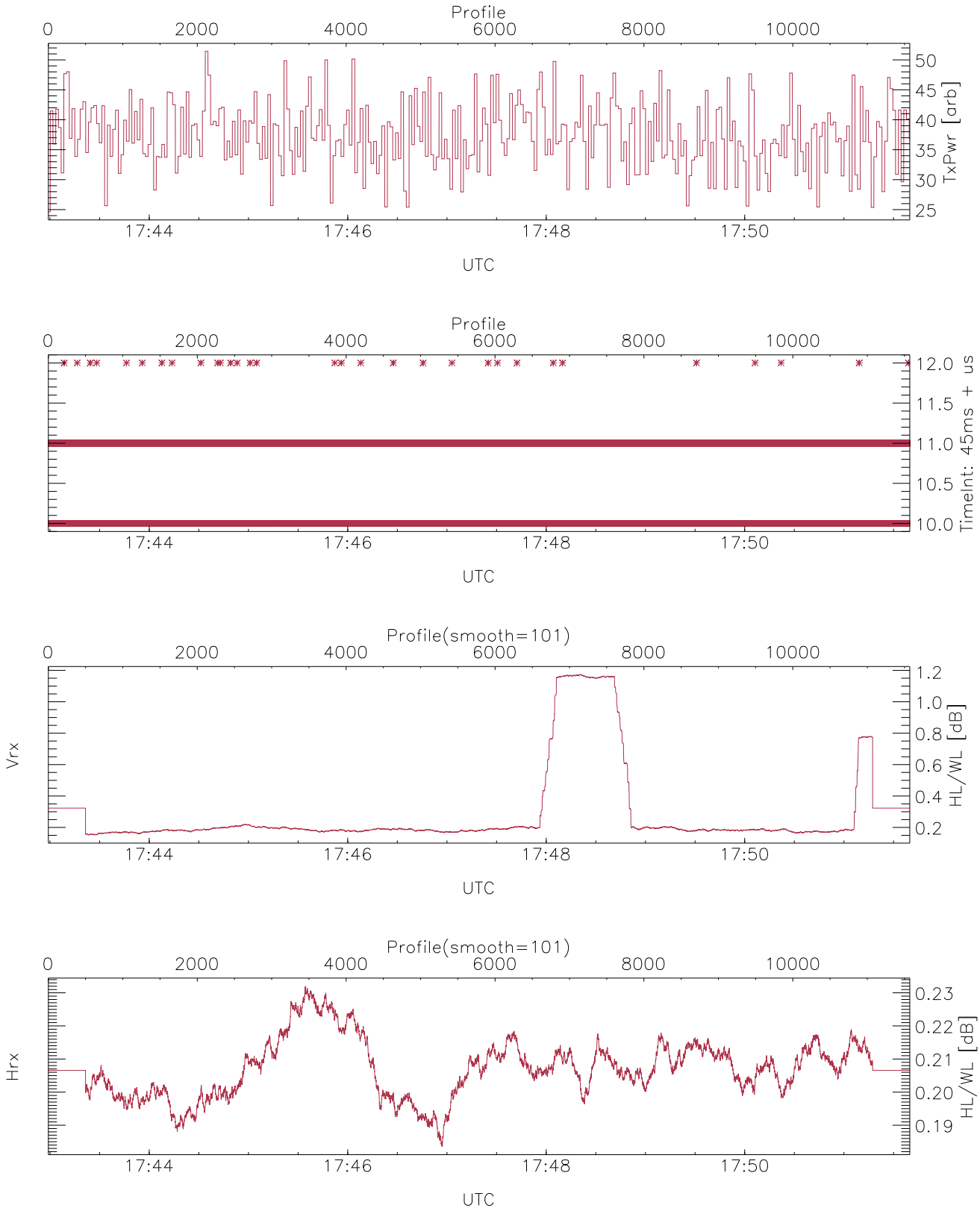
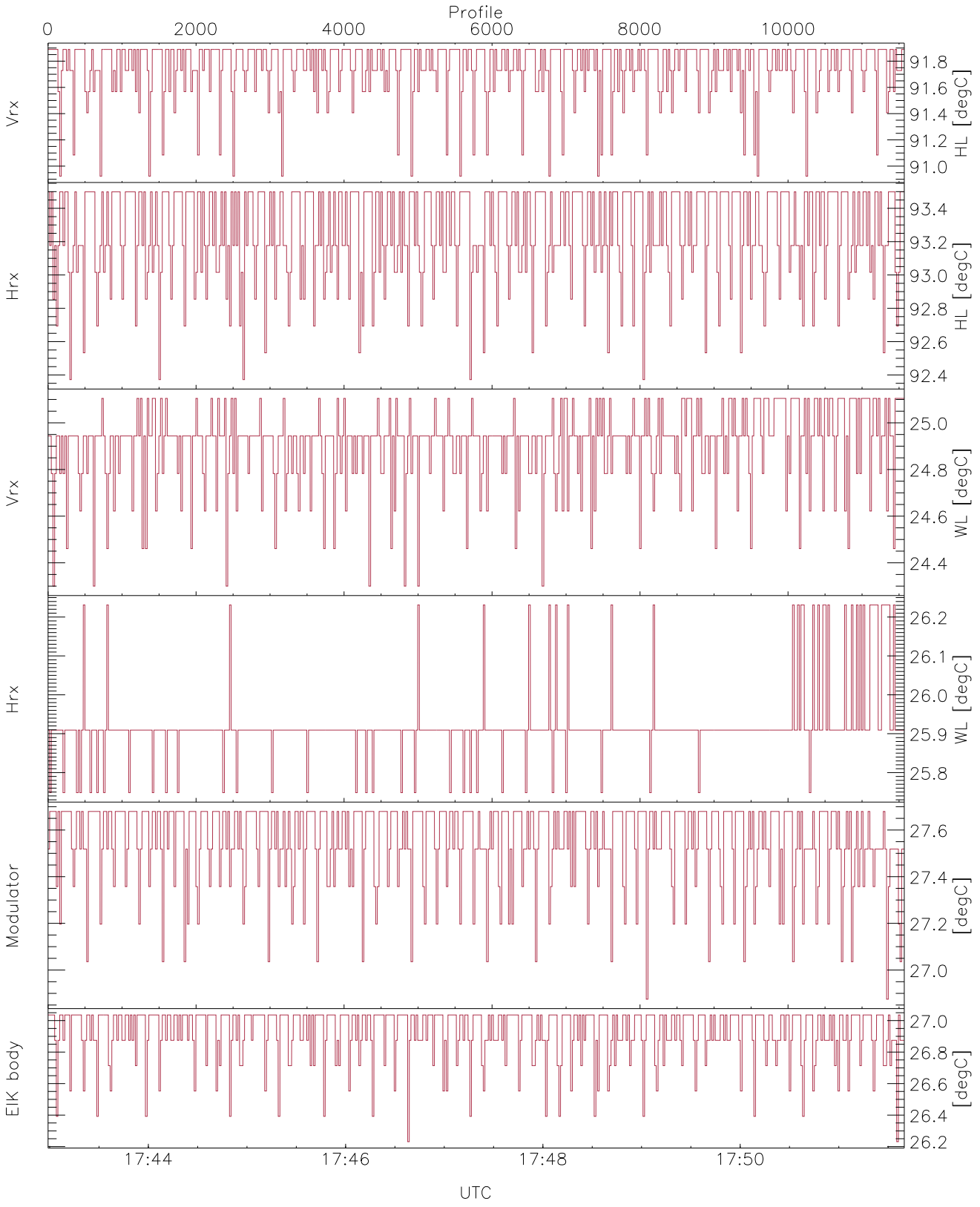


