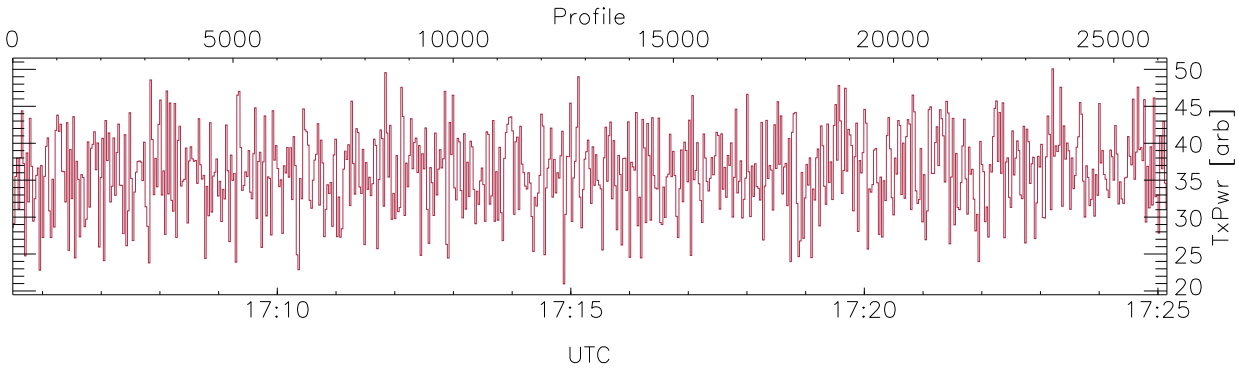
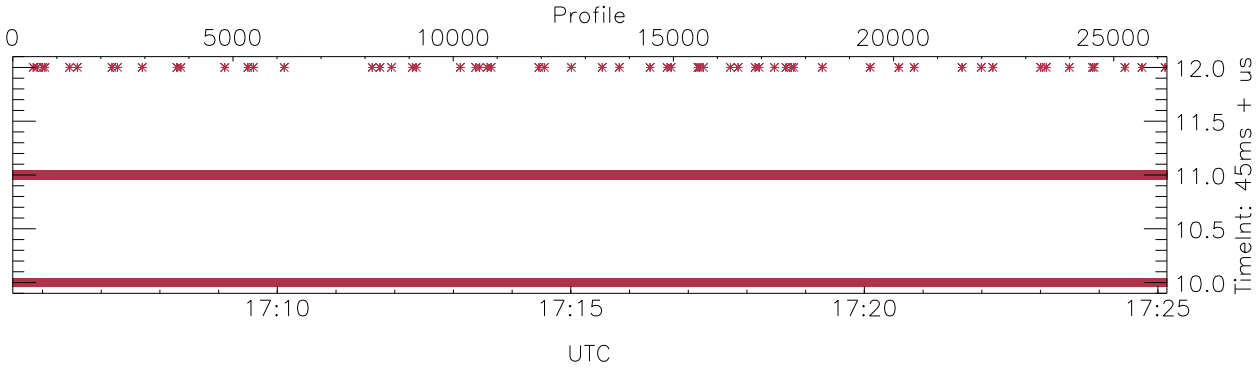
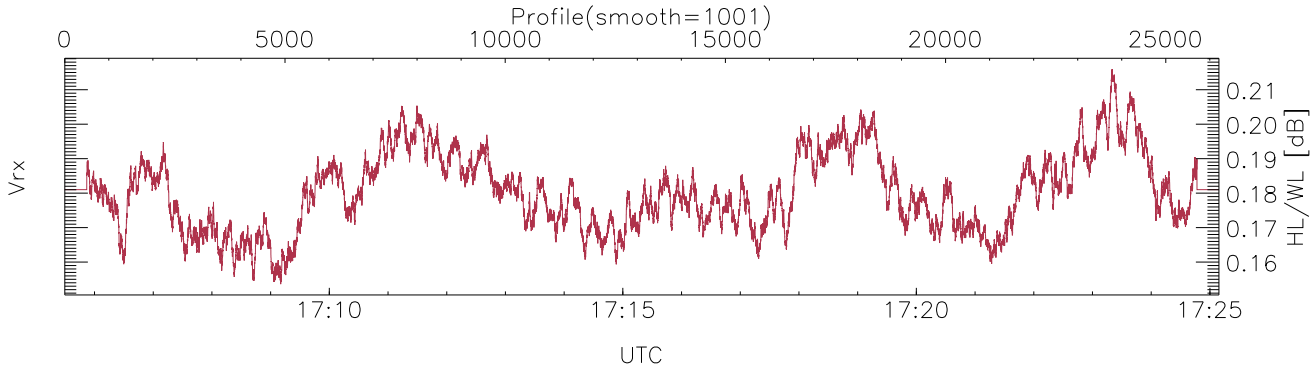
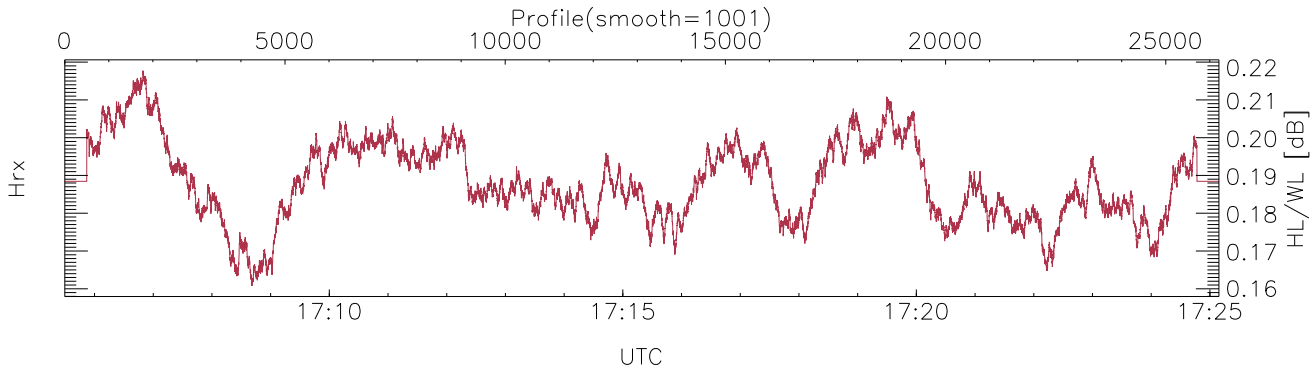


