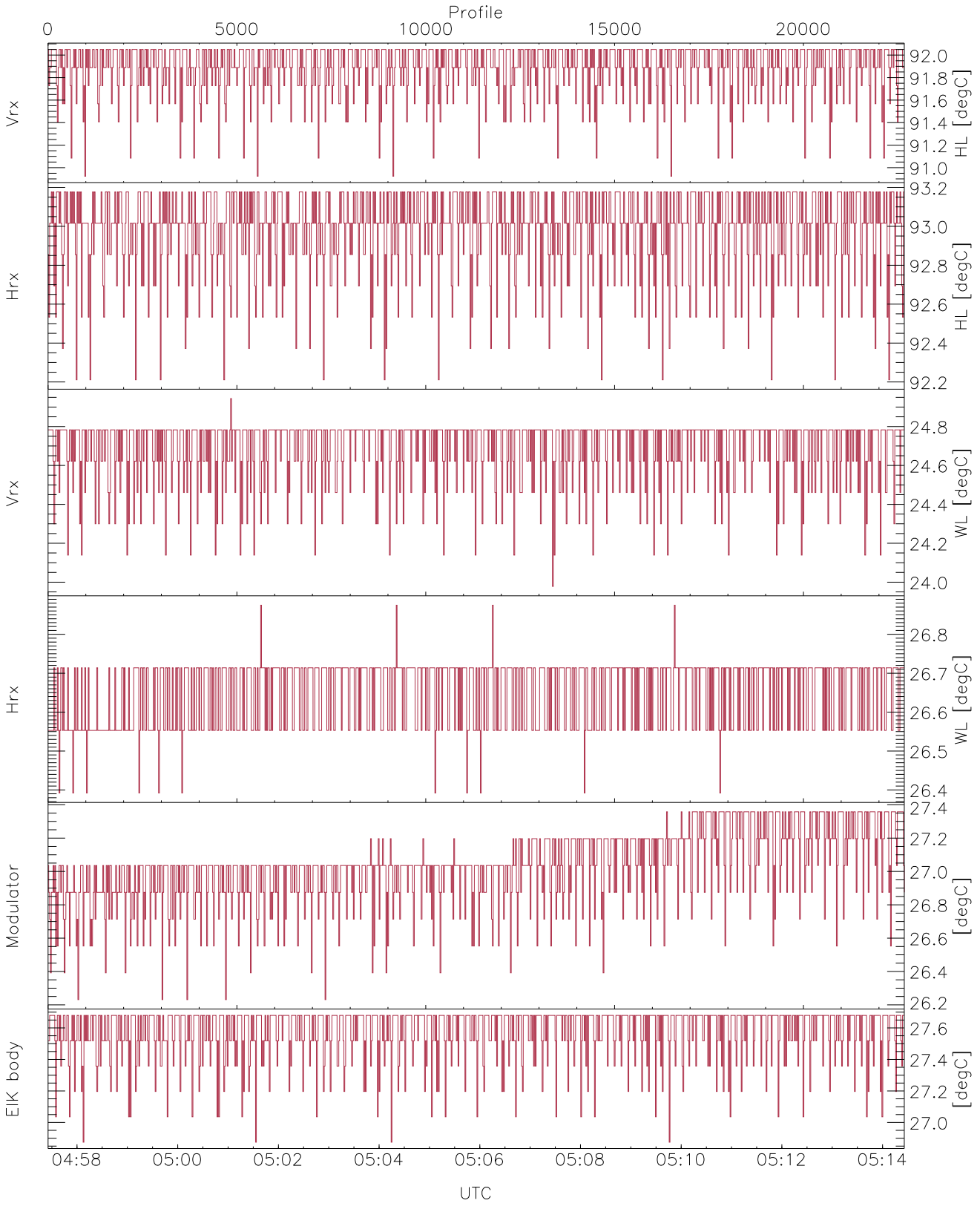






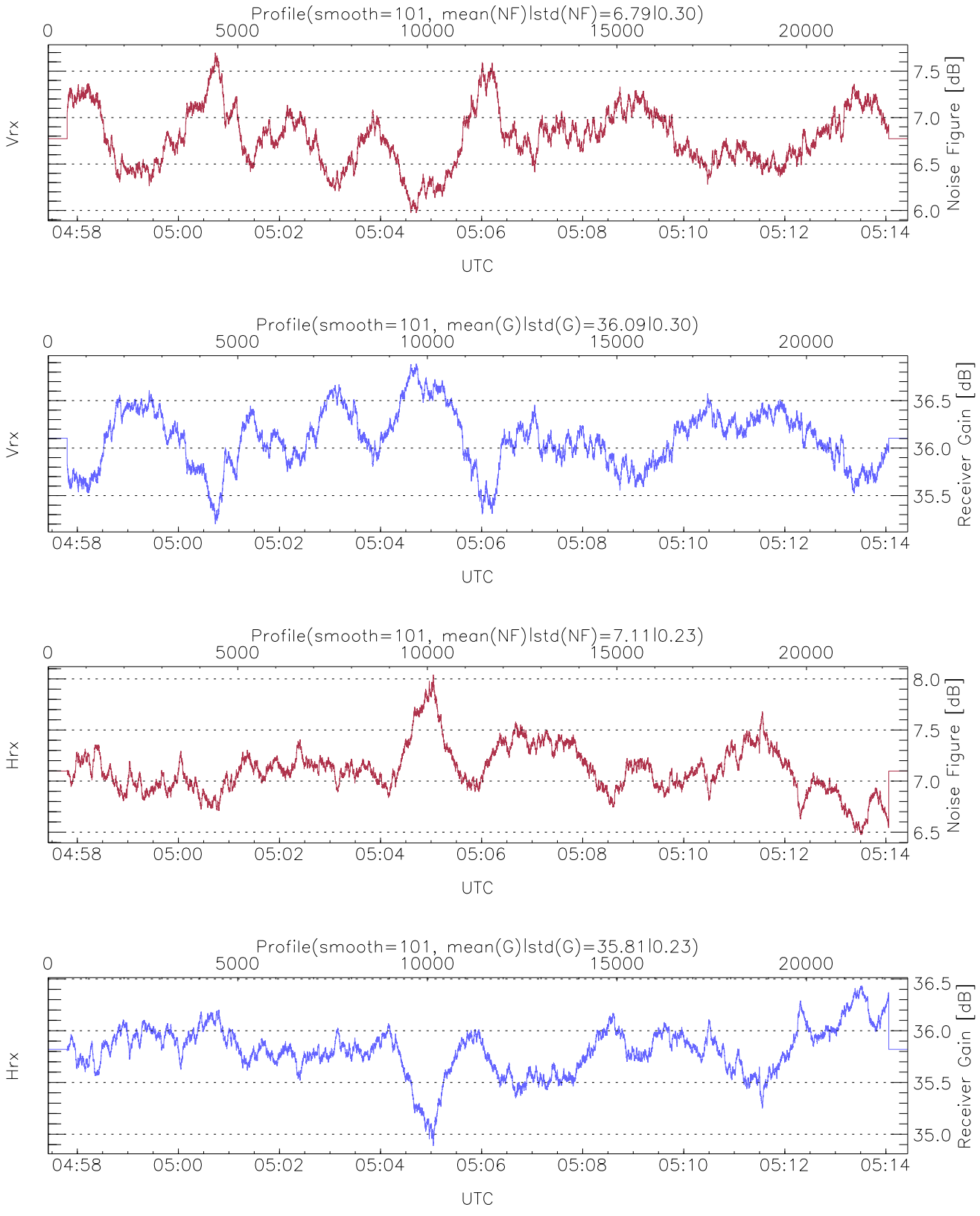
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 04:57:25-05:14:26, 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, 0-22671/04:57:25-05:14:26
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



