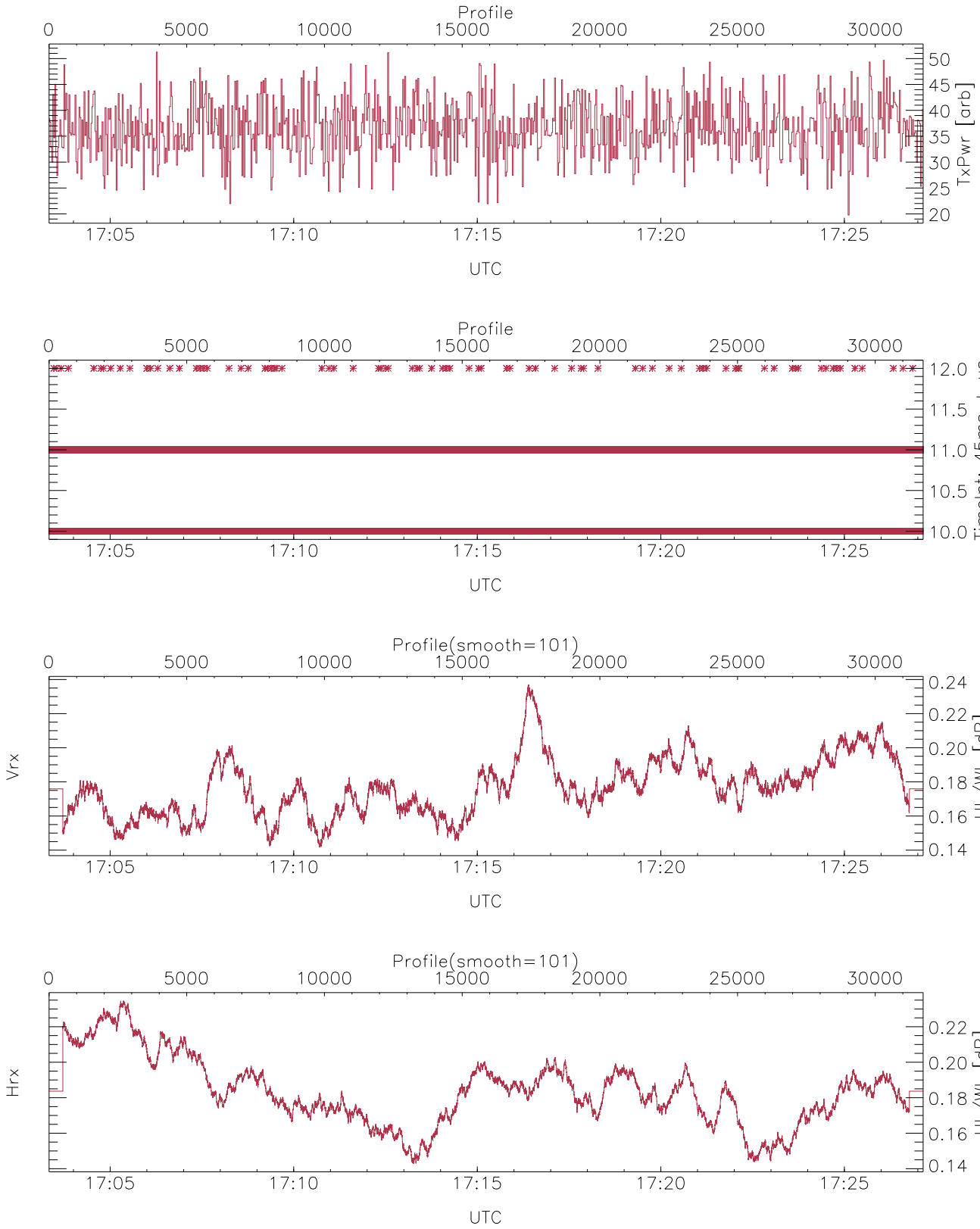
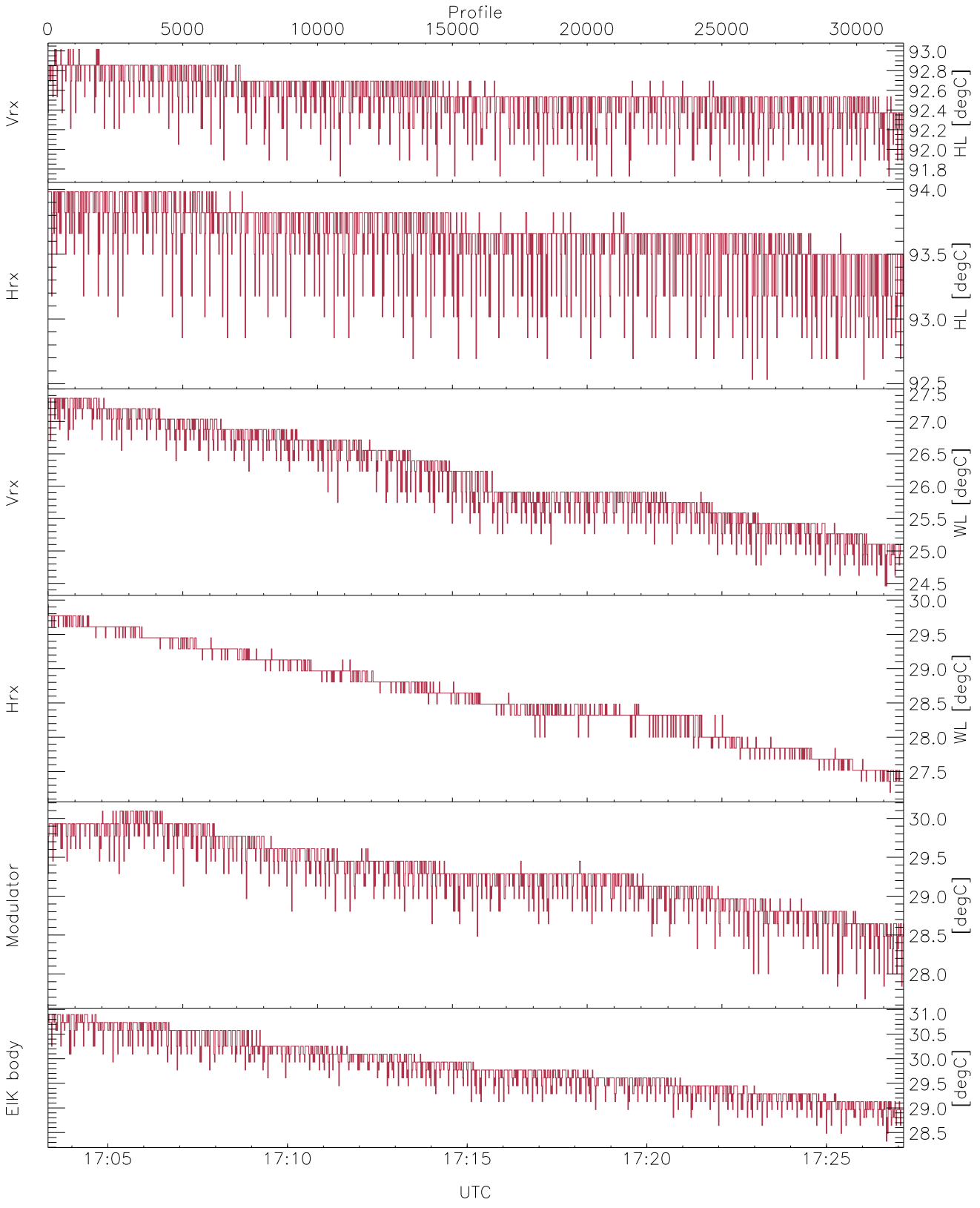


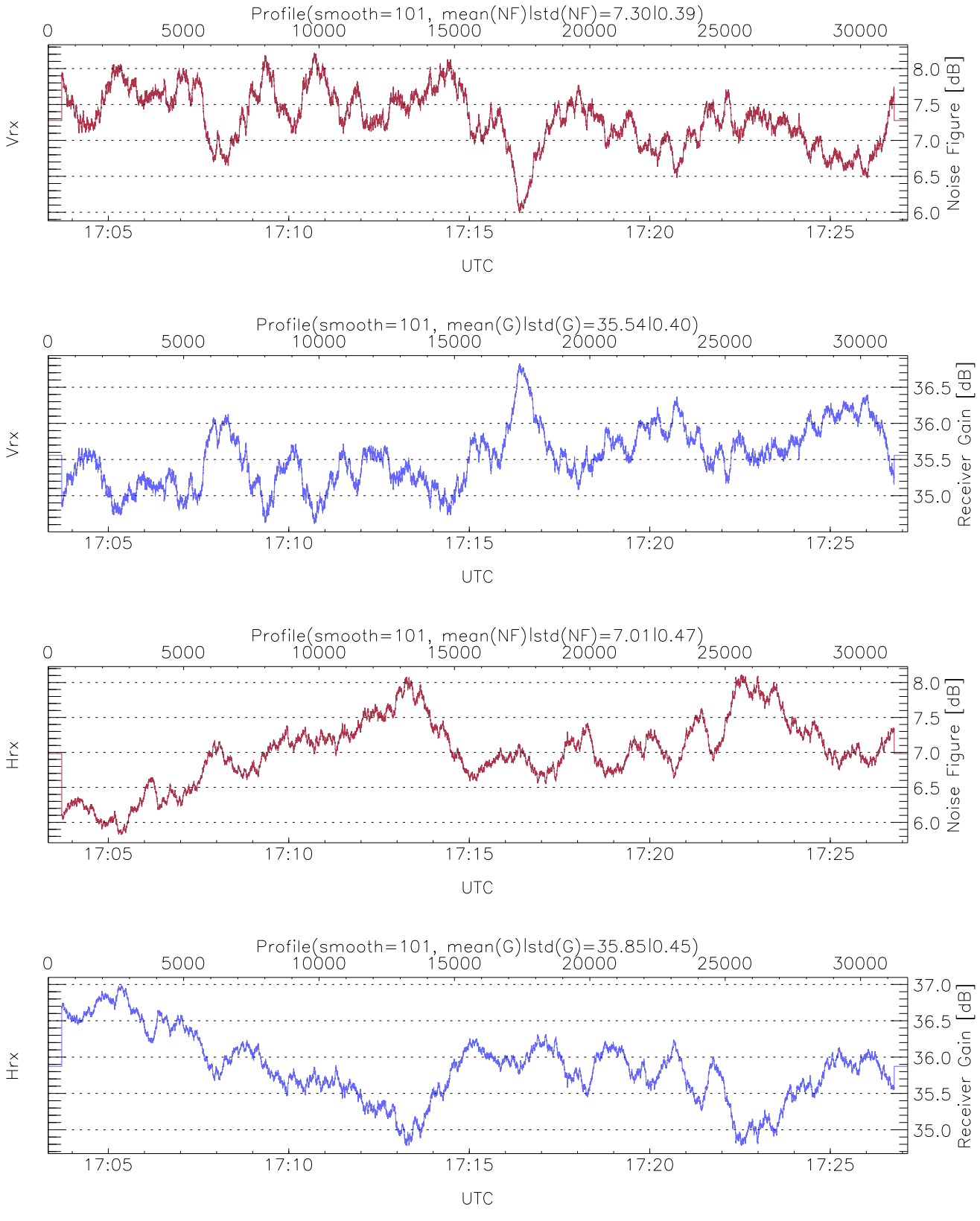
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:03:20-17:27:09, TimeCor: 0.00s, Dur: 1428.66s