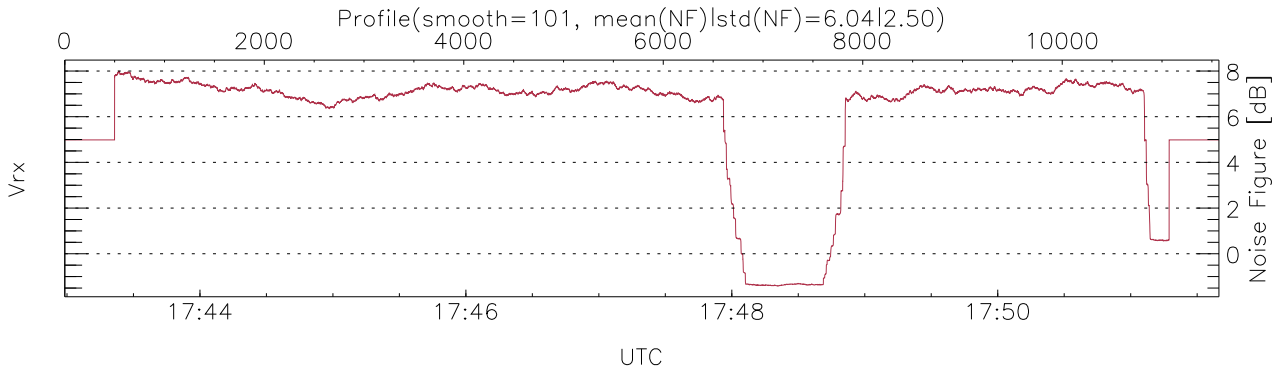
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

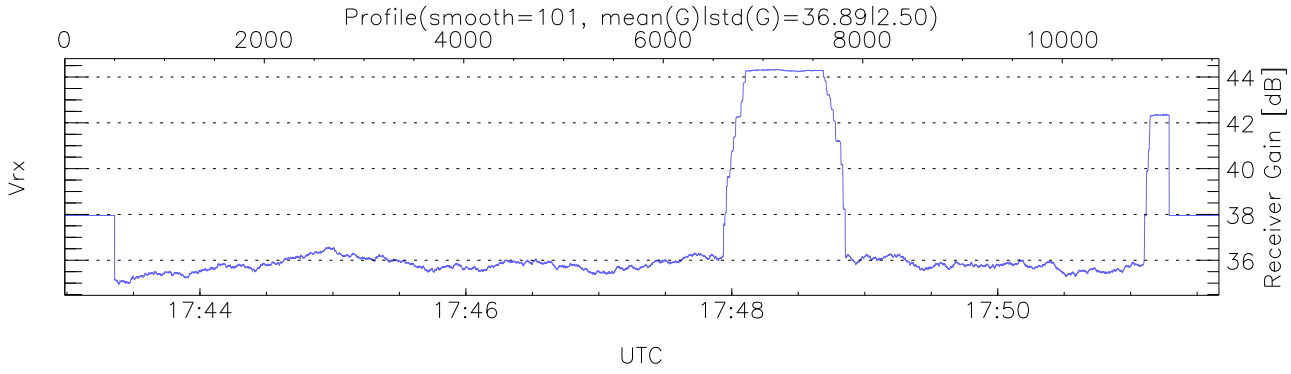
UTC: 17:42:59-17:51:40, TimeCor: 0.00s, Dur: 520.82s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 11572/11572, 0-11571/17:42:59-17:51:40
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

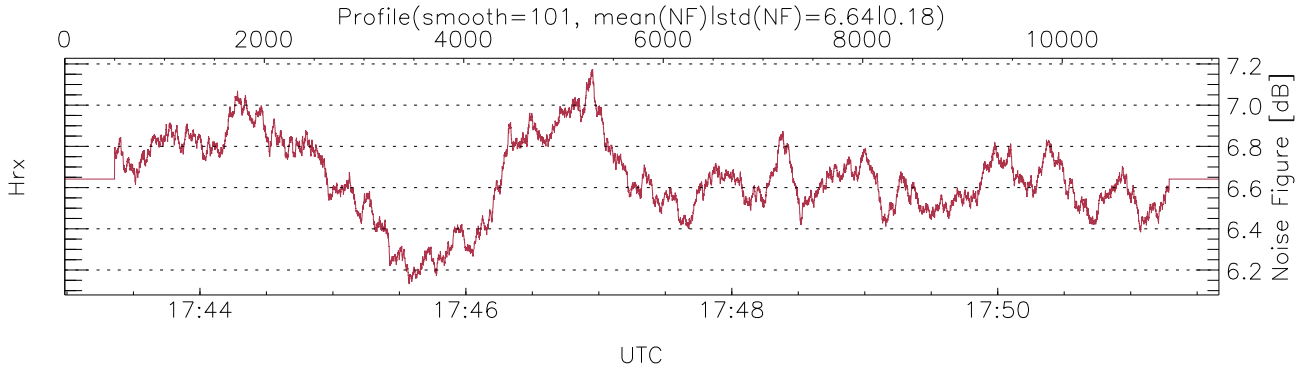


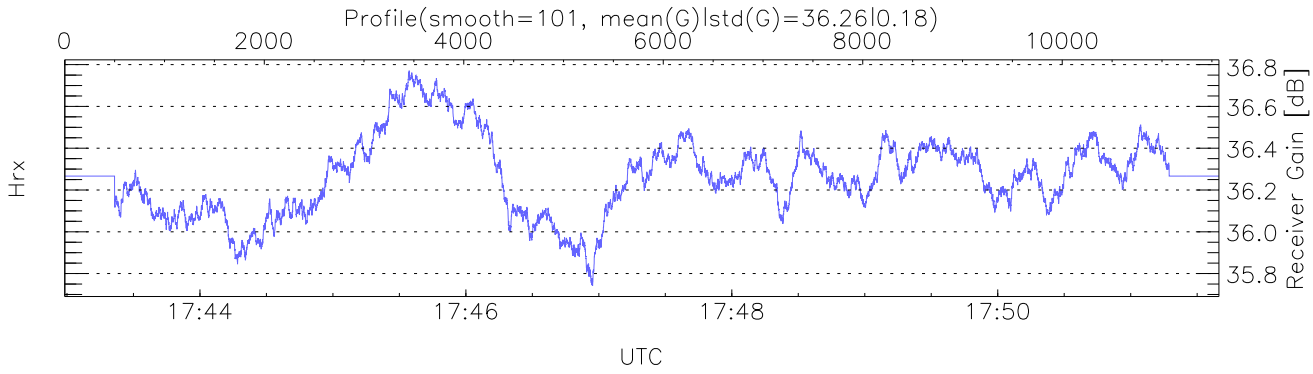
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,26,26
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,26,27,27
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