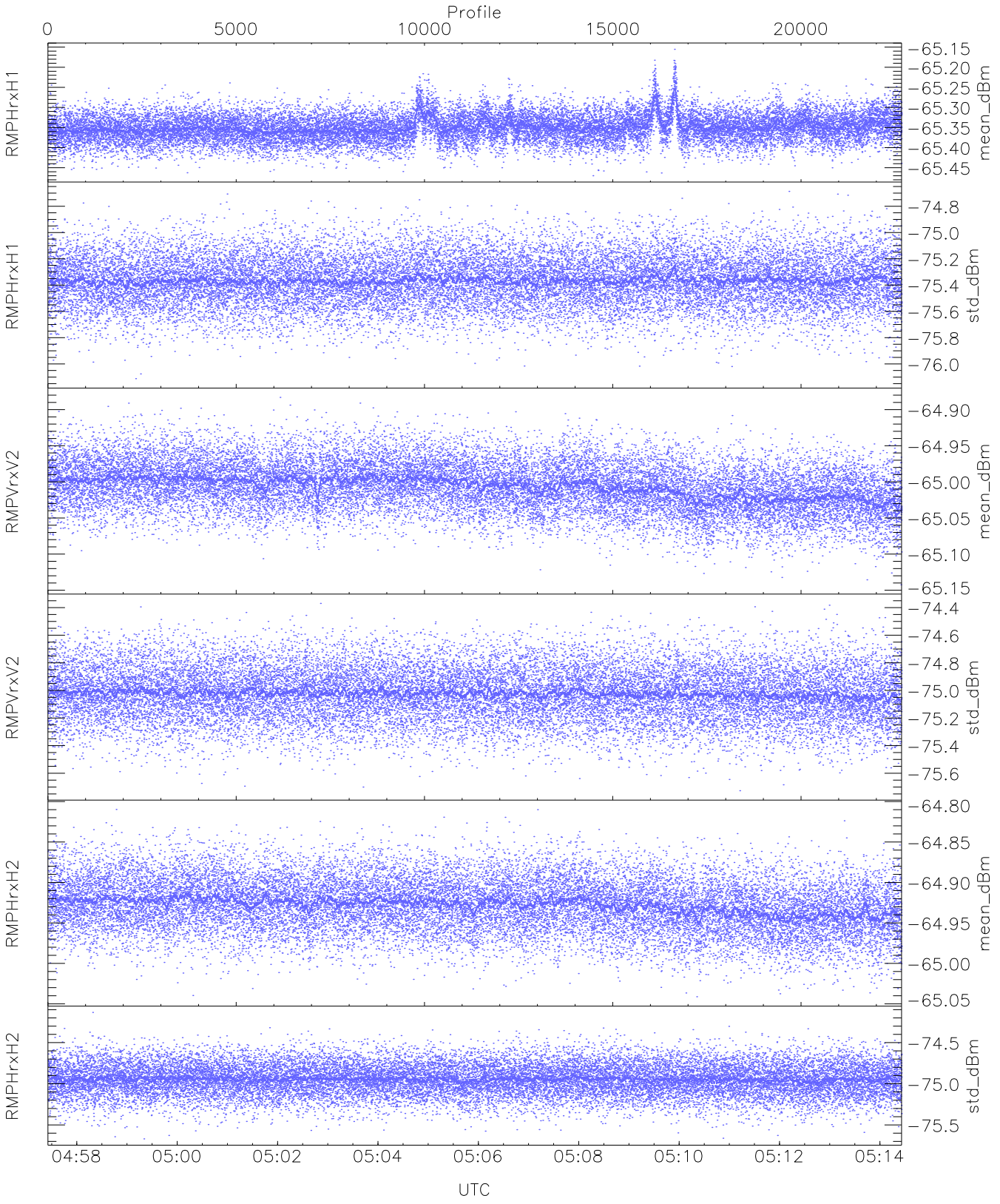
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,26,26,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,26,27,27
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,46,46,46,46,46)



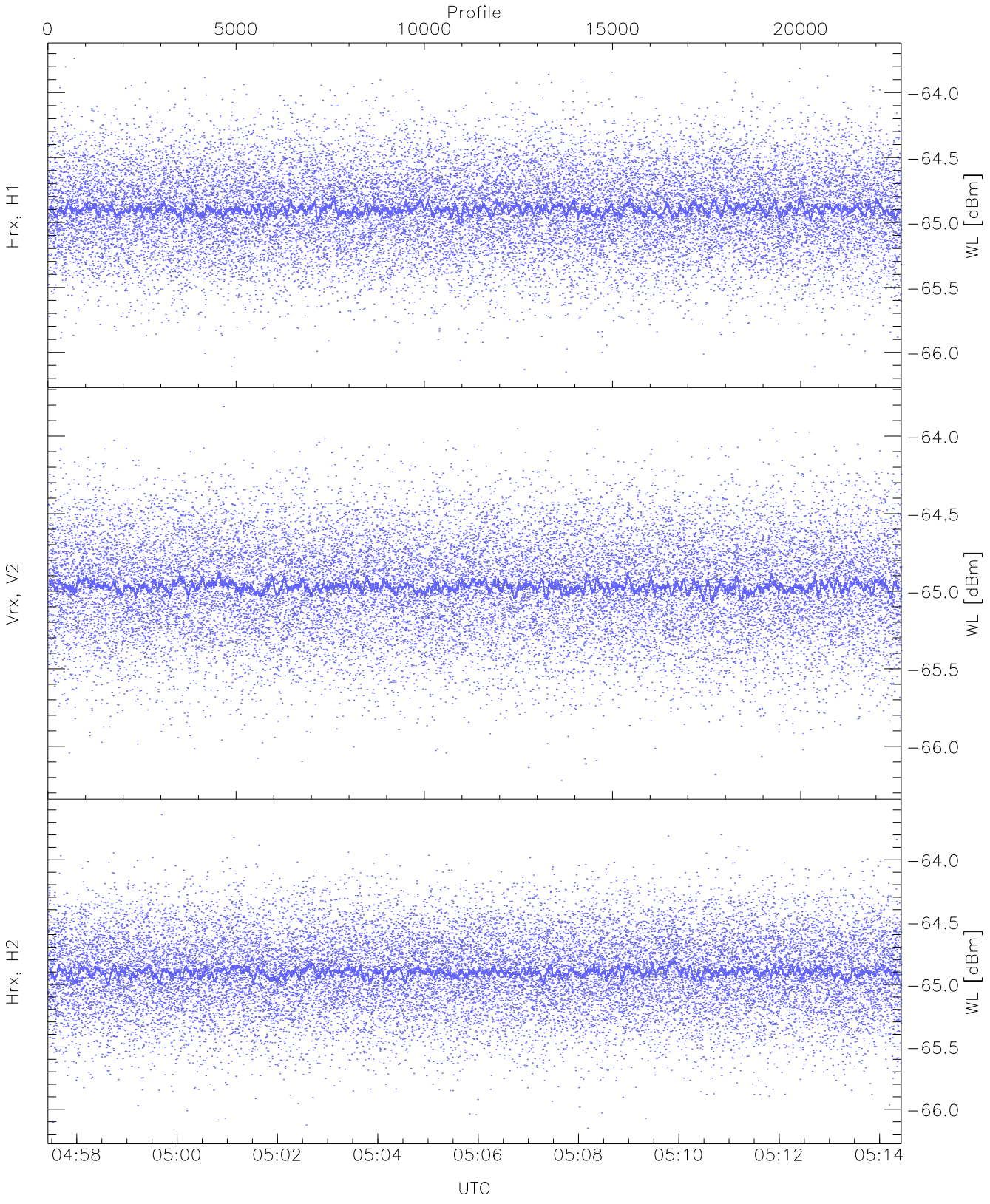
WCR3 CPP Receivers Gain and Noise Figure