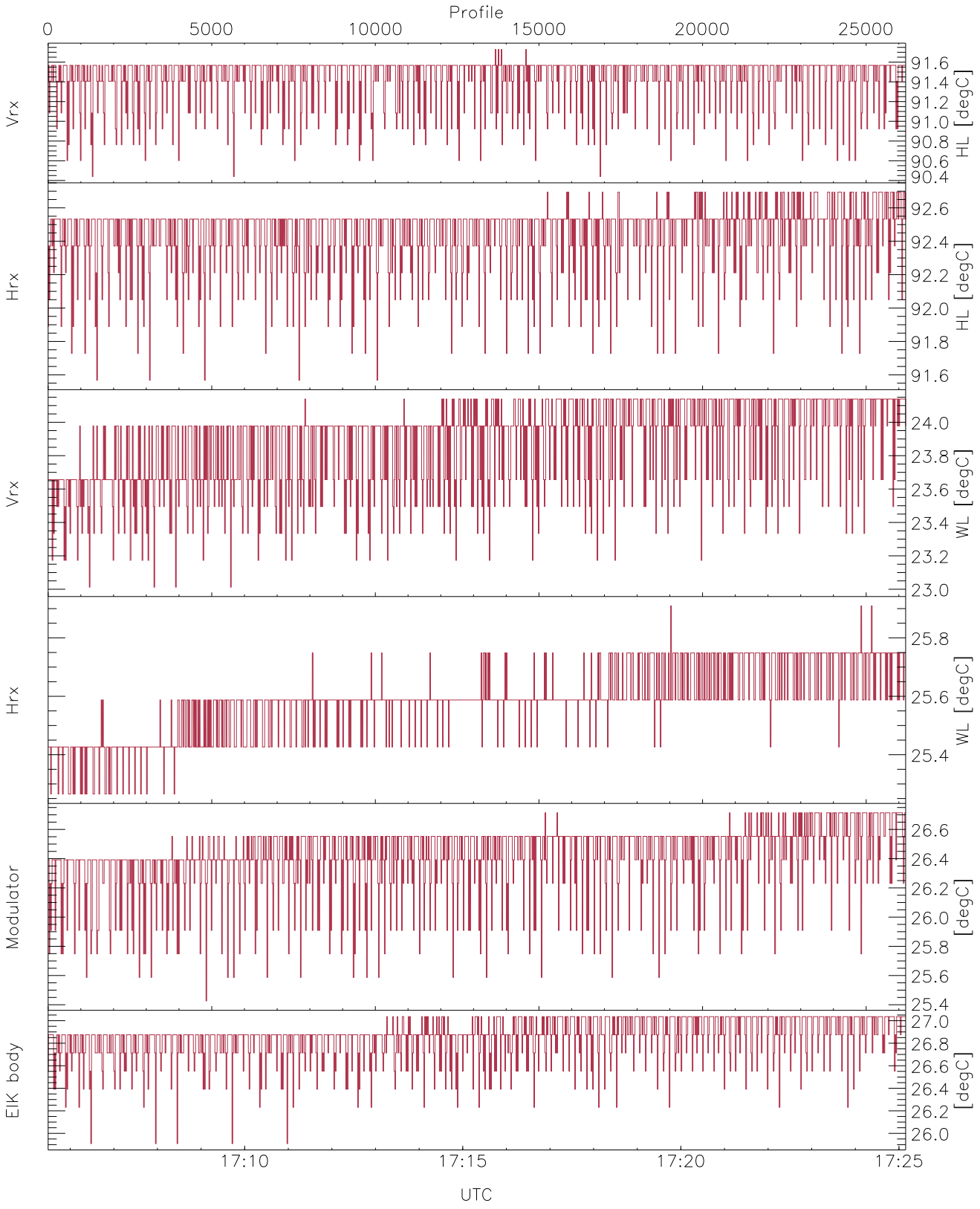






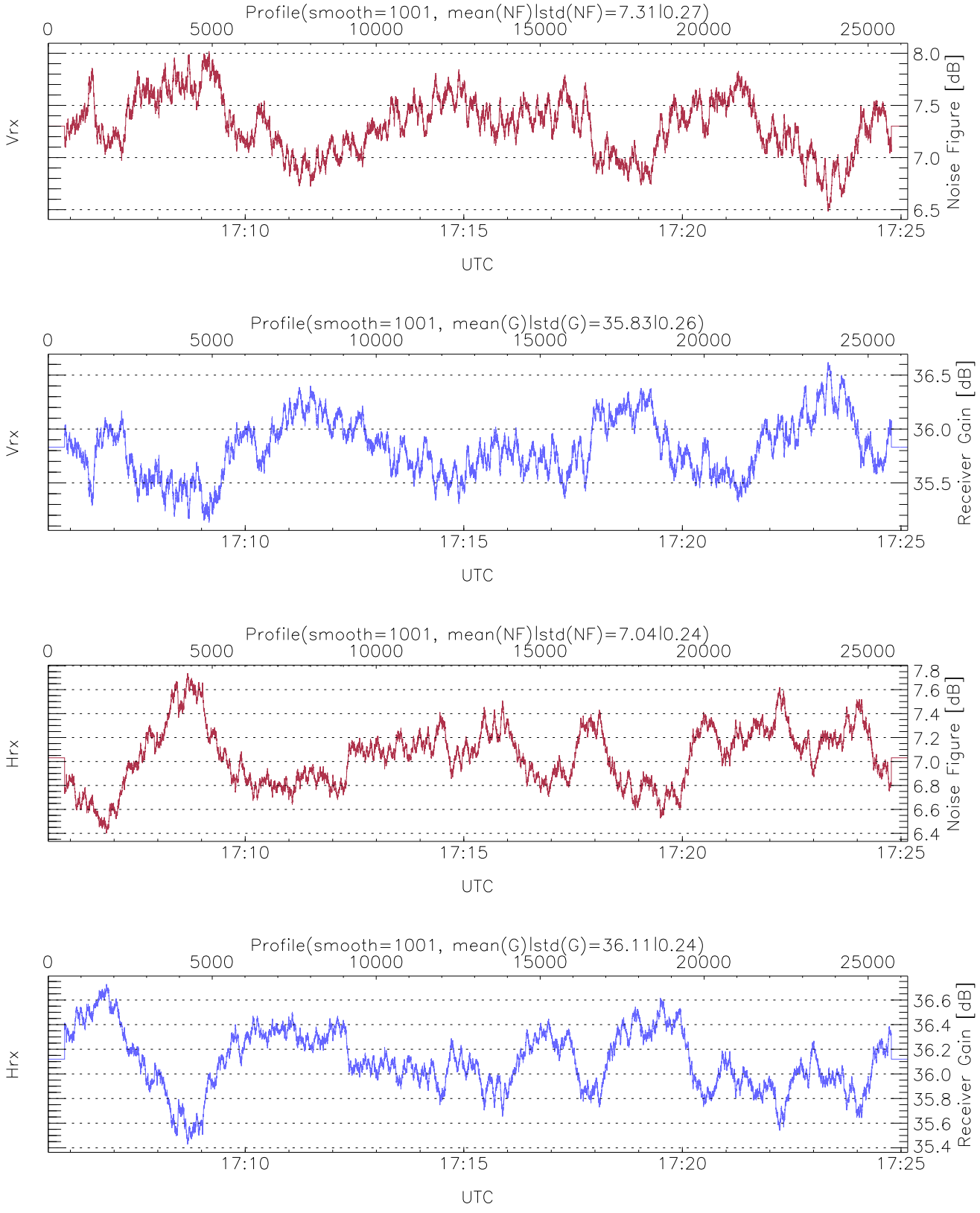
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:05:30-17:25:09, TimeCor: 0.00s, Dur: 1179.65s
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): 26209/26209, 0-26208/17:05:30-17:25:09
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