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): 31741/31741, 0-31740/17:03:20-17:27:09
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



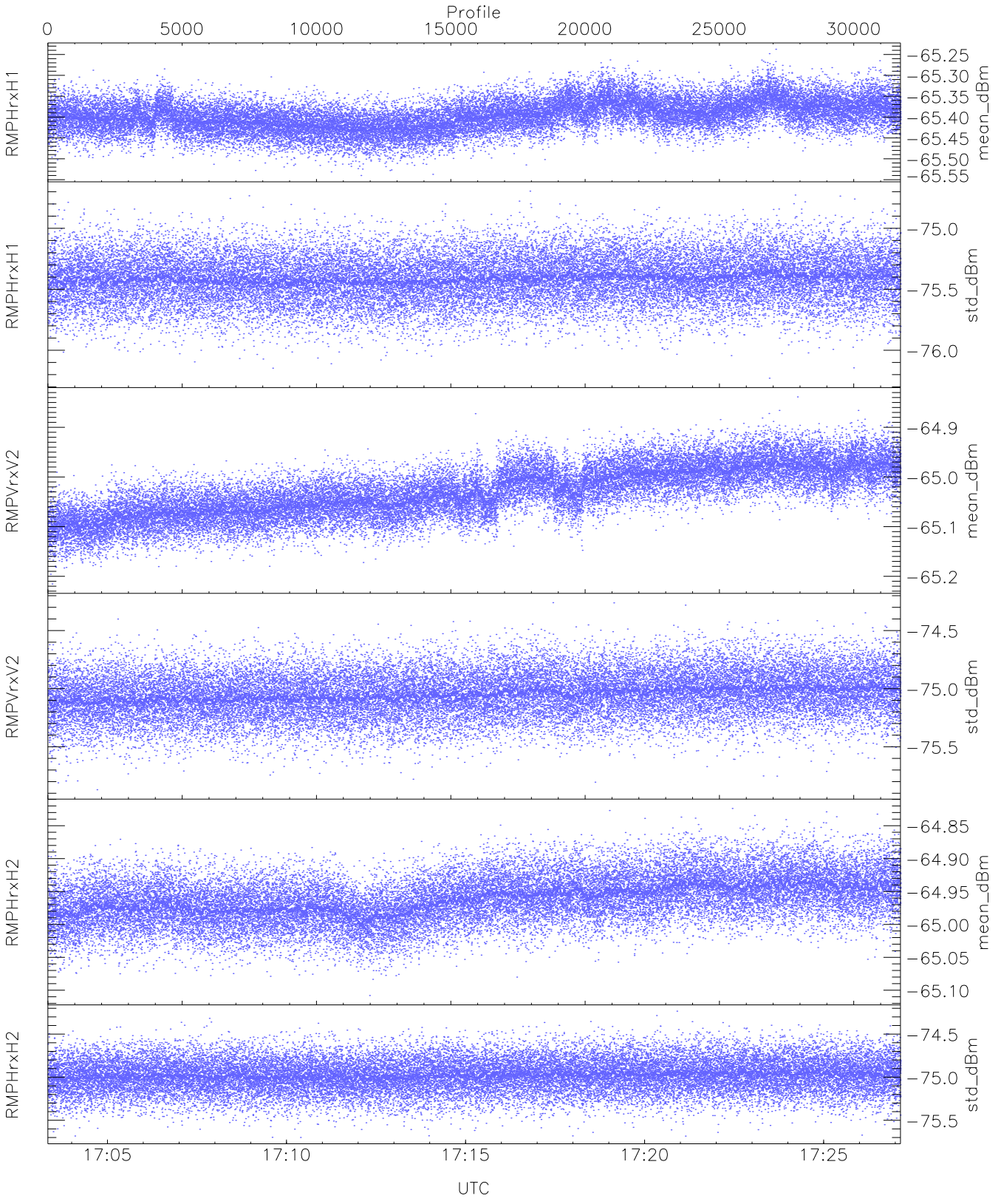
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,27,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,93,27,29,30,30
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,44,44,22)