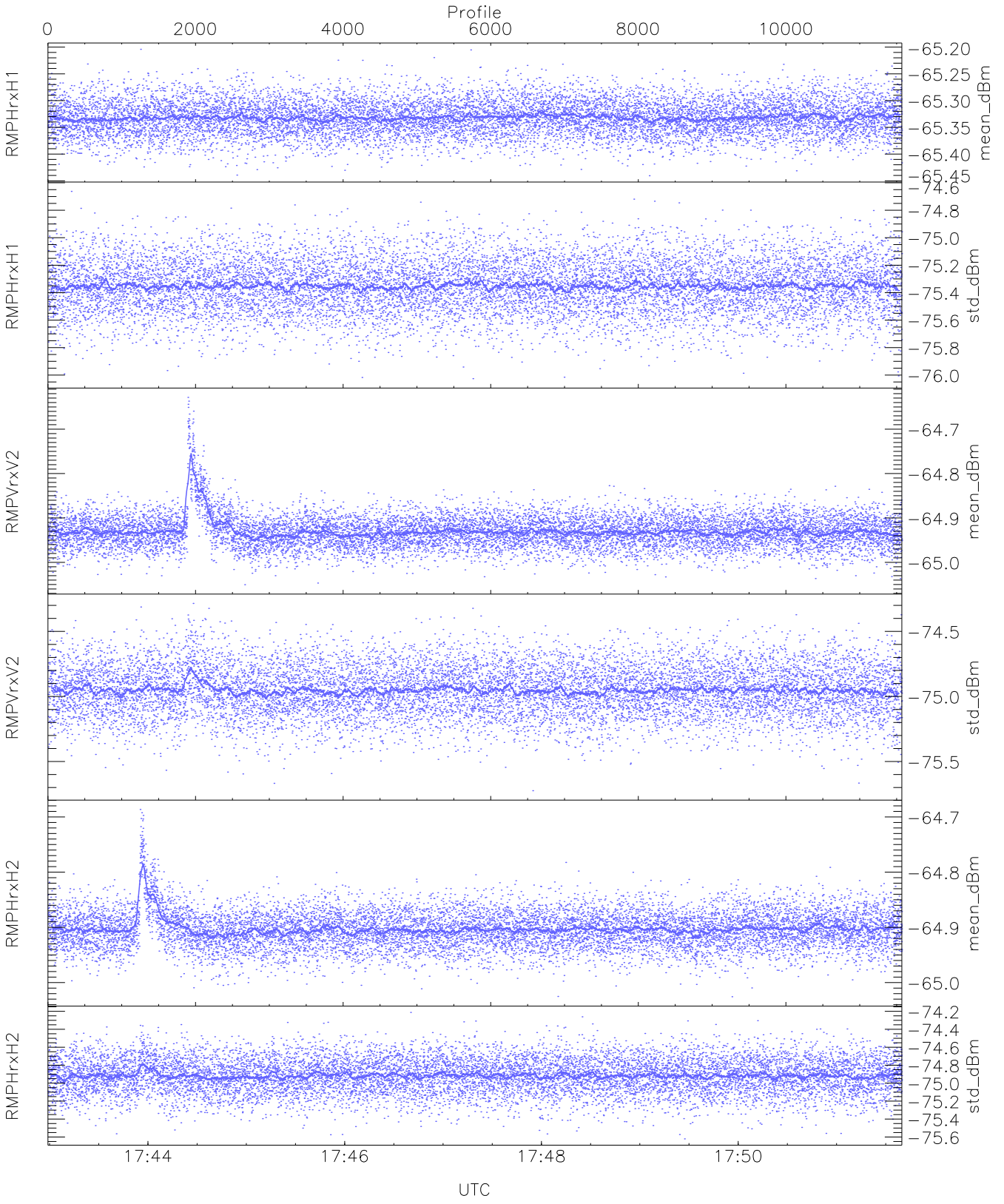






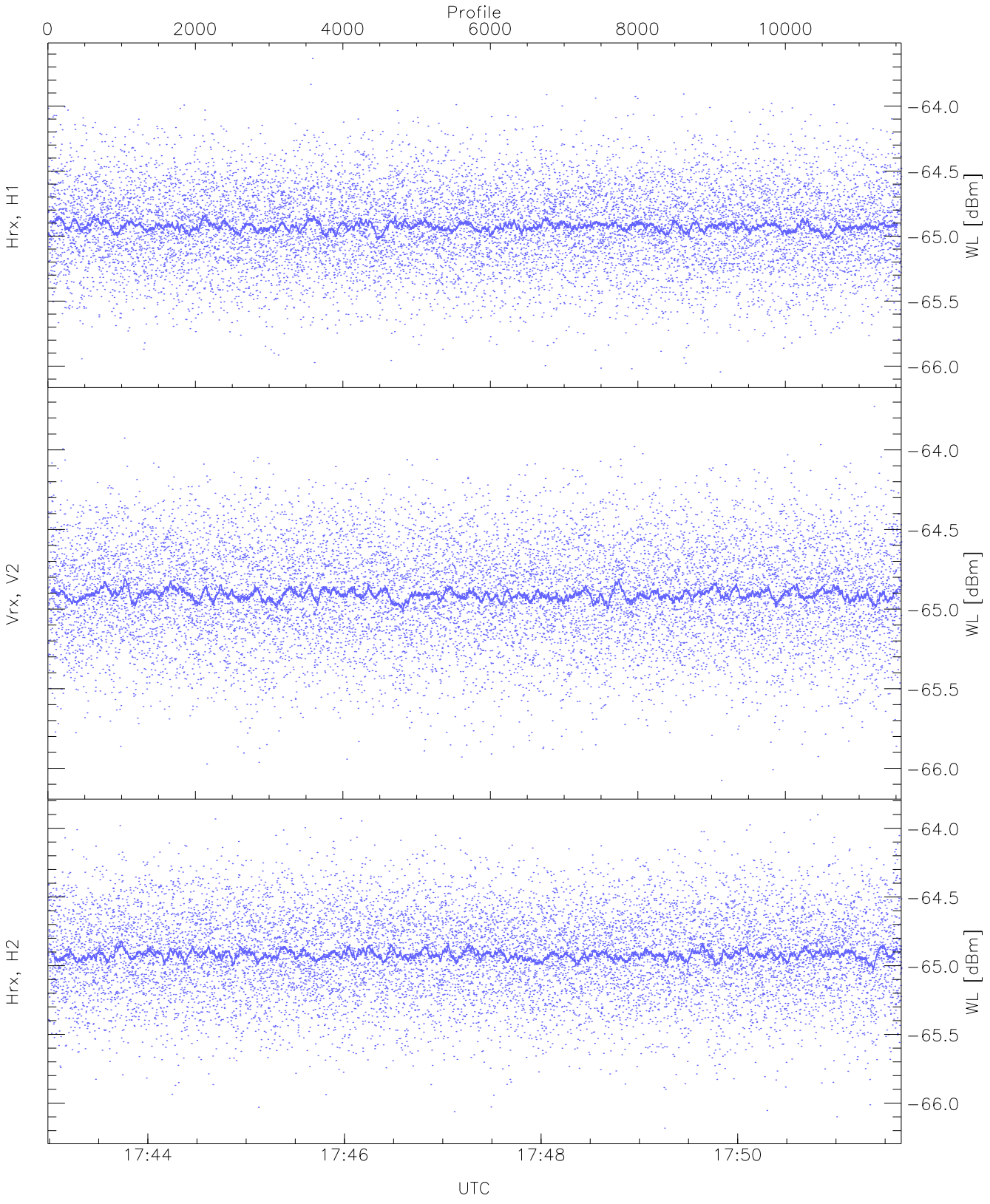
WCR3 CPP Receivers Gain and Noise Figure