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



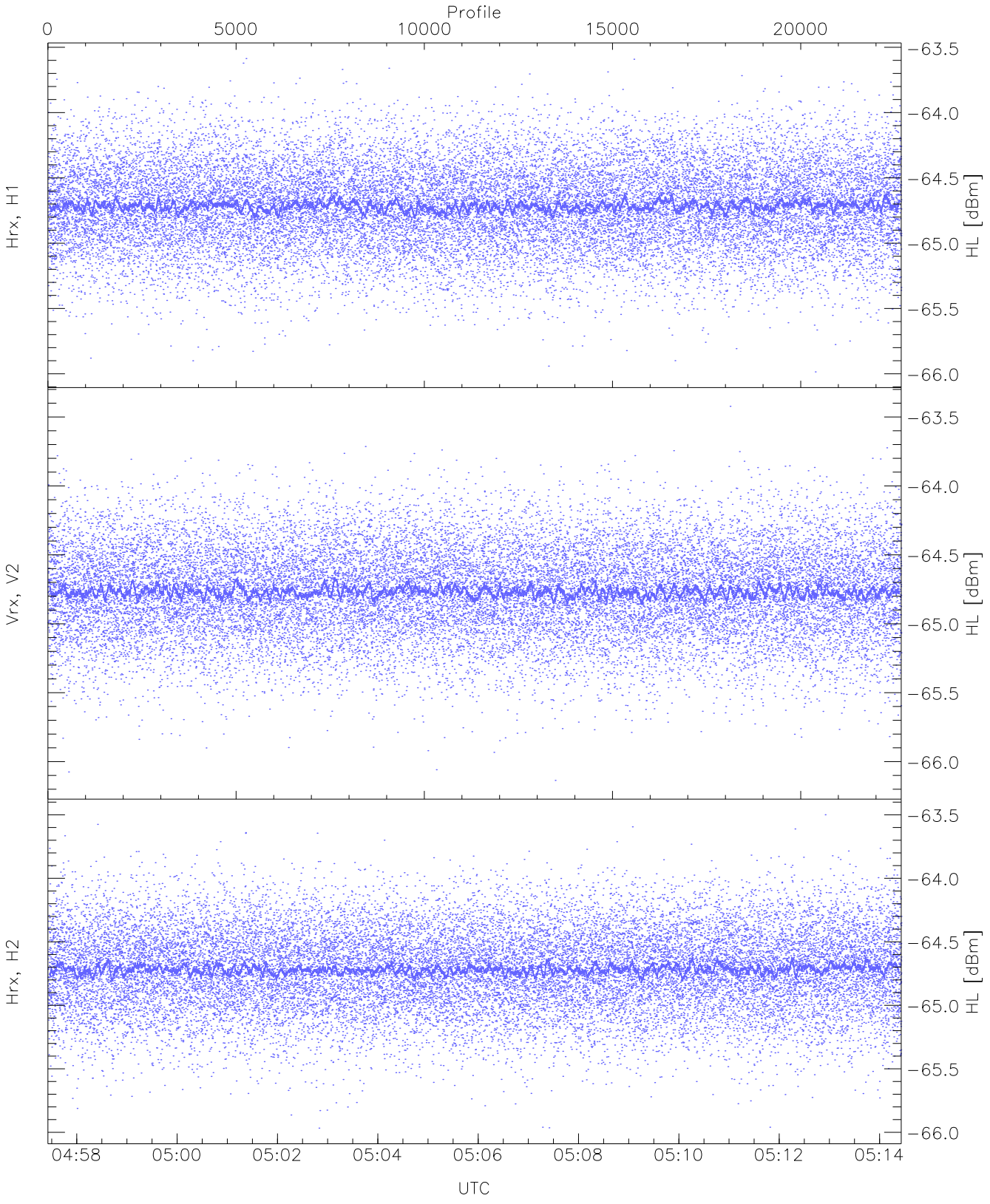
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.47	-65.16	-65.35	-65.35	-86.52
RMPHrxH1(std_dBm)	-76.11	-74.69	-75.36	-75.37	-89.18
RMPVrxV2(mean_dBm)	-65.14	-64.88	-65.01	-65.01	-86.27
RMPVrxV2(std_dBm)	-75.73	-74.37	-75.02	-75.03	-88.80
RMPHrxH2(mean_dBm)	-65.04	-64.81	-64.93	-64.93	-86.39
RMPHrxH2(std_dBm)	-75.67	-74.13	-74.94	-74.95	-88.73