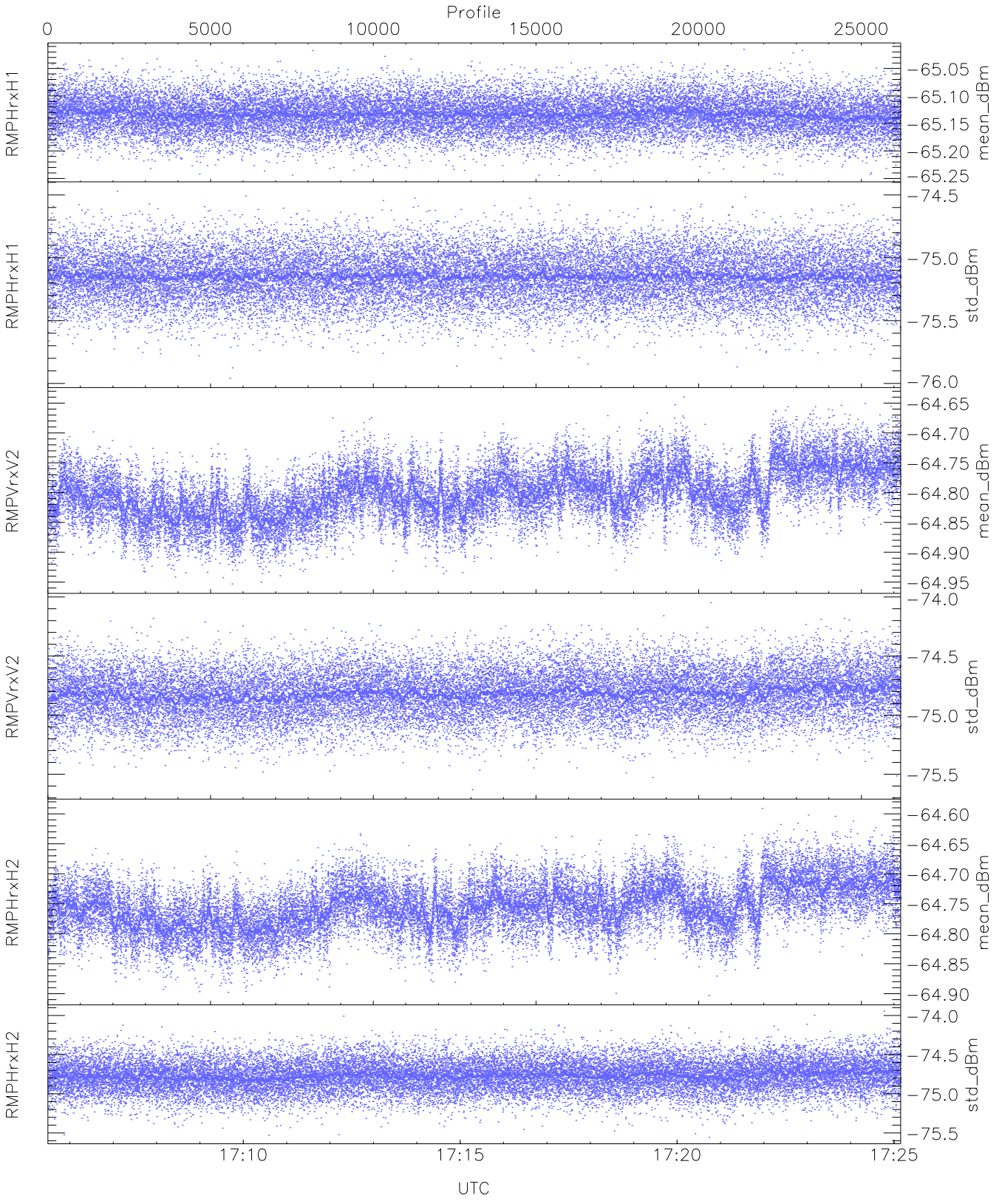
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,23,25,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,25,26,27
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



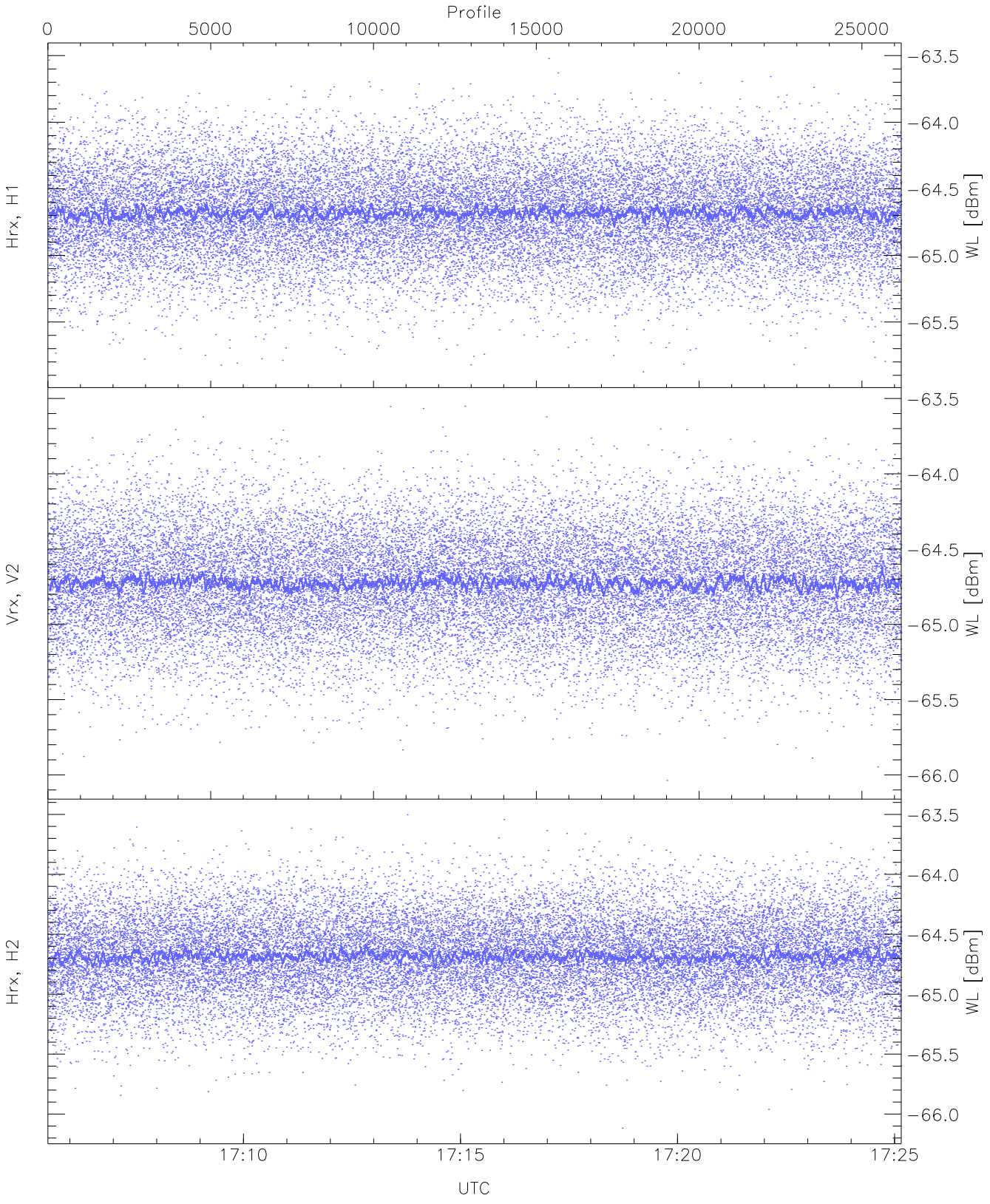
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 29 pixs, 6 gates, 29 profs, 1 prod(s)