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



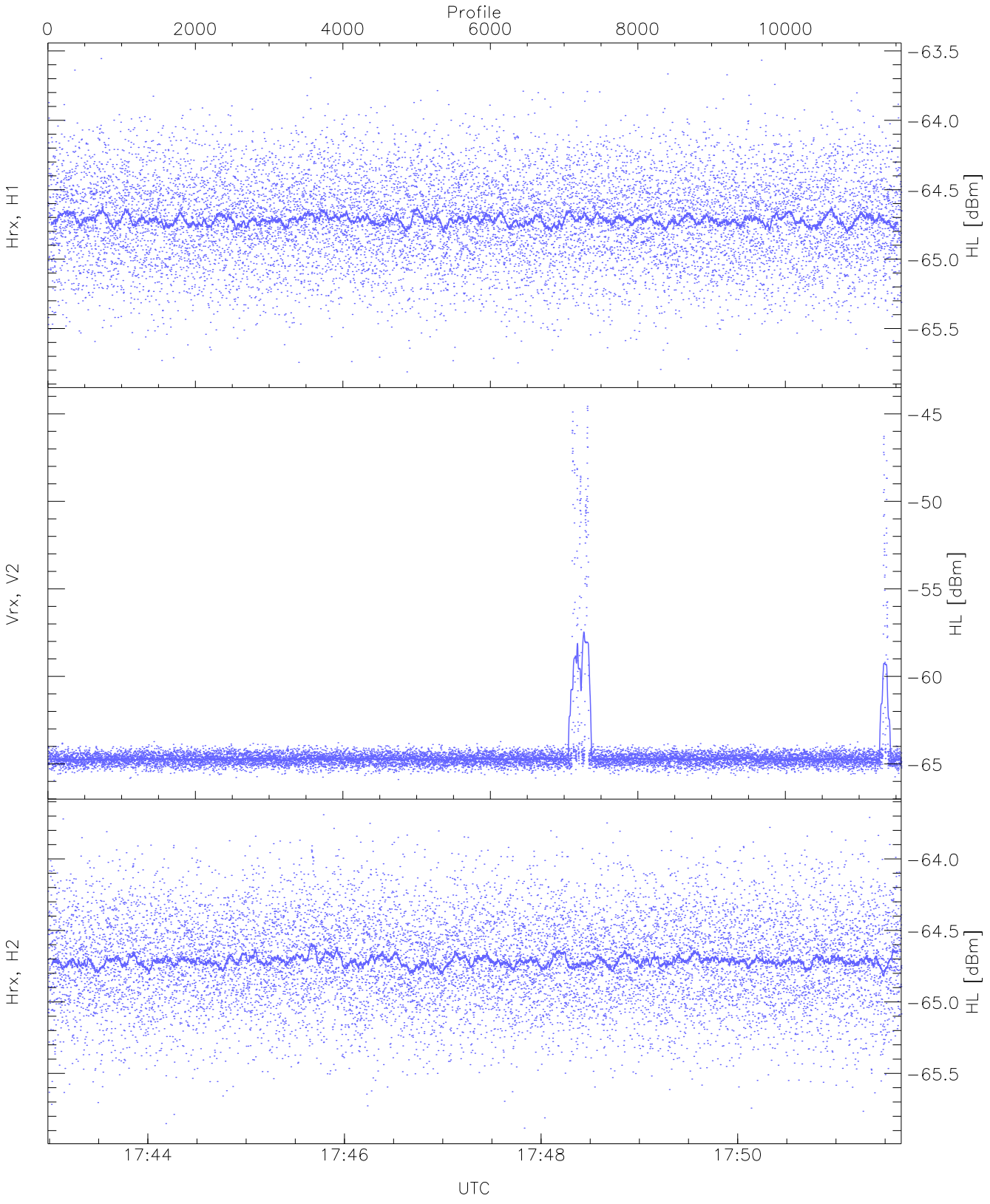
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.20	-65.33	-65.33	-86.89
RMPHrxH1(std_dBm)	-76.03	-74.66	-75.35	-75.35	-89.13
RMPVrxV2(mean_dBm)	-65.05	-64.63	-64.93	-64.93	-85.64
RMPVrxV2(std_dBm)	-75.72	-74.28	-74.95	-74.95	-88.71
RMPHrxH2(mean_dBm)	-65.03	-64.69	-64.90	-64.90	-86.07
RMPHrxH2(std_dBm)	-75.62	-74.21	-74.91	-74.92	-88.68



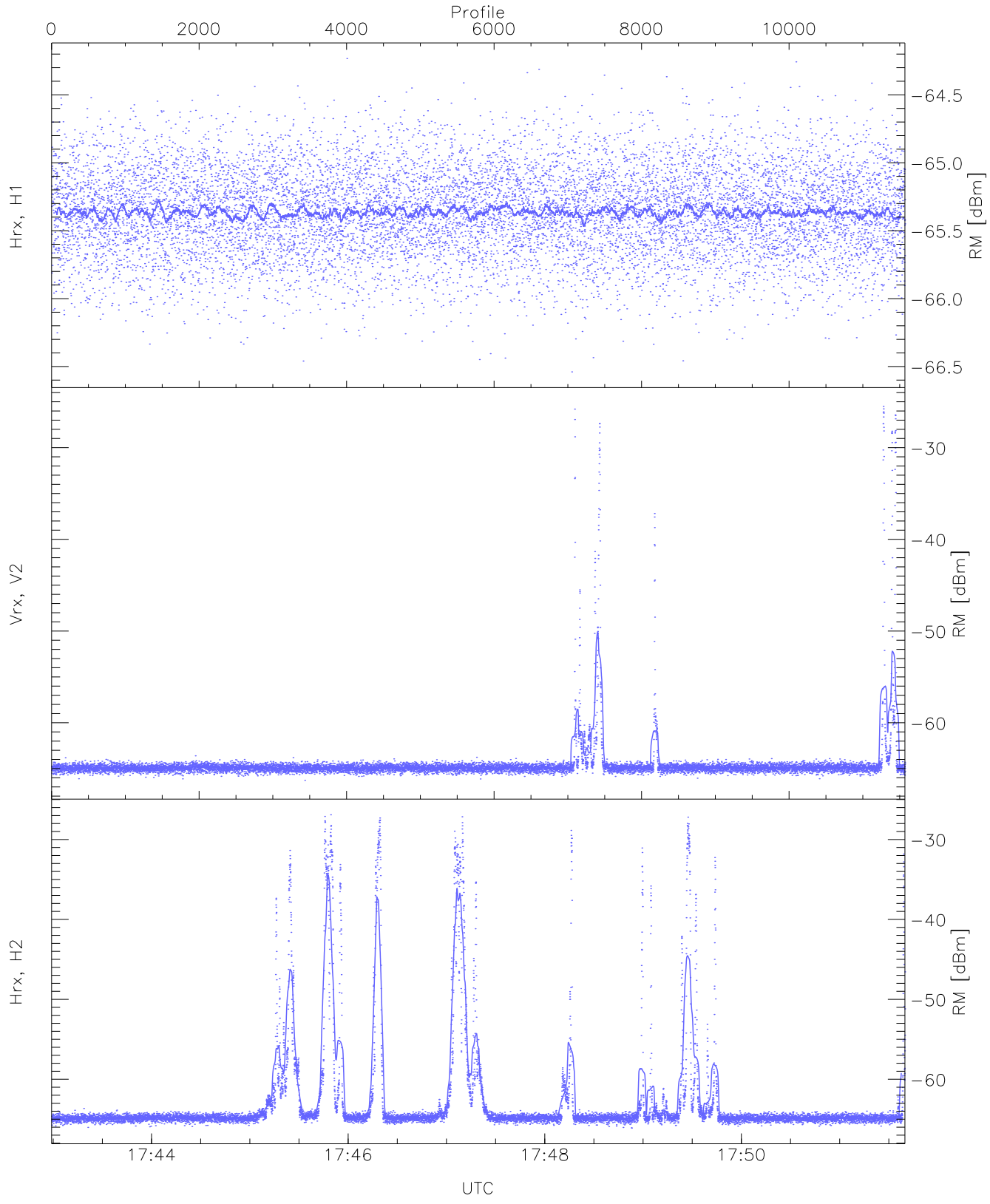
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.04	-63.63	-64.92	-64.92	-76.43
Vrx, V2(WL [dBm])	-66.08	-63.73	-64.90	-64.91	-76.44
Hrx, H2(WL [dBm])	-66.18	-63.90	-64.91	-64.92	-76.45