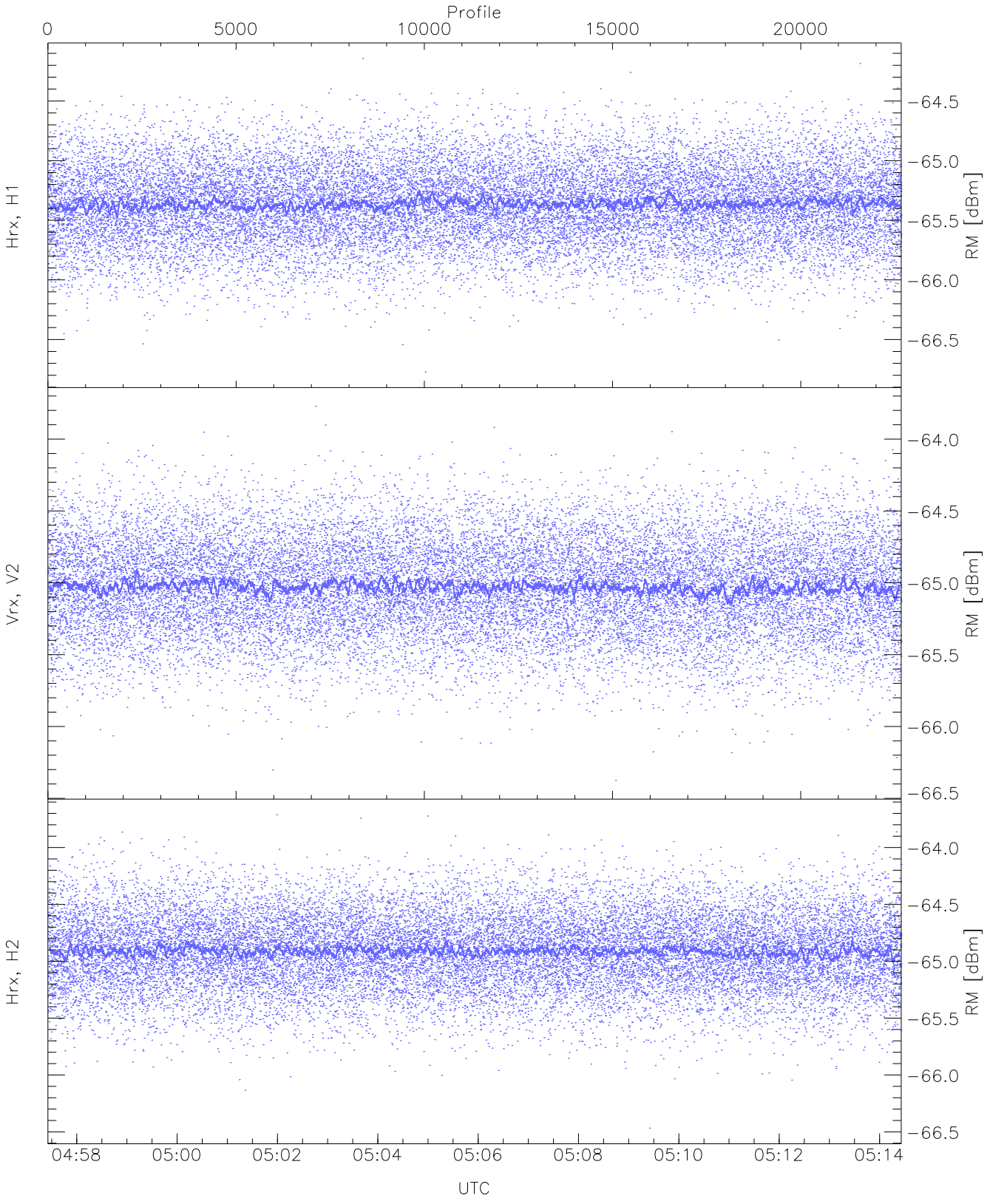
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.15	-63.74	-64.89	-64.90	-76.40
Vrx, V2(WL [dBm])	-66.22	-63.81	-64.96	-64.97	-76.50
Hrx, H2(WL [dBm])	-66.15	-63.64	-64.89	-64.90	-76.42



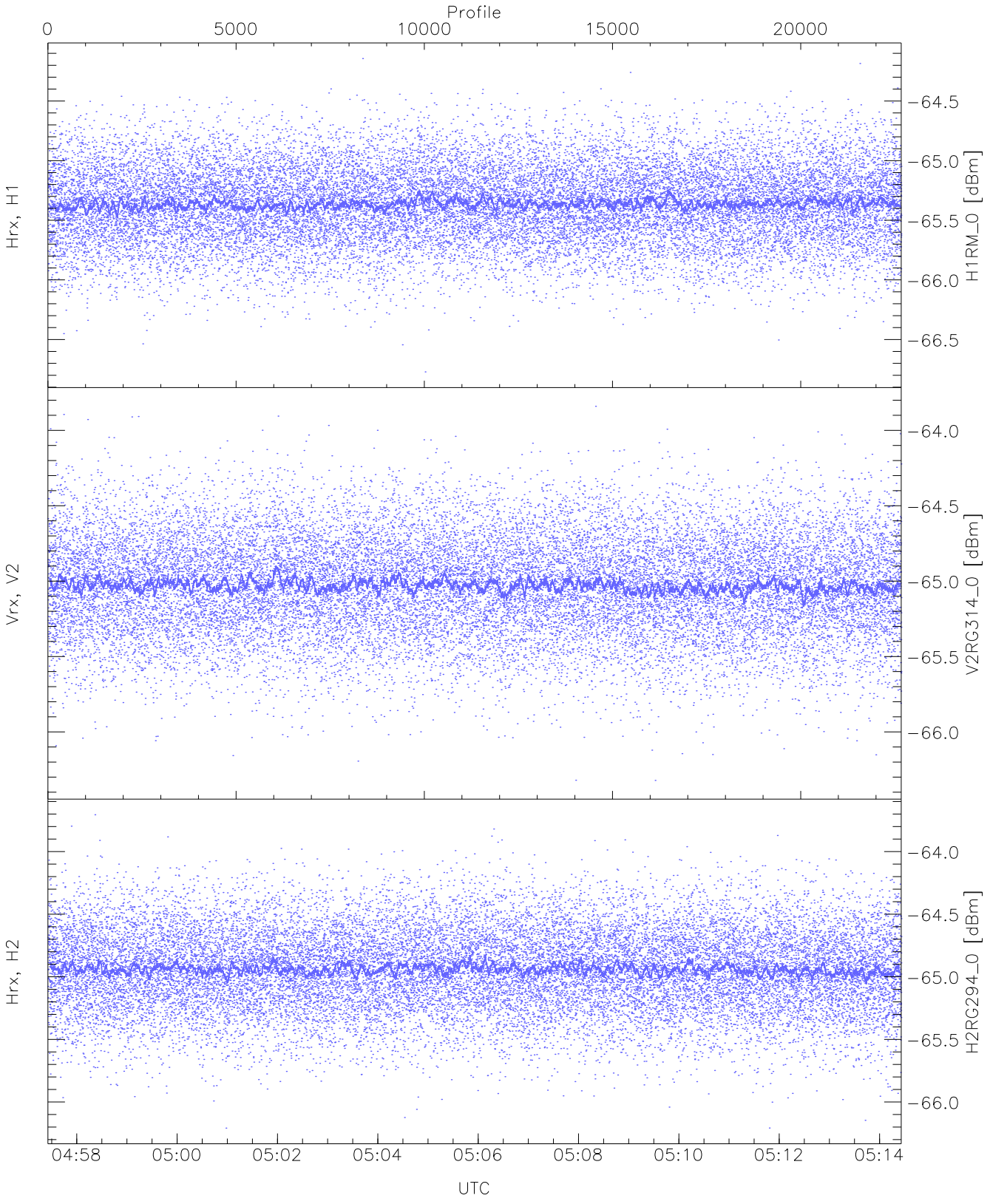
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.99	-63.59	-64.71	-64.72	-76.24
Vrx, V2(HL [dBm])	-66.14	-63.42	-64.76	-64.77	-76.25
Hrx, H2(HL [dBm])	-65.97	-63.50	-64.71	-64.72	-76.24