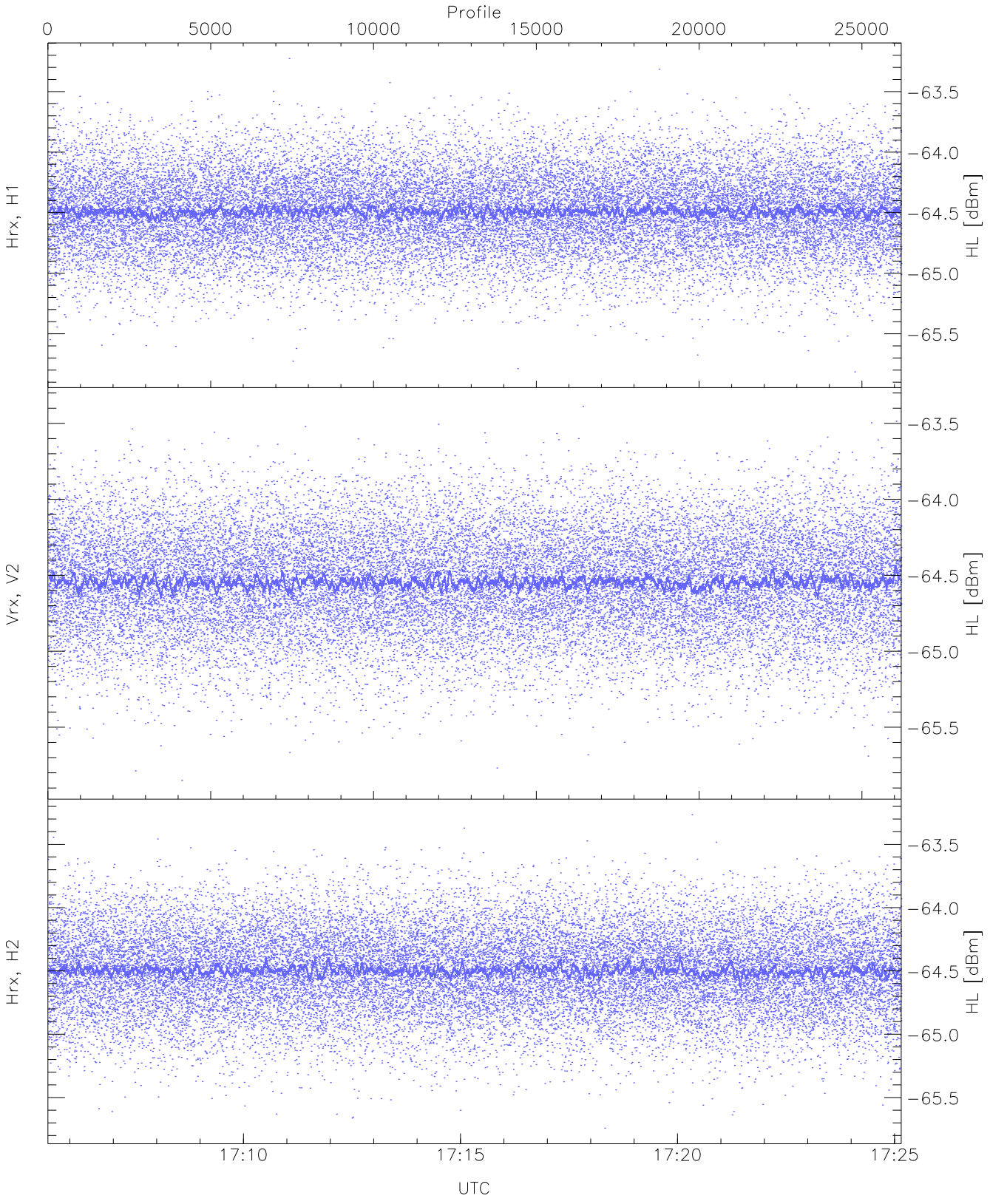
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.24	-65.02	-65.13	-65.13	-86.72
RMPHrxH1(std_dBm)	-75.96	-74.47	-75.15	-75.15	-88.92
RMPVrxV2(mean_dBm)	-64.95	-64.64	-64.80	-64.80	-84.75
RMPVrxV2(std_dBm)	-75.63	-74.05	-74.82	-74.82	-88.53
RMPHrxH2(mean_dBm)	-64.90	-64.59	-64.75	-64.75	-85.03
RMPHrxH2(std_dBm)	-75.56	-73.95	-74.77	-74.77	-88.46



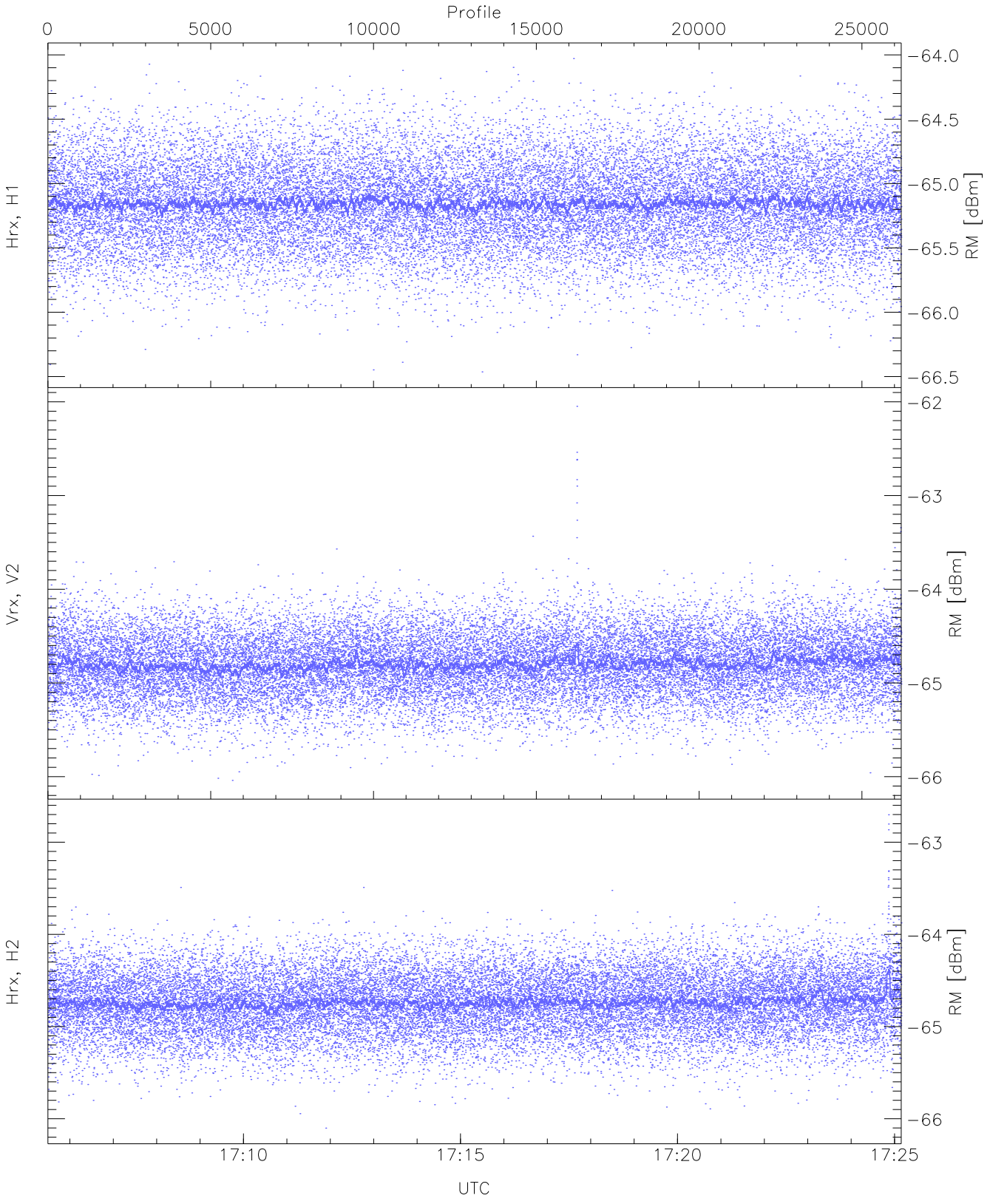
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.87	-63.52	-64.67	-64.68	-76.22
Vrx, V2(WL [dBm])	-66.04	-63.55	-64.72	-64.73	-76.21
Hrx, H2(WL [dBm])	-66.12	-63.50	-64.68	-64.68	-76.15