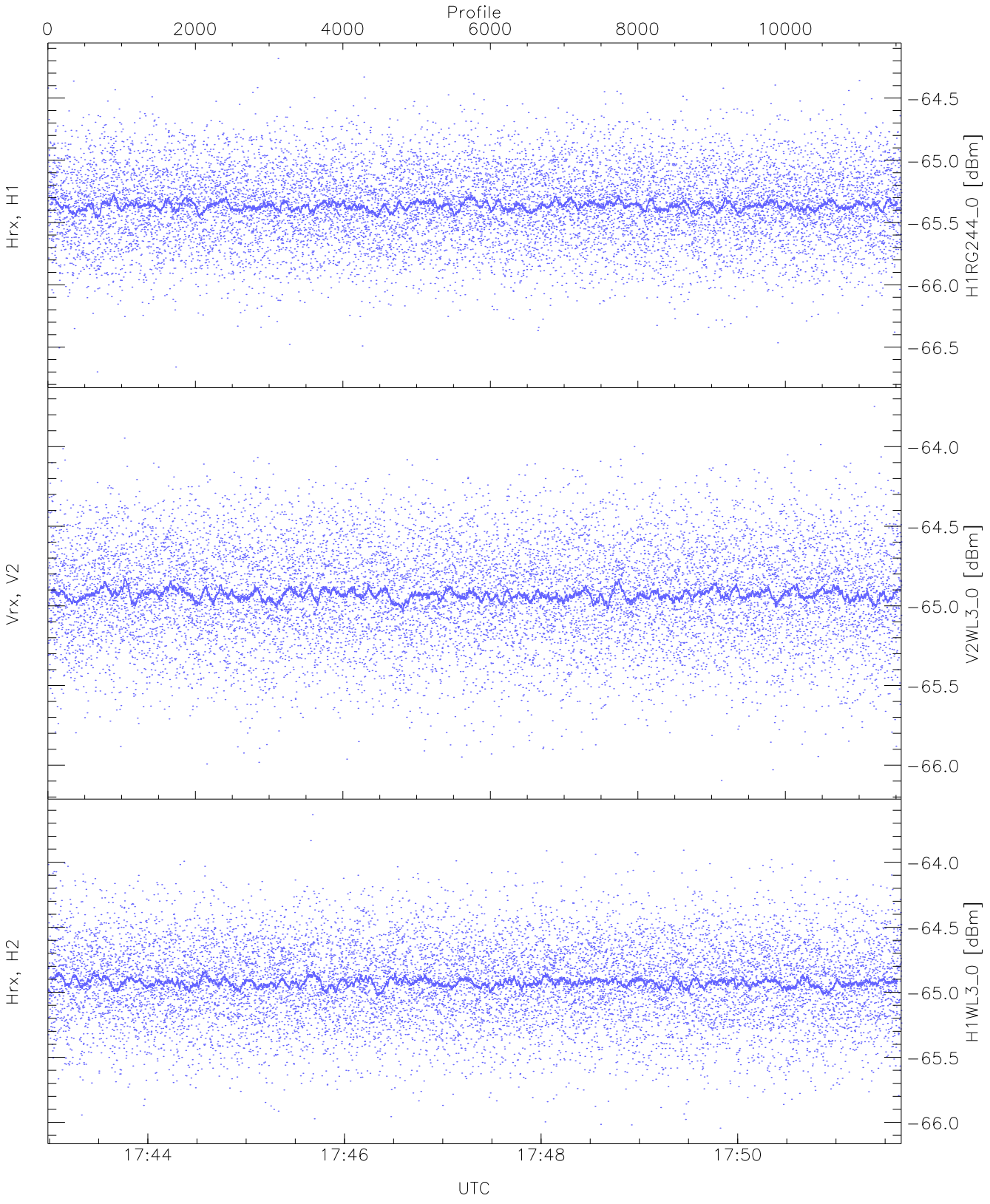
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.81	-63.56	-64.71	-64.72	-76.22
Vrx, V2(HL [dBm])	-65.94	-44.57	-63.35	-64.72	-58.56
Hrx, H2(HL [dBm])	-65.88	-63.69	-64.71	-64.71	-76.22



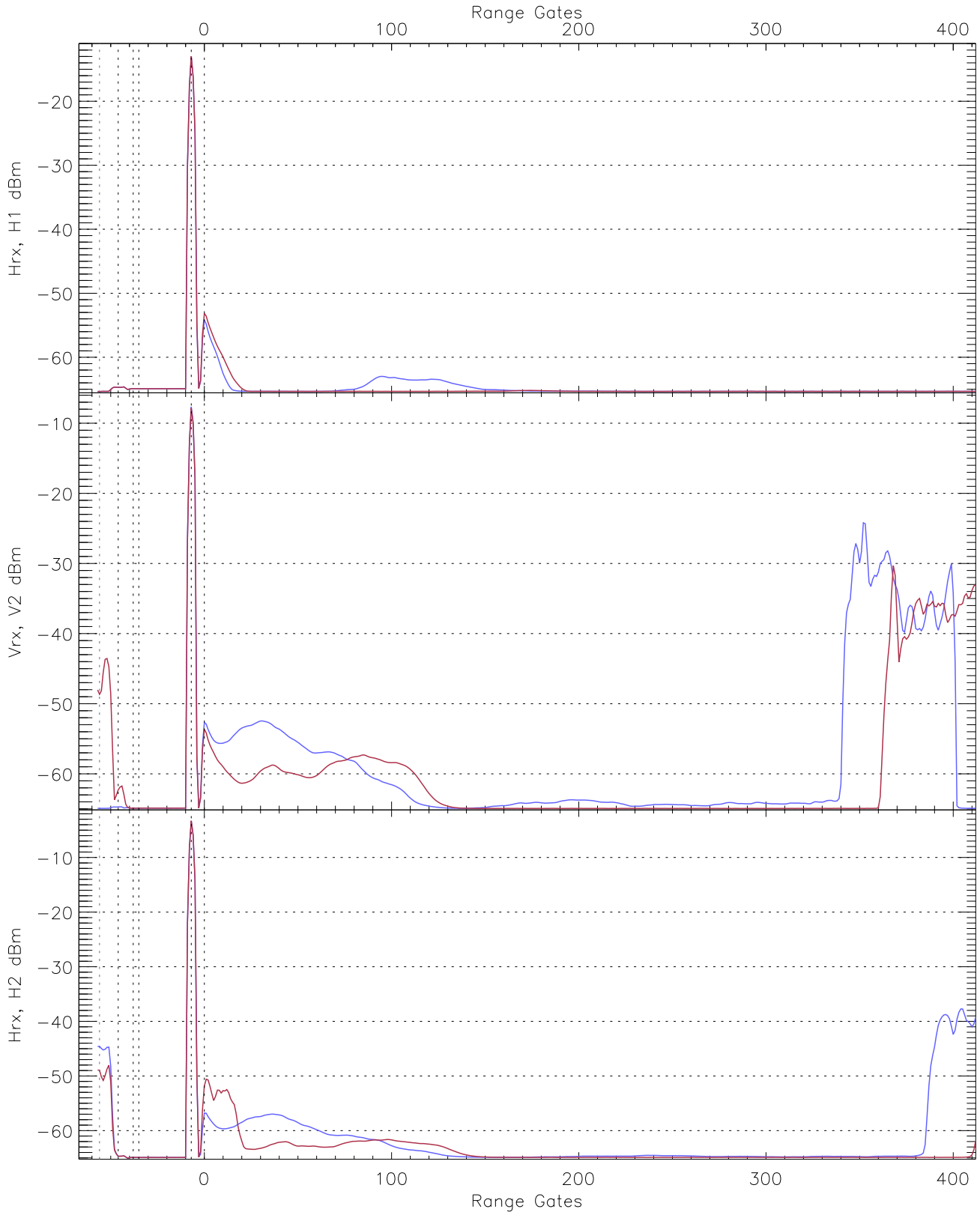
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.54	-64.23	-65.36	-65.36	-76.89
Vrx, V2(RM [dBm])	-66.29	-25.49	-51.57	-64.90	-39.91
Hrx, H2(RM [dBm])	-66.12	-26.91	-46.24	-64.73	-38.63