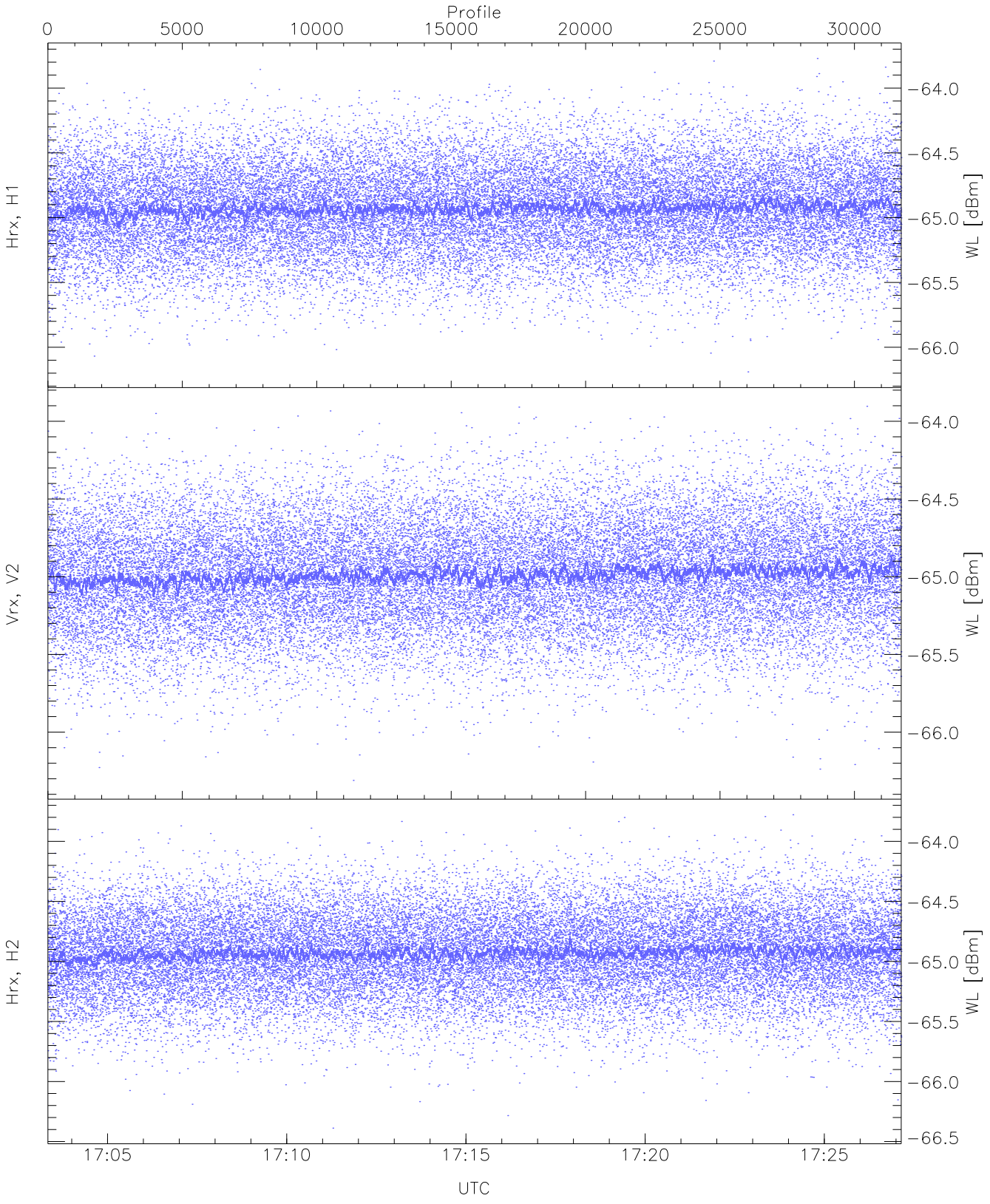
WCR3 CPP Receivers Gain and Noise Figure

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



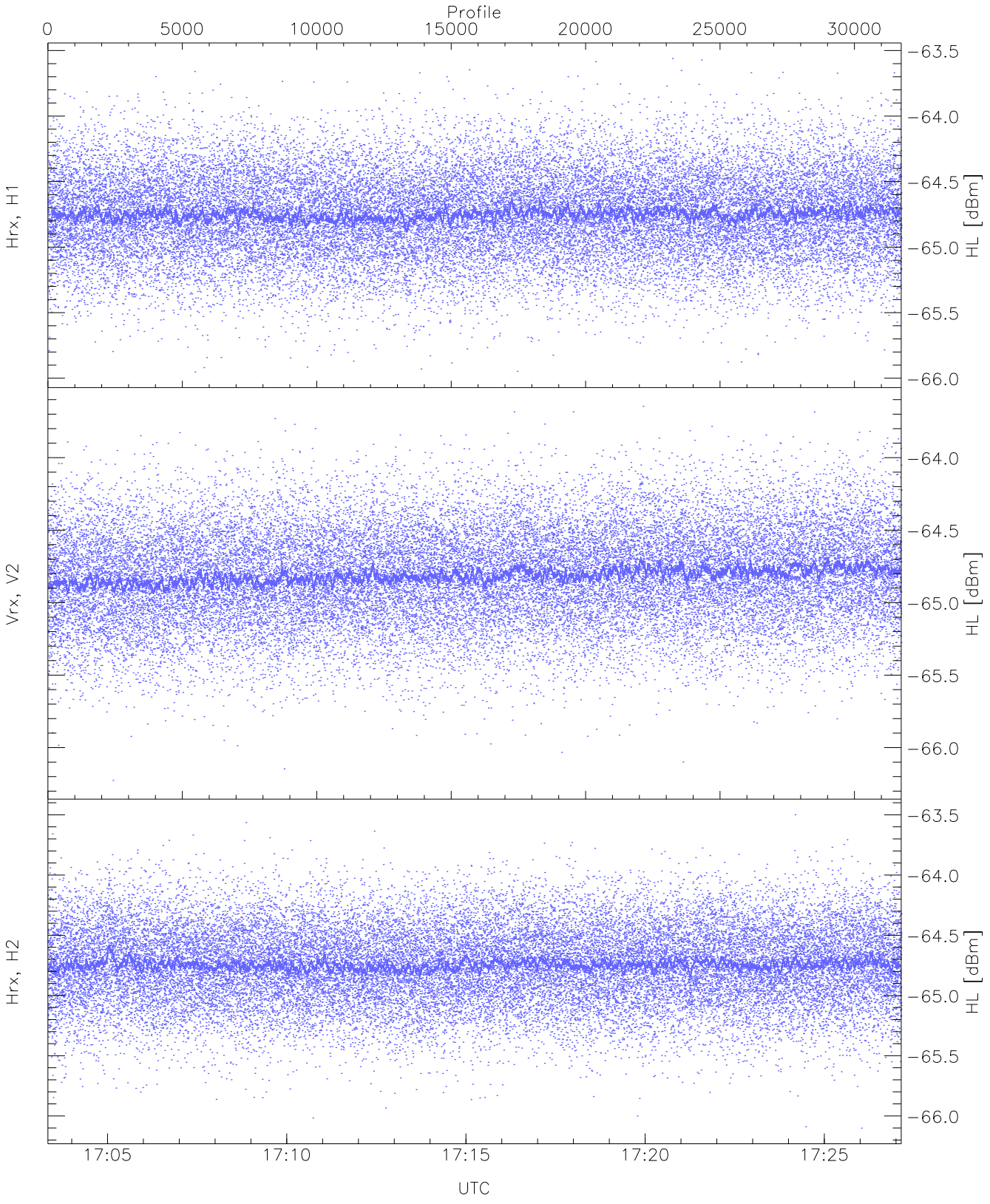