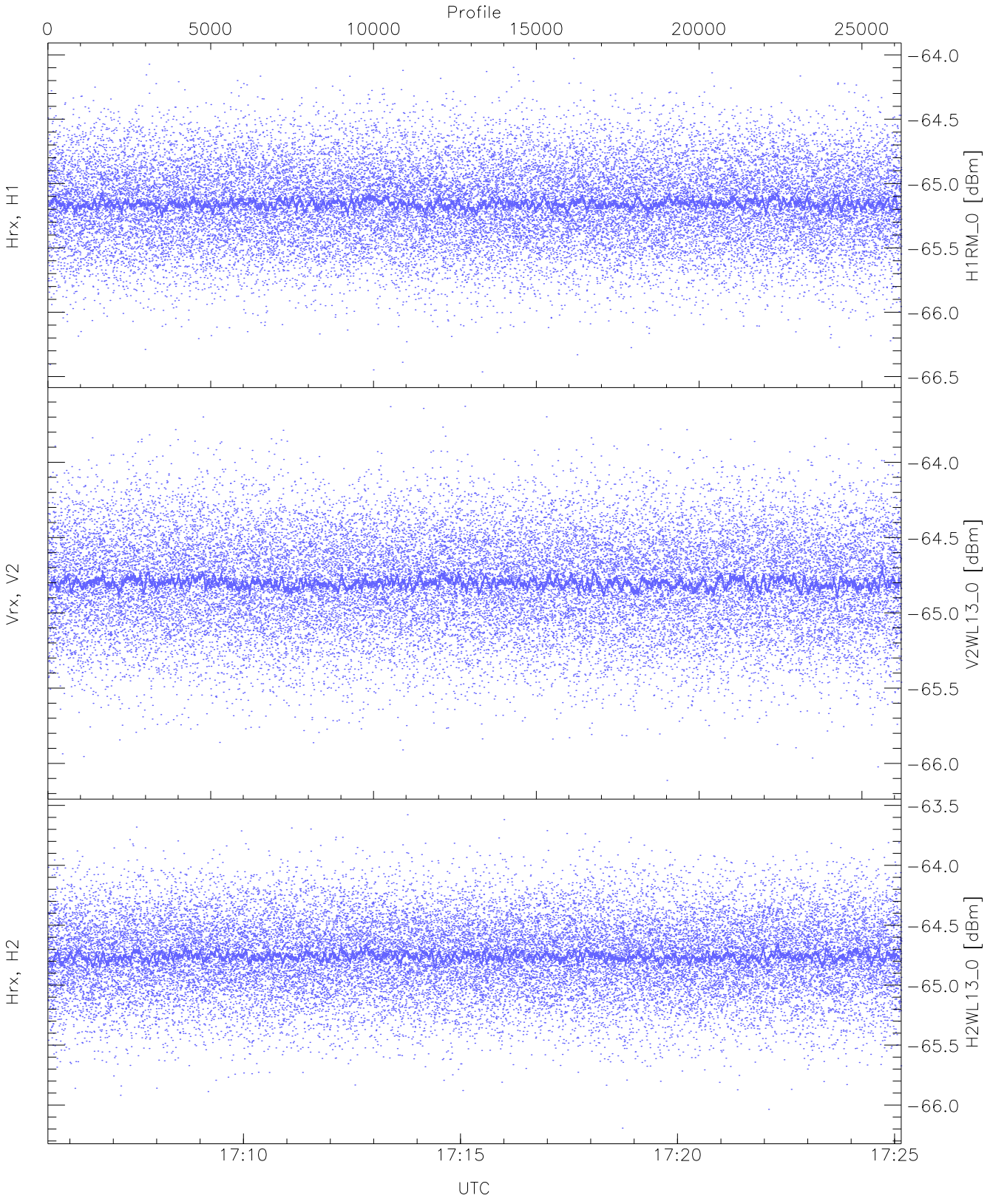
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.81	-63.23	-64.48	-64.49	-76.04
Vrx, V2(HL [dBm])	-65.85	-63.39	-64.54	-64.54	-76.03
Hrx, H2(HL [dBm])	-65.74	-63.27	-64.49	-64.50	-76.02



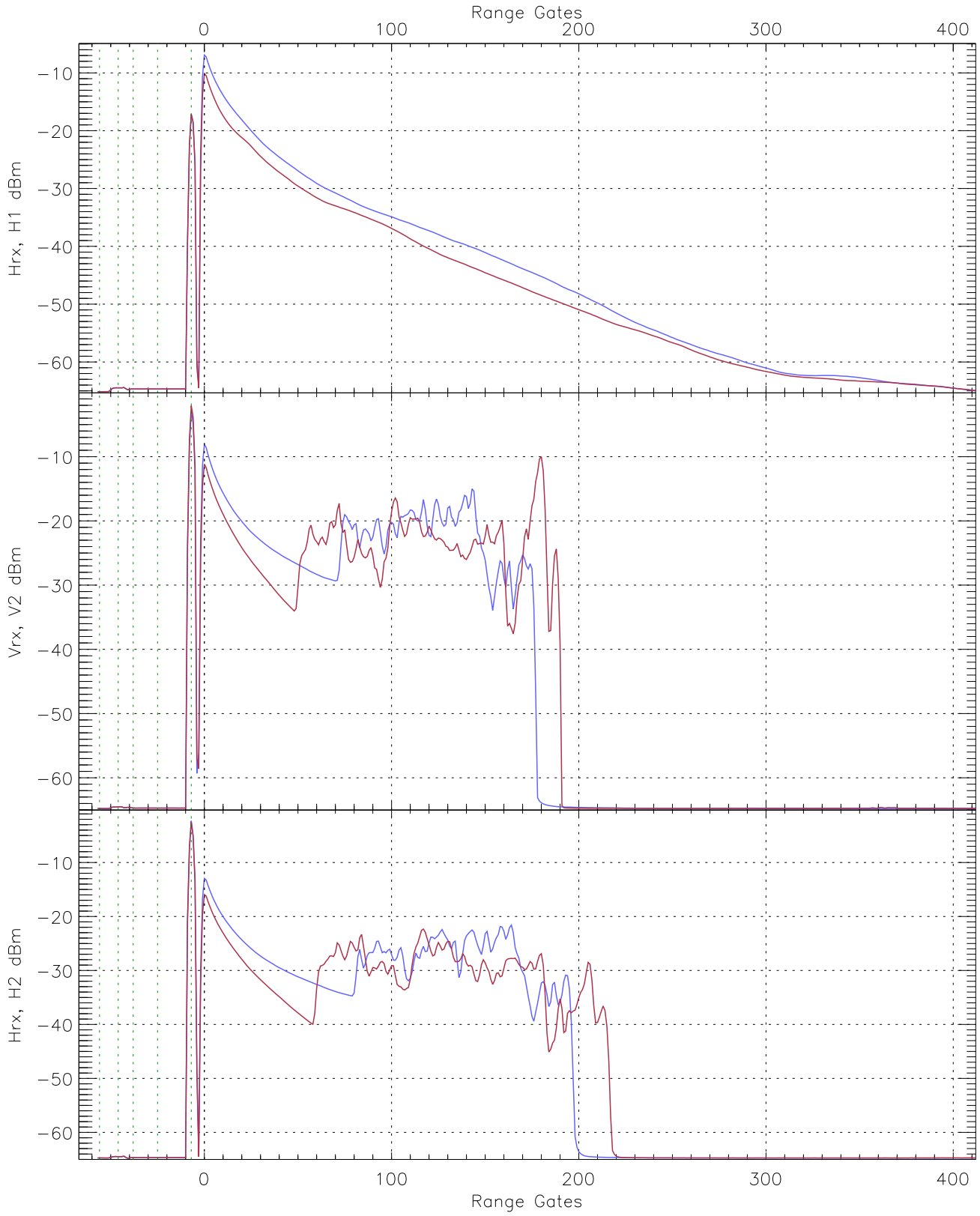
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.46	-64.03	-65.15	-65.16	-76.67
Vrx, V2(RM [dBm])	-66.04	-62.05	-64.79	-64.80	-76.19
Hrx, H2(RM [dBm])	-66.10	-62.70	-64.73	-64.74	-76.16