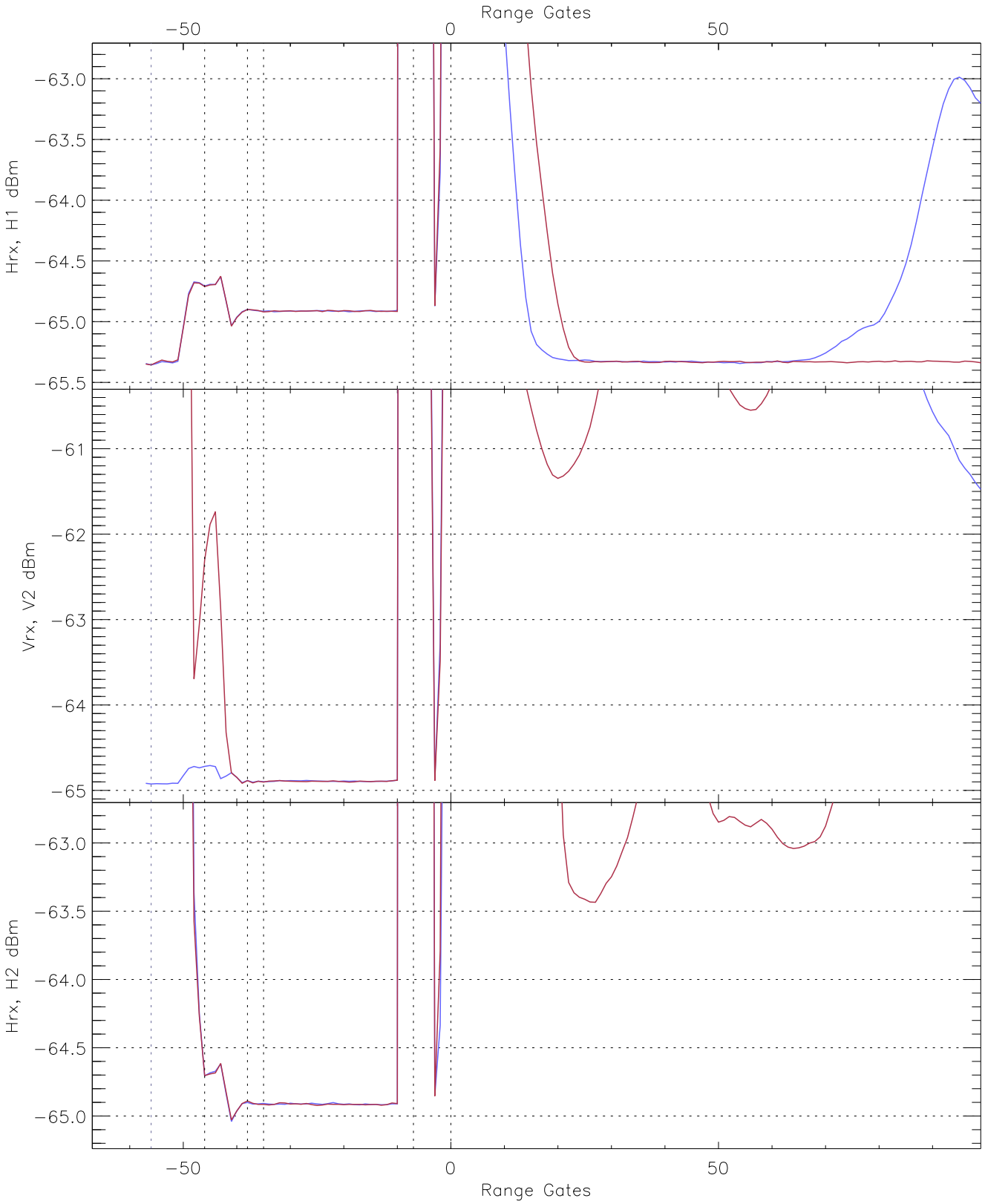


WCR3 CPP "Best" estimate Receivers Noise Power

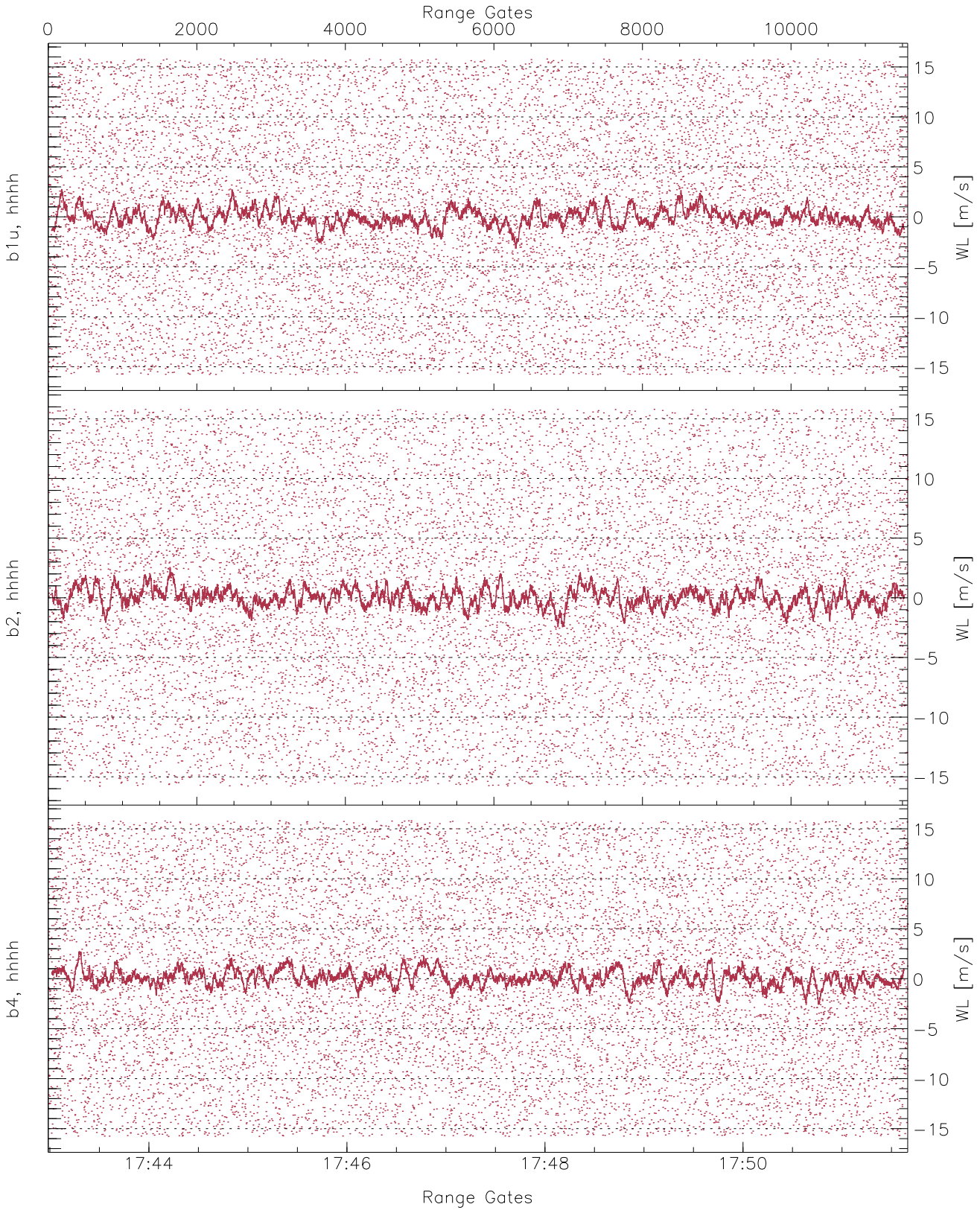
	Min	Max	Mean	Median	StDev
H1RG244_0 [dBm]	-66.70	-64.18	-65.36	-65.36	-76.91
V2WL3_0 [dBm]	-66.10	-63.75	-64.92	-64.93	-76.46
H1WL3_0 [dBm]	-66.04	-63.63	-64.92	-64.92	-76.43