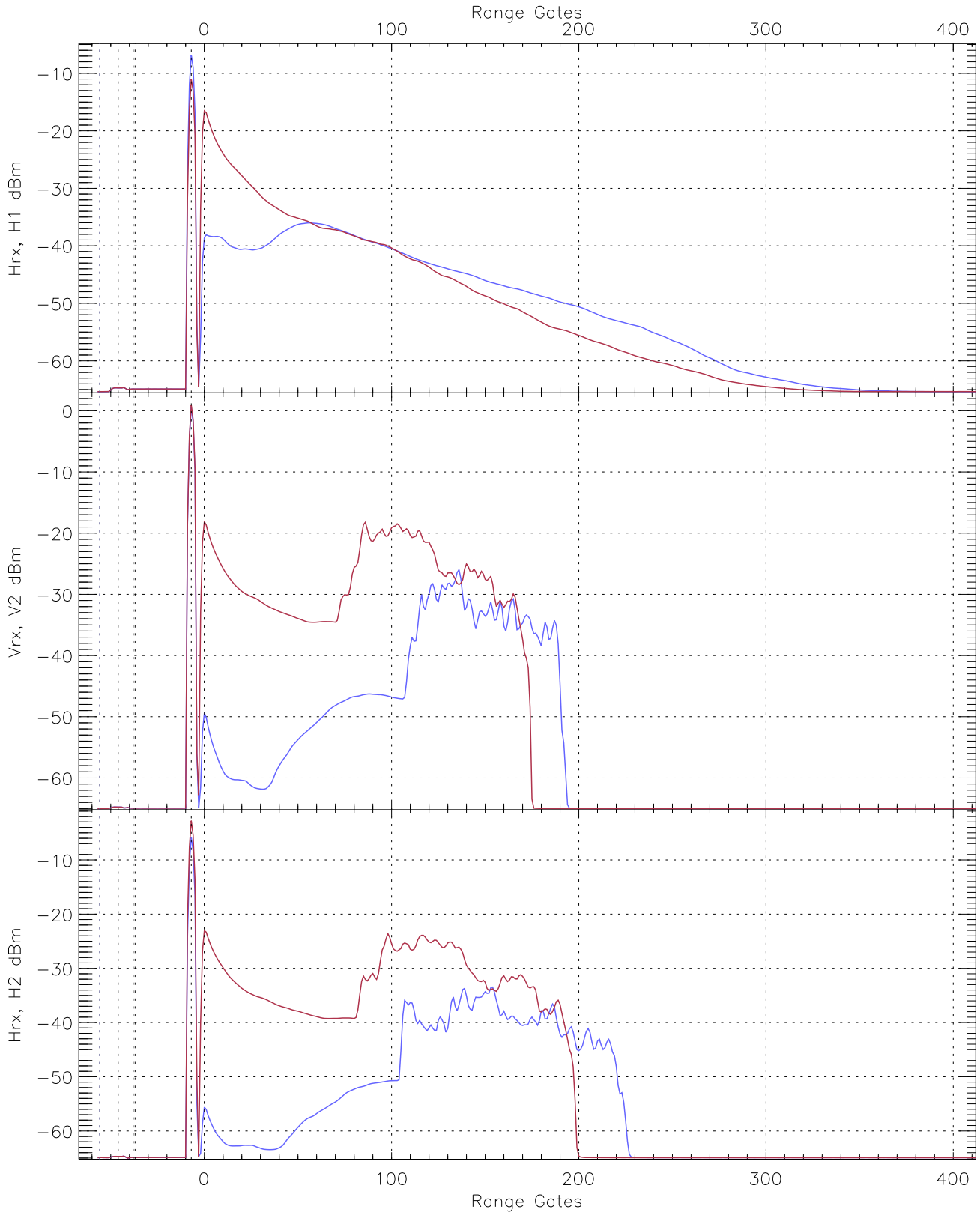
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.77	-64.14	-65.36	-65.36	-76.87
Vrx, V2(RM [dBm])	-66.38	-63.77	-65.02	-65.03	-76.53
Hrx, H2(RM [dBm])	-66.47	-63.71	-64.91	-64.91	-76.41