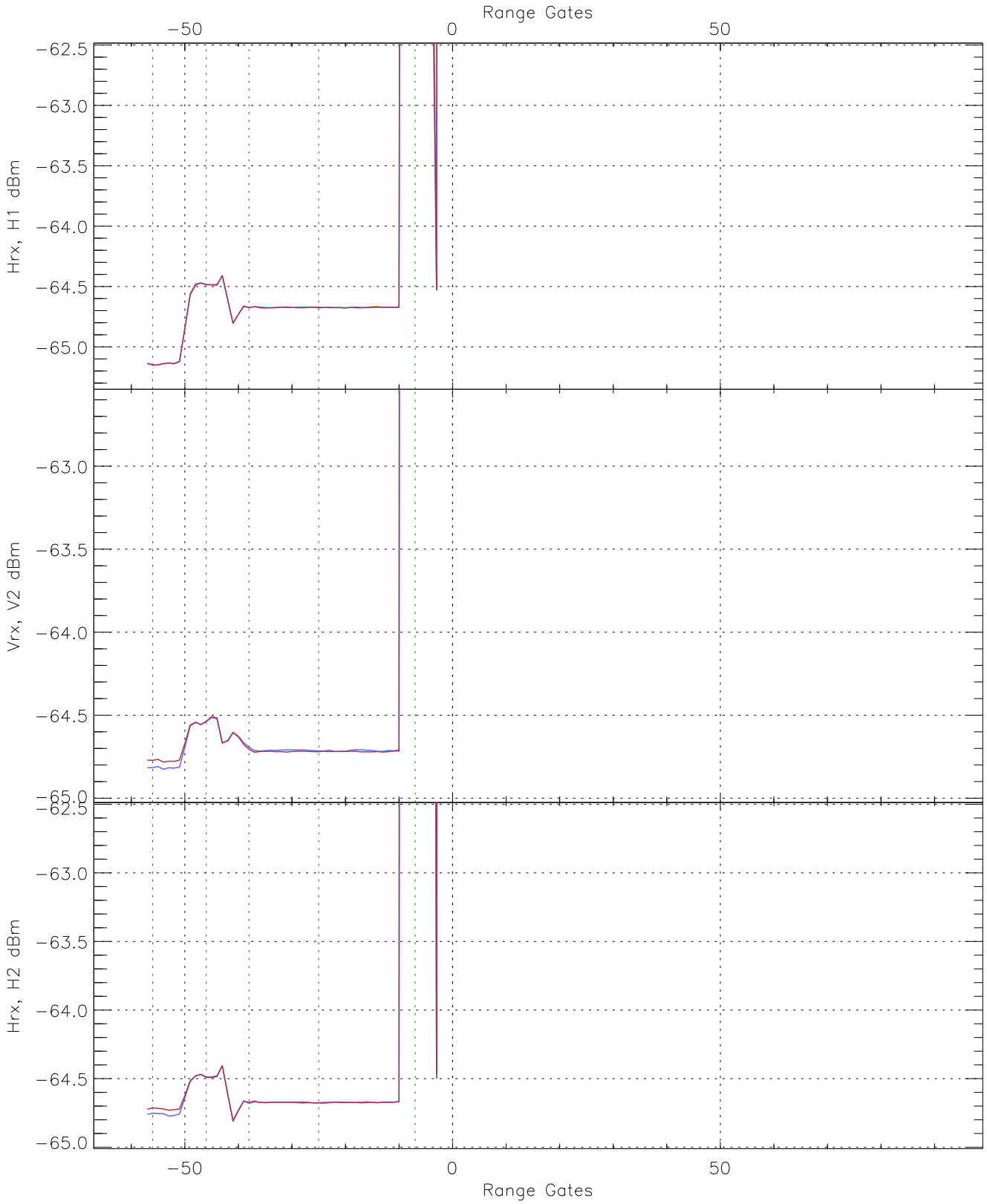


WCR3 CPP "Best" estimate Receivers Noise Power

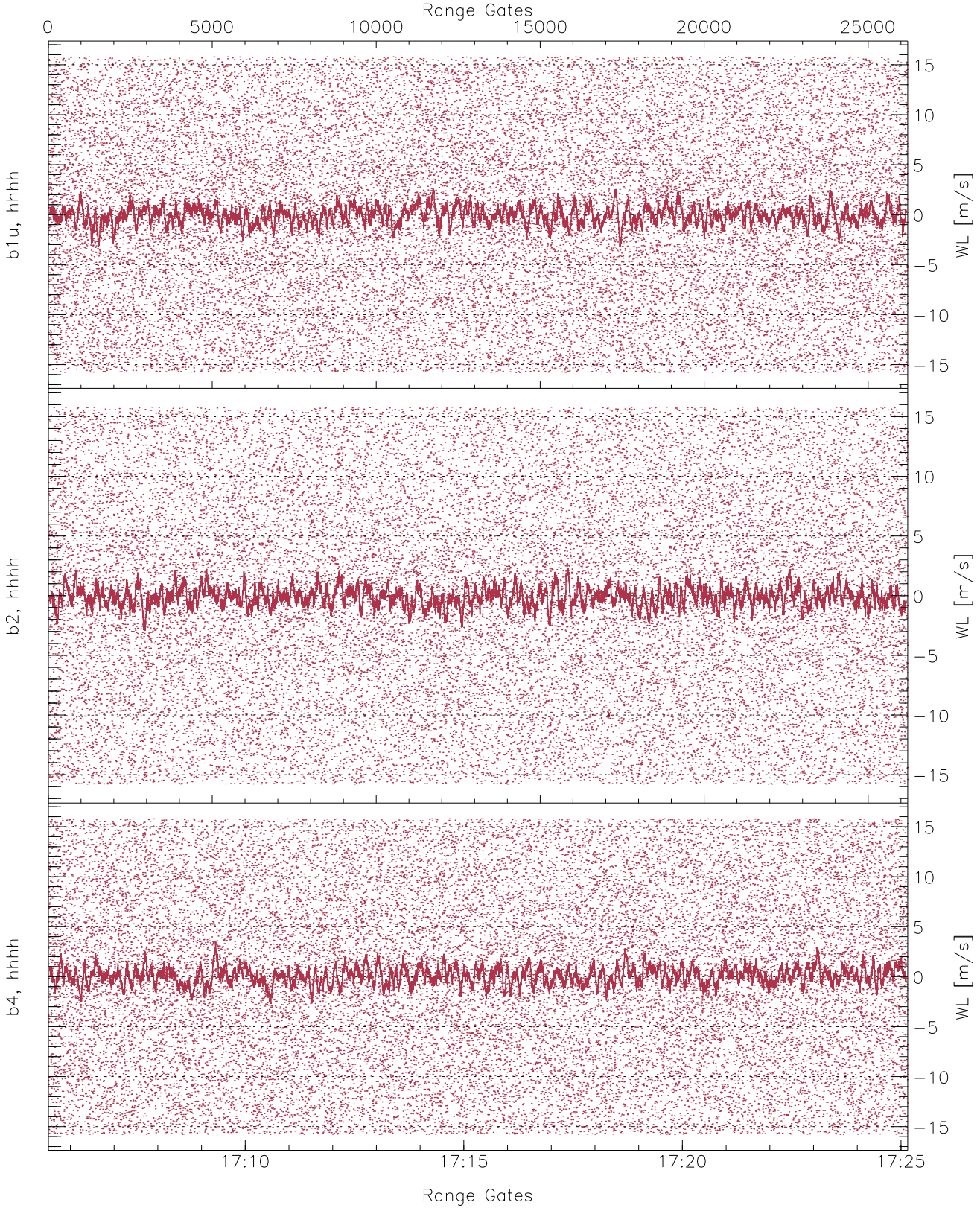
	Min	Max	Mean	Median	StDev
H1RM_0 [dBm]	-66.46	-64.03	-65.15	-65.16	-76.67
V2WL13_0 [dBm]	-66.11	-63.63	-64.79	-64.80	-76.29
H2WL13_0 [dBm]	-66.19	-63.58	-64.75	-64.76	-76.23