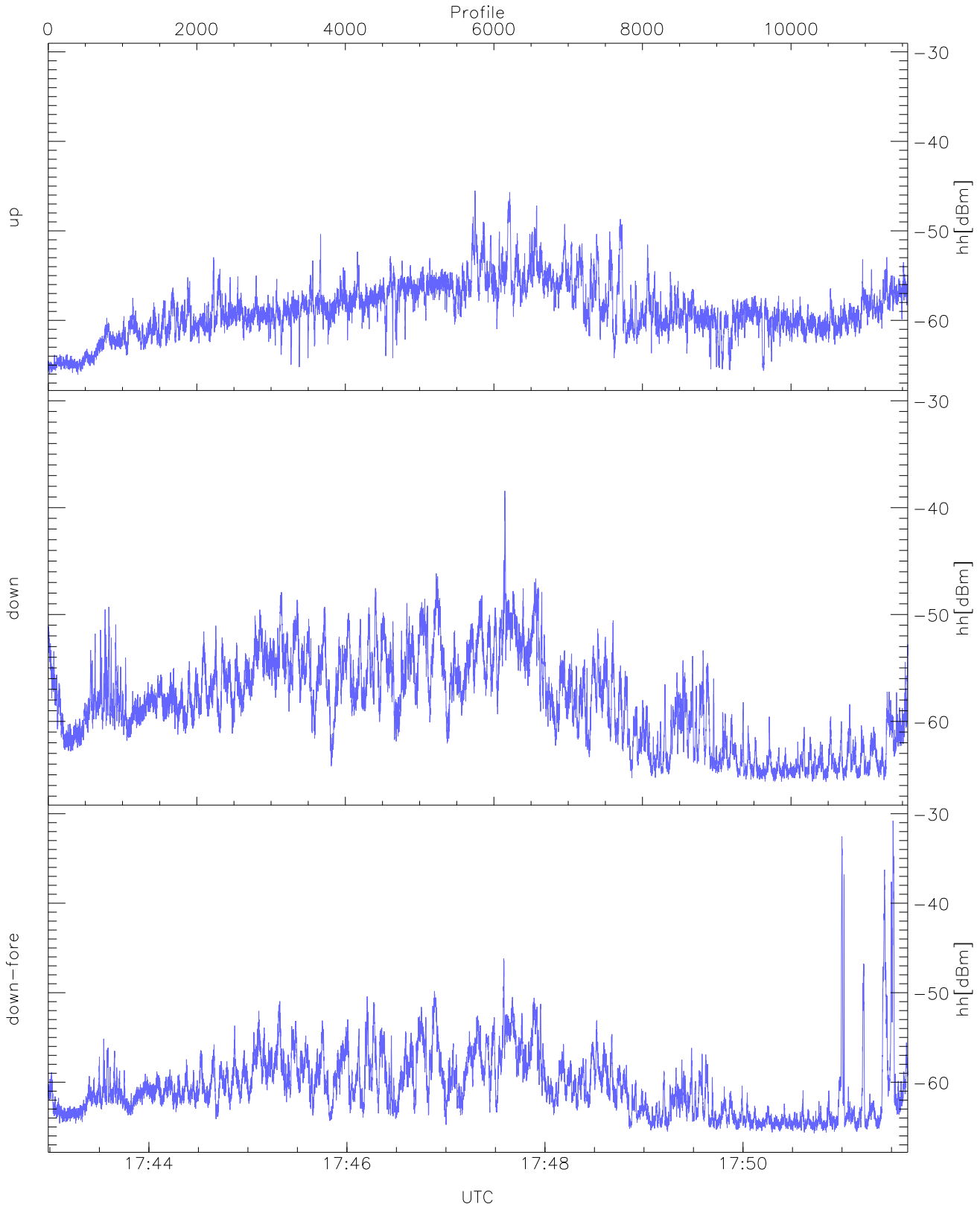
WCR3 CPP Averaged Received power for all recorded gates
blue: 174259-174719, 5787 profiles averaged
red: 174719-175140, 5786 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 174259-174719, 5787 profiles averaged
red: 174719-175140, 5786 profiles averaged