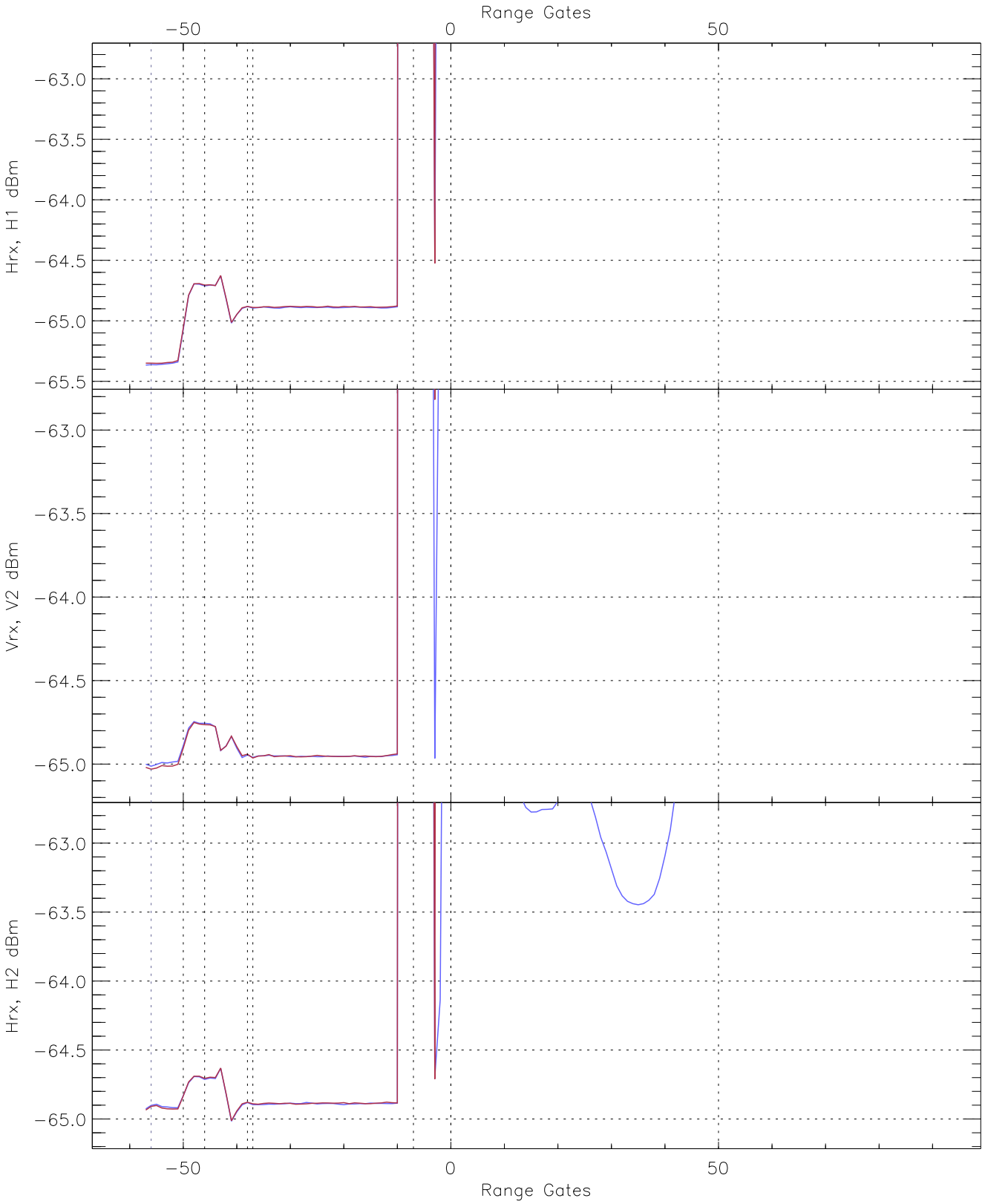


WCR3 CPP "Best" estimate Receivers Noise Power

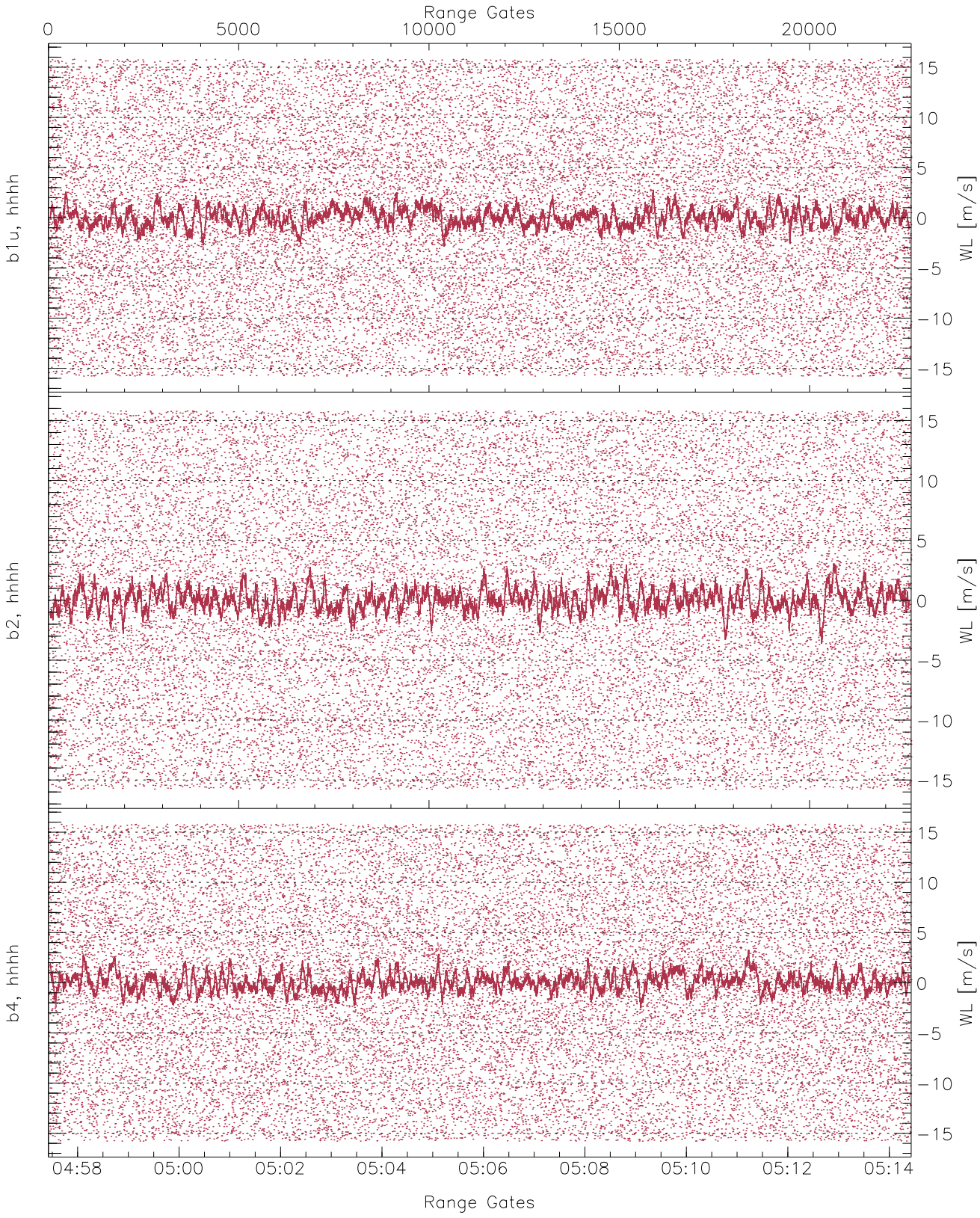
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.77	-64.14	-65.36	-65.36	-76.87
V2RG314_0 [dBm]	-66.32	-63.84	-65.02	-65.03	-76.51
H2RG294_0 [dBm]	-66.21	-63.71	-64.93	-64.94	-76.42