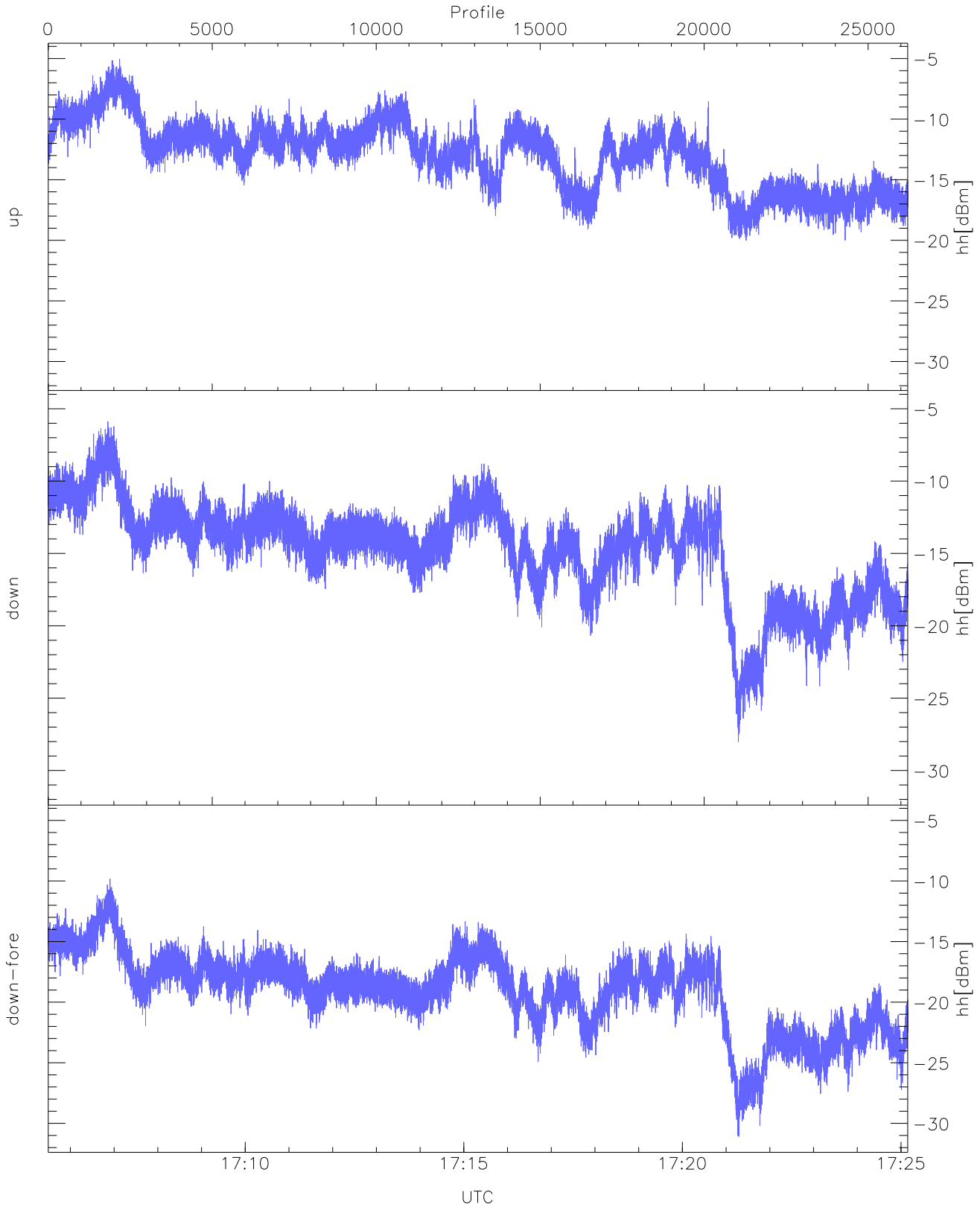
WCR3 CPP Averaged Received power for all recorded gates
blue: 170530-171519, 13105 profiles averaged
red: 171519-172509, 13105 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 170530-171519, 13105 profiles averaged
red: 171519-172509, 13105 profiles averaged