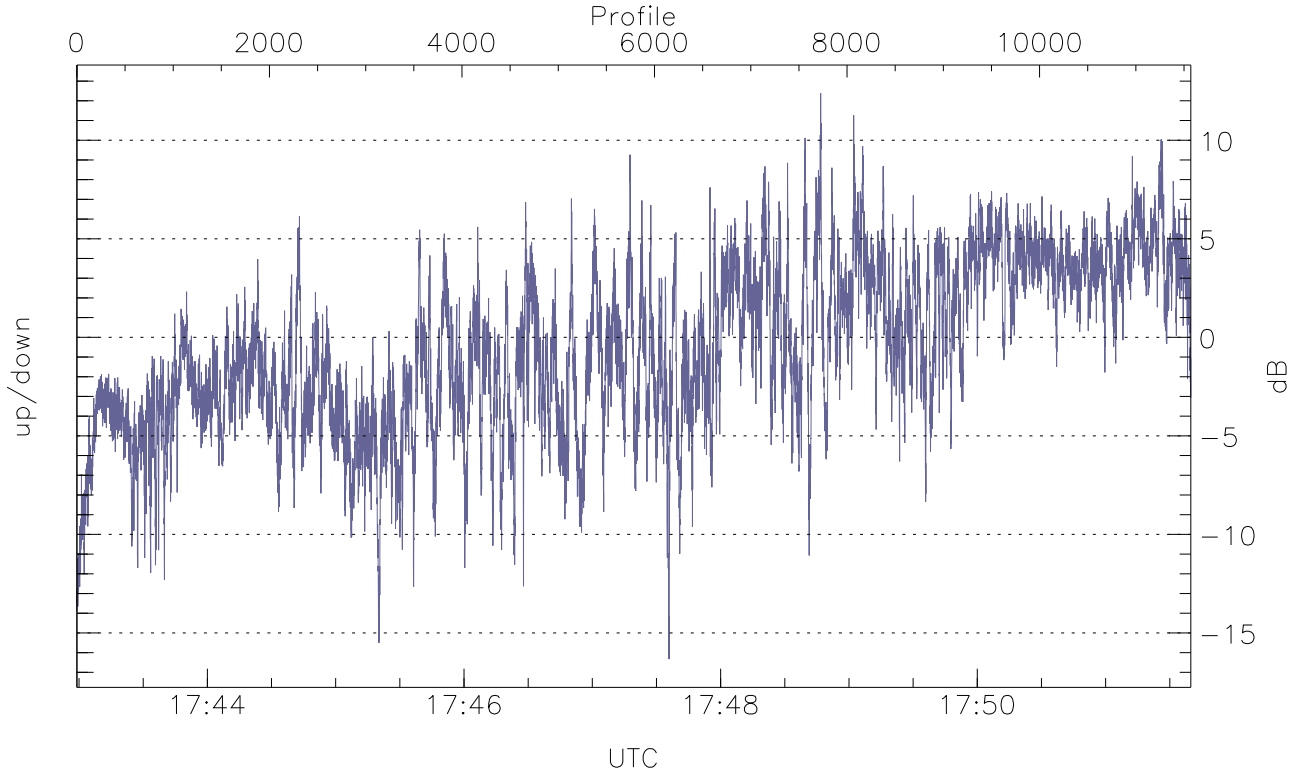


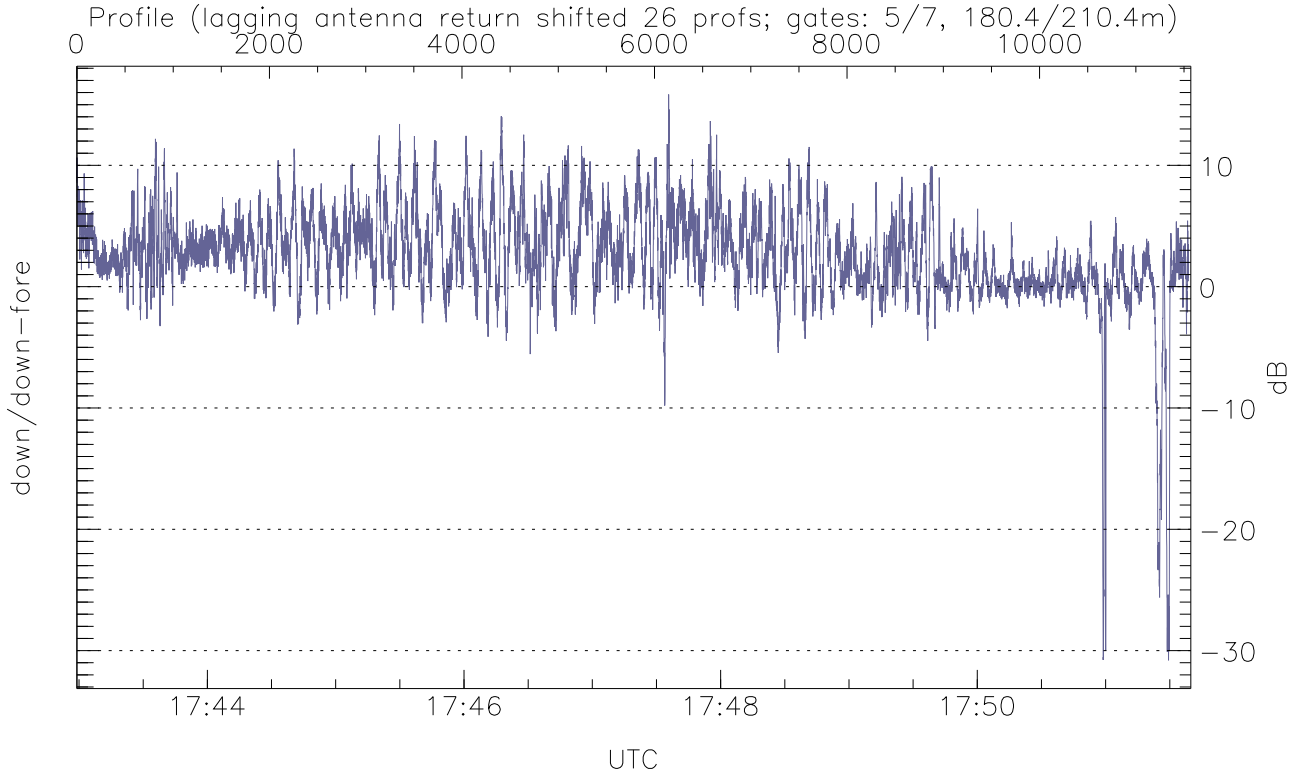
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

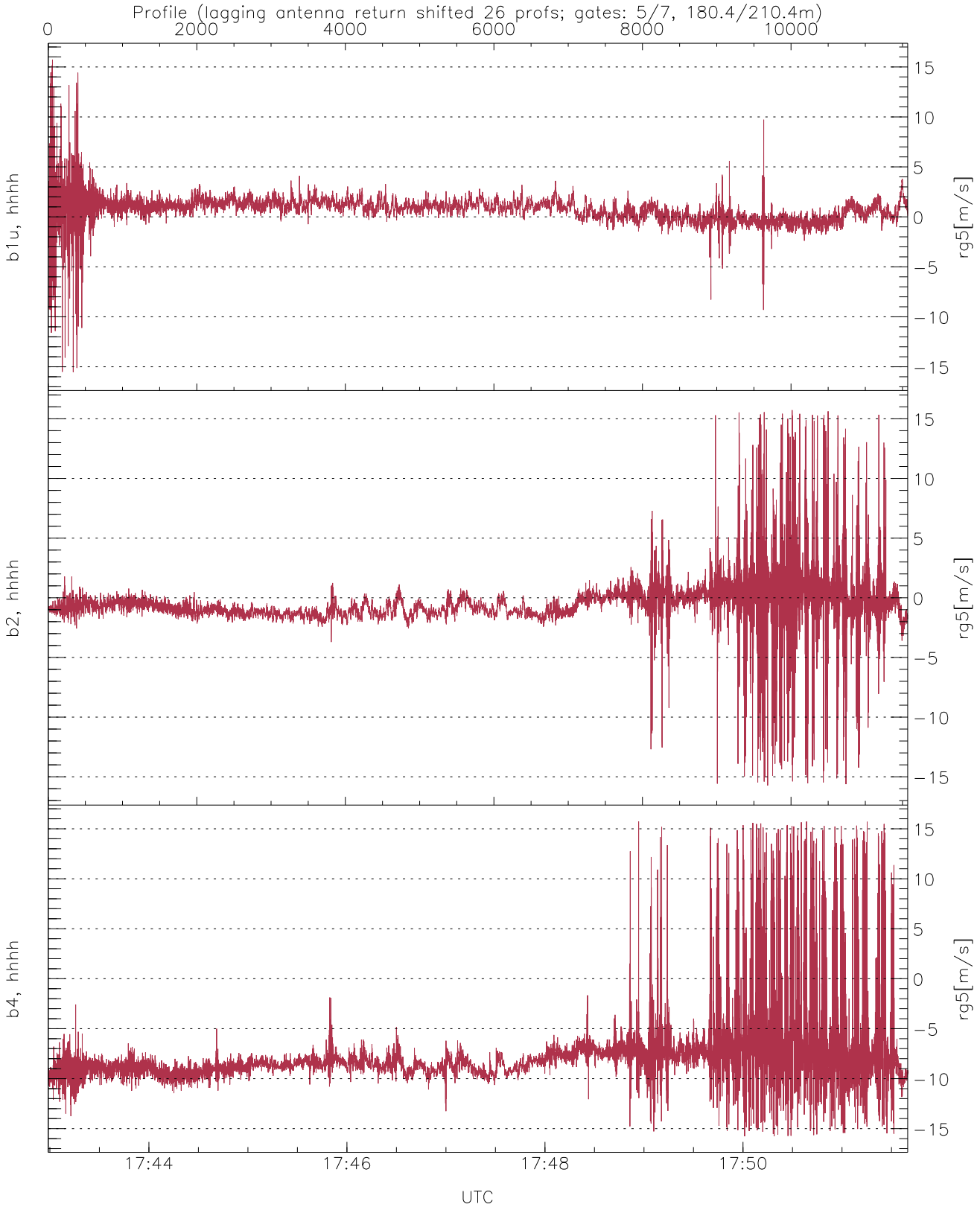
	Min	Max	Mean
up(hh[dBm])	-66.07	-45.52	-57.58
down(hh[dBm])	-65.65	-38.43	-56.01
down-fore(hh[dBm])	-65.72	-30.80	-56.13





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

	Min	Max	Mean
up/down(dB)	-16.33	12.38	-0.53
down/down-fore(dB)	-30.80	15.84	2.68



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.54	15.70	0.76	1.28
b2, hhhh(rg5[m/s])	-15.72	15.73	-0.54	2.18
b4, hhhh(rg5[m/s])	-15.77	15.73	-7.70	3.48