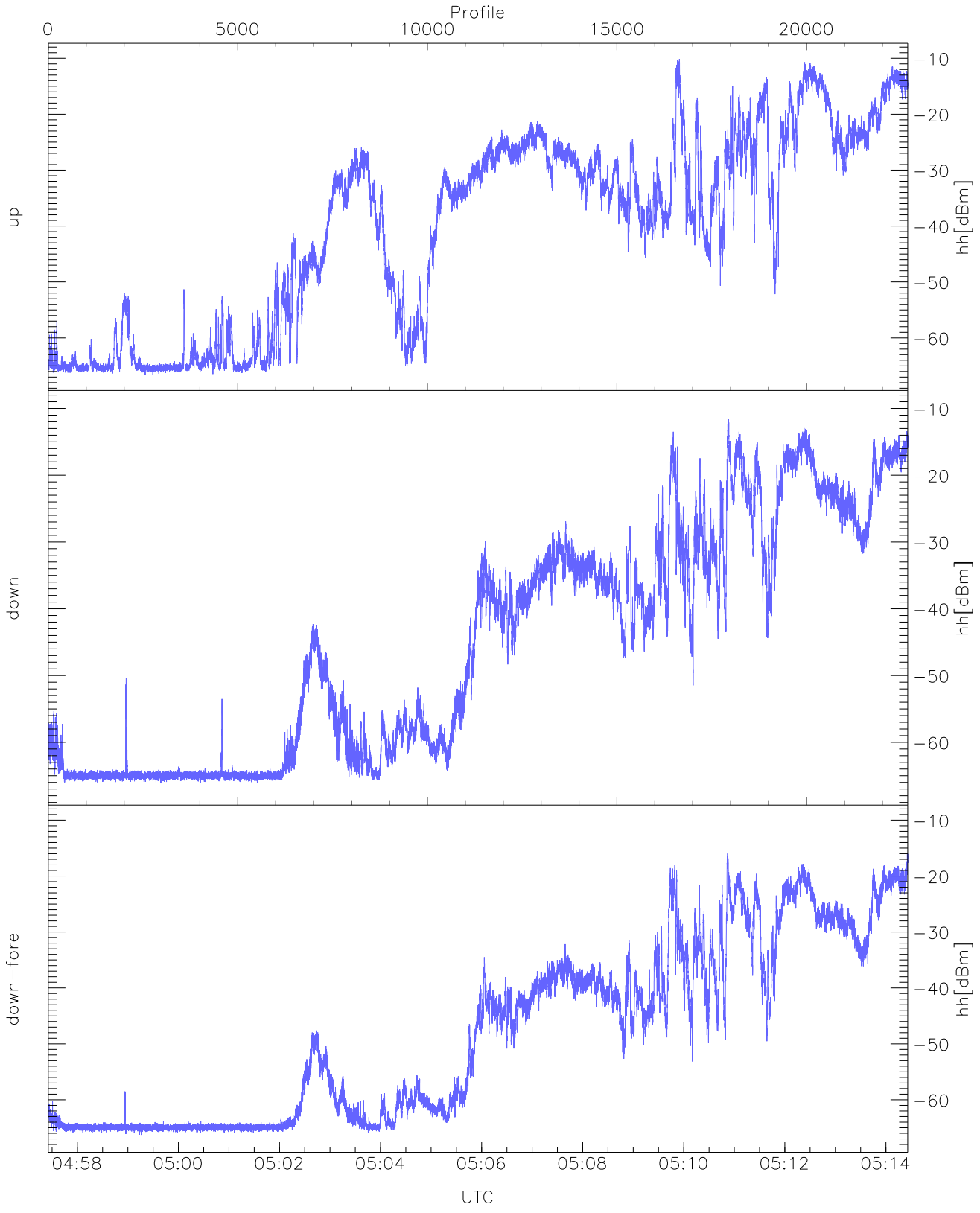
WCR3 CPP Averaged Received power for all recorded gates
blue: 045725-050556, 11337 profiles averaged
red: 050556-051426, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 045725-050556, 11337 profiles averaged
red: 050556-051426, 11336 profiles averaged