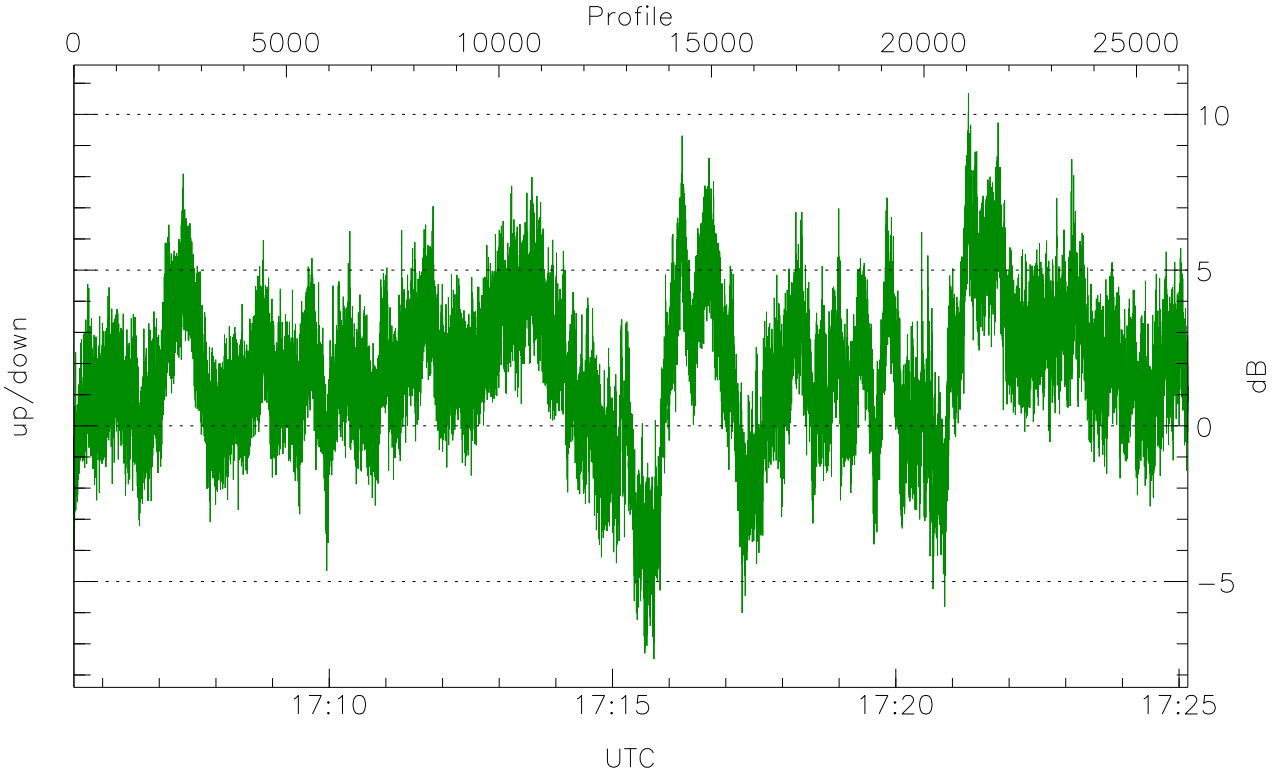


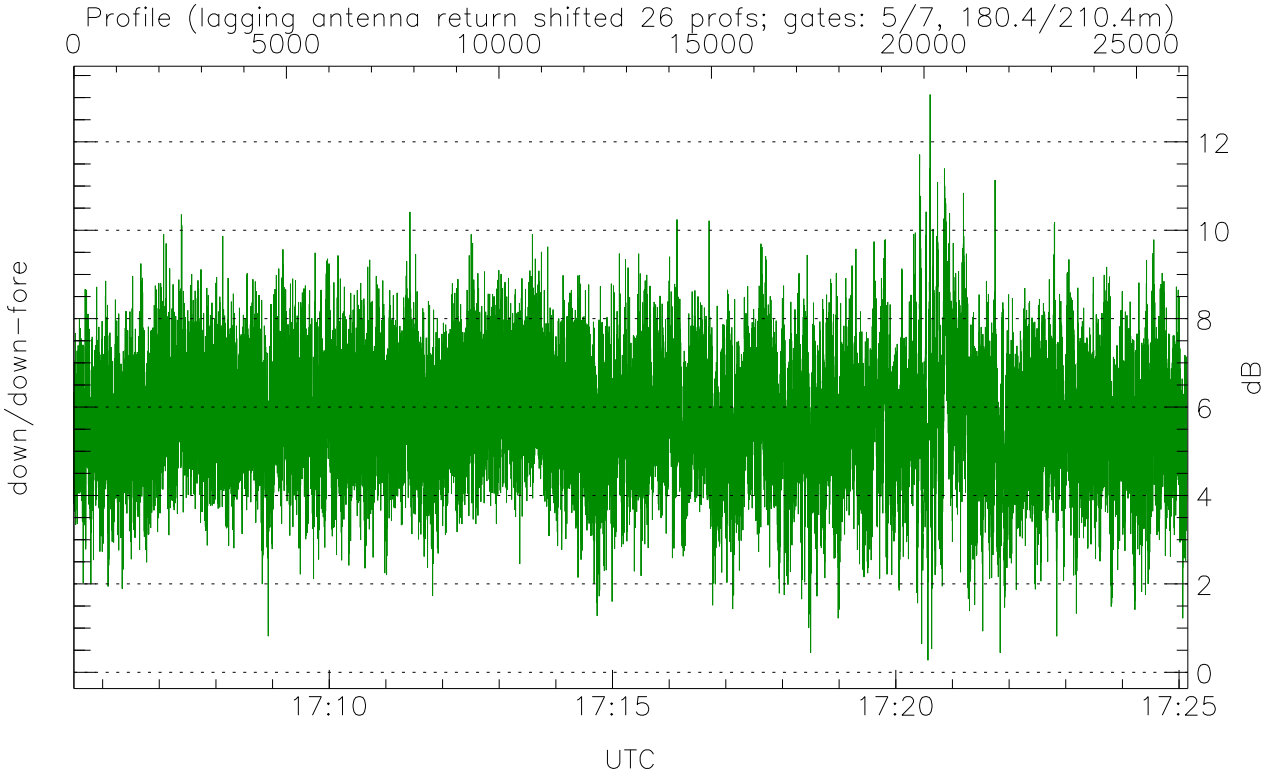
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

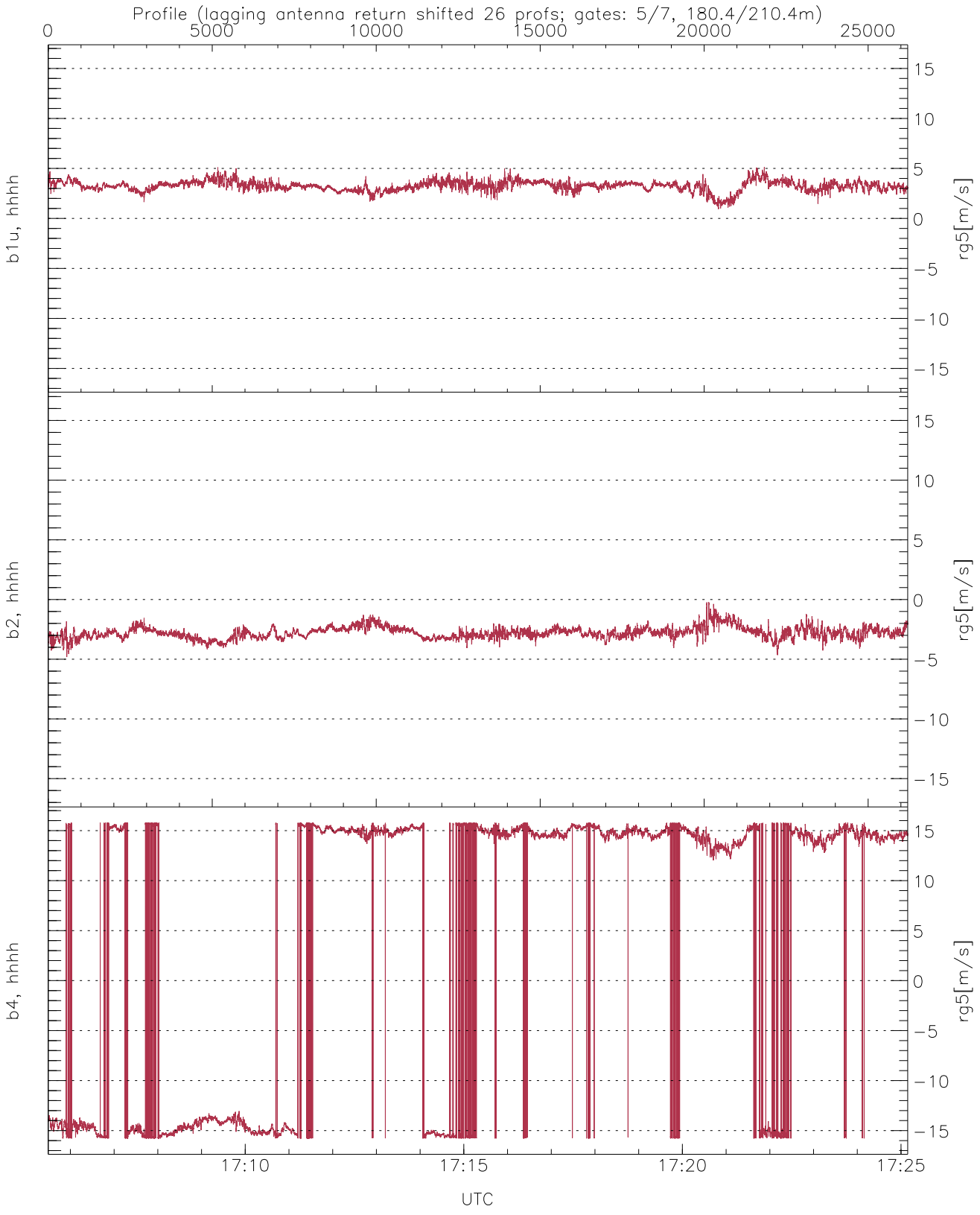
	Min	Max	Mean
up(hh[dBm])	-20.03	-5.04	-12.17
down(hh[dBm])	-28.03	-5.89	-13.71
down-fore(hh[dBm])	-31.09	-9.83	-18.10





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

	Min	Max	Mean
up/down(dB)	-7.49	10.68	1.77
down/down-fore(dB)	0.27	13.07	5.78



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.93	5.15	3.24	0.51
b2, hhhh(rg5[m/s])	-4.82	-0.23	-2.79	0.49
b4, hhhh(rg5[m/s])	-15.79	15.79	4.47	14.18