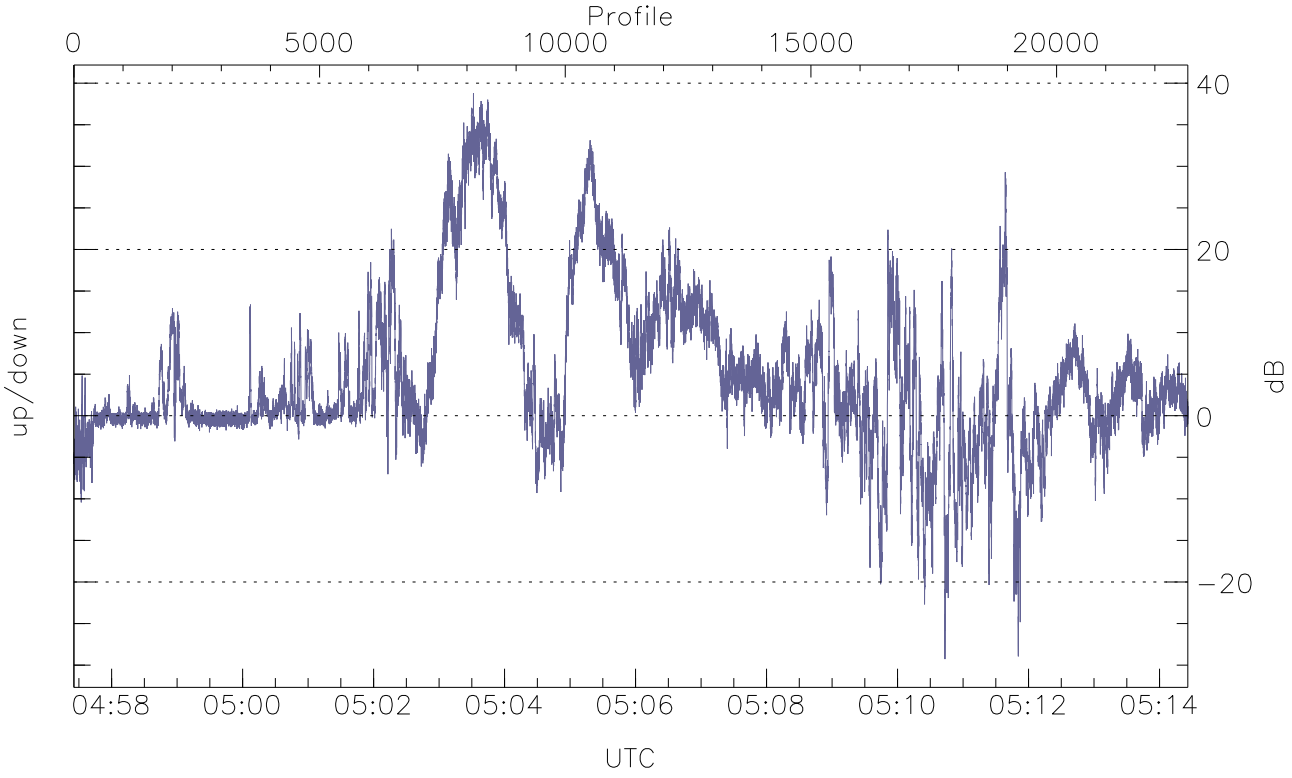


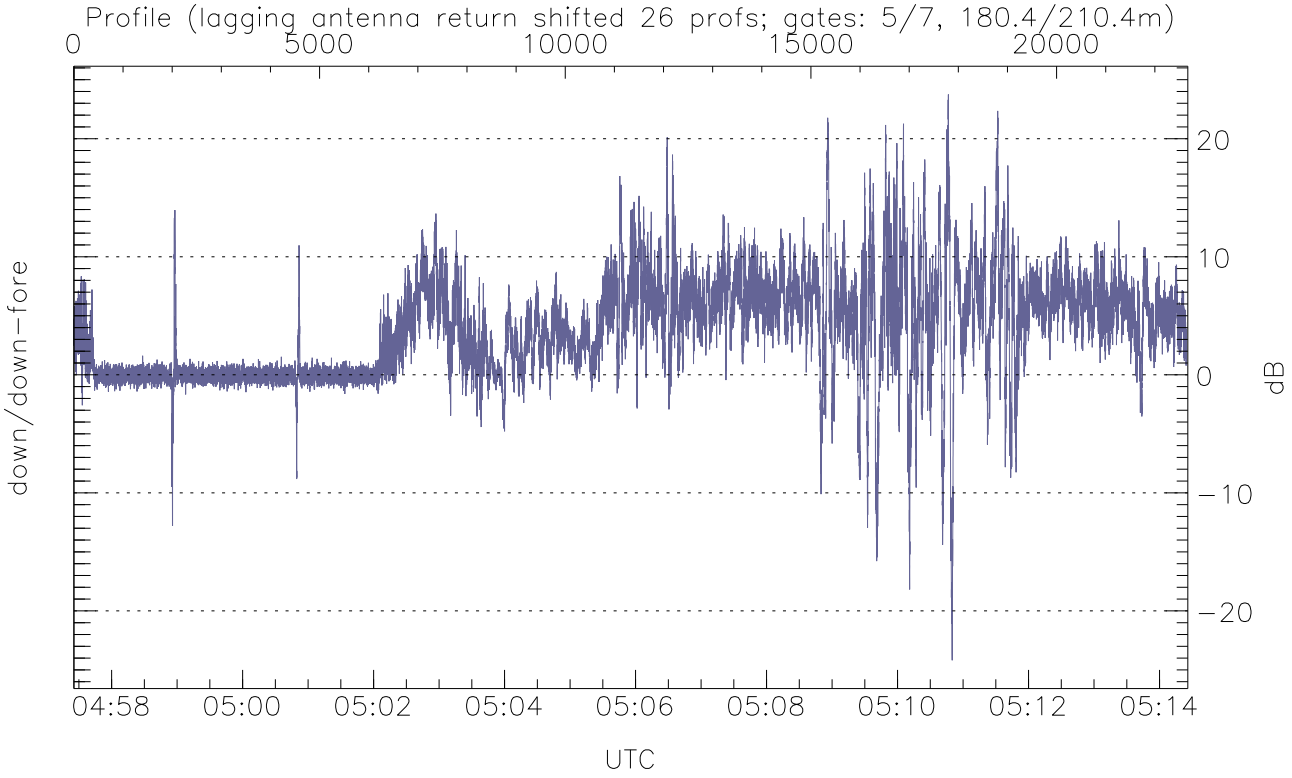
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

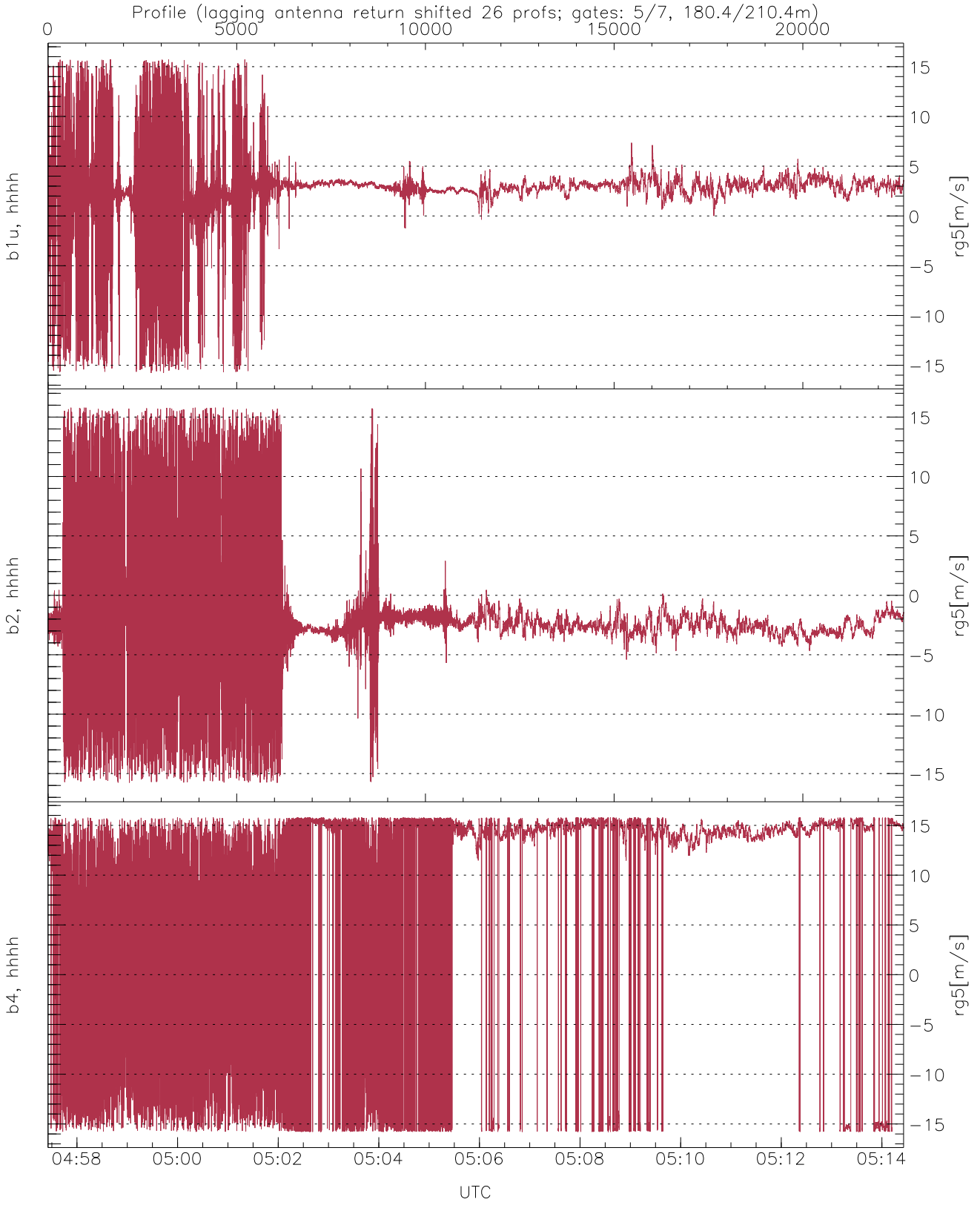
	Min	Max	Mean
up(hh[dBm])	-66.58	-10.13	-23.72
down(hh[dBm])	-66.15	-11.63	-25.57
down-fore(hh[dBm])	-66.28	-15.96	-29.97





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

	Min	Max	Mean
up/down(dB)	-29.27	38.78	5.00
down/down-fore(dB)	-24.18	23.74	3.79



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.74	2.52	3.29
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.83	4.51
b4, hhhh(rg5[m/s])	-15.79	15.79	7.89	10.79