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.54	-65.24	-65.40	-65.40	-86.12
RMPHrxH1(std_dBm)	-76.23	-74.70	-75.41	-75.41	-89.17
RMPVrxV2(mean_dBm)	-65.22	-64.84	-65.03	-65.03	-84.35
RMPVrxV2(std_dBm)	-75.87	-74.26	-75.05	-75.05	-88.74
RMPHrxH2(mean_dBm)	-65.11	-64.82	-64.96	-64.96	-85.92
RMPHrxH2(std_dBm)	-75.70	-74.23	-74.98	-74.98	-88.74



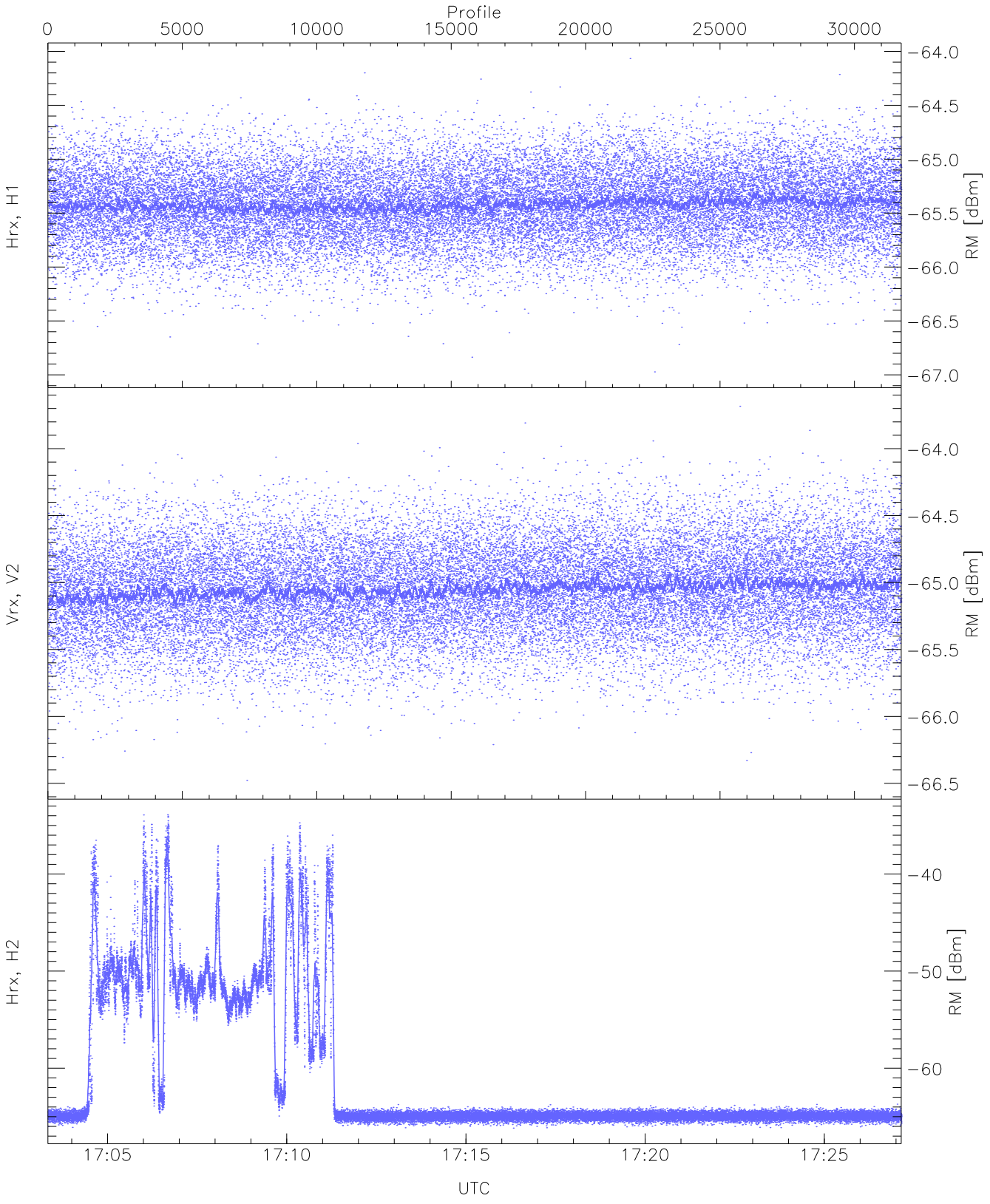
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.19	-63.77	-64.92	-64.93	-76.43
Vrx, V2(WL [dBm])	-66.31	-63.90	-64.98	-64.99	-76.48
Hrx, H2(WL [dBm])	-66.39	-63.78	-64.93	-64.93	-76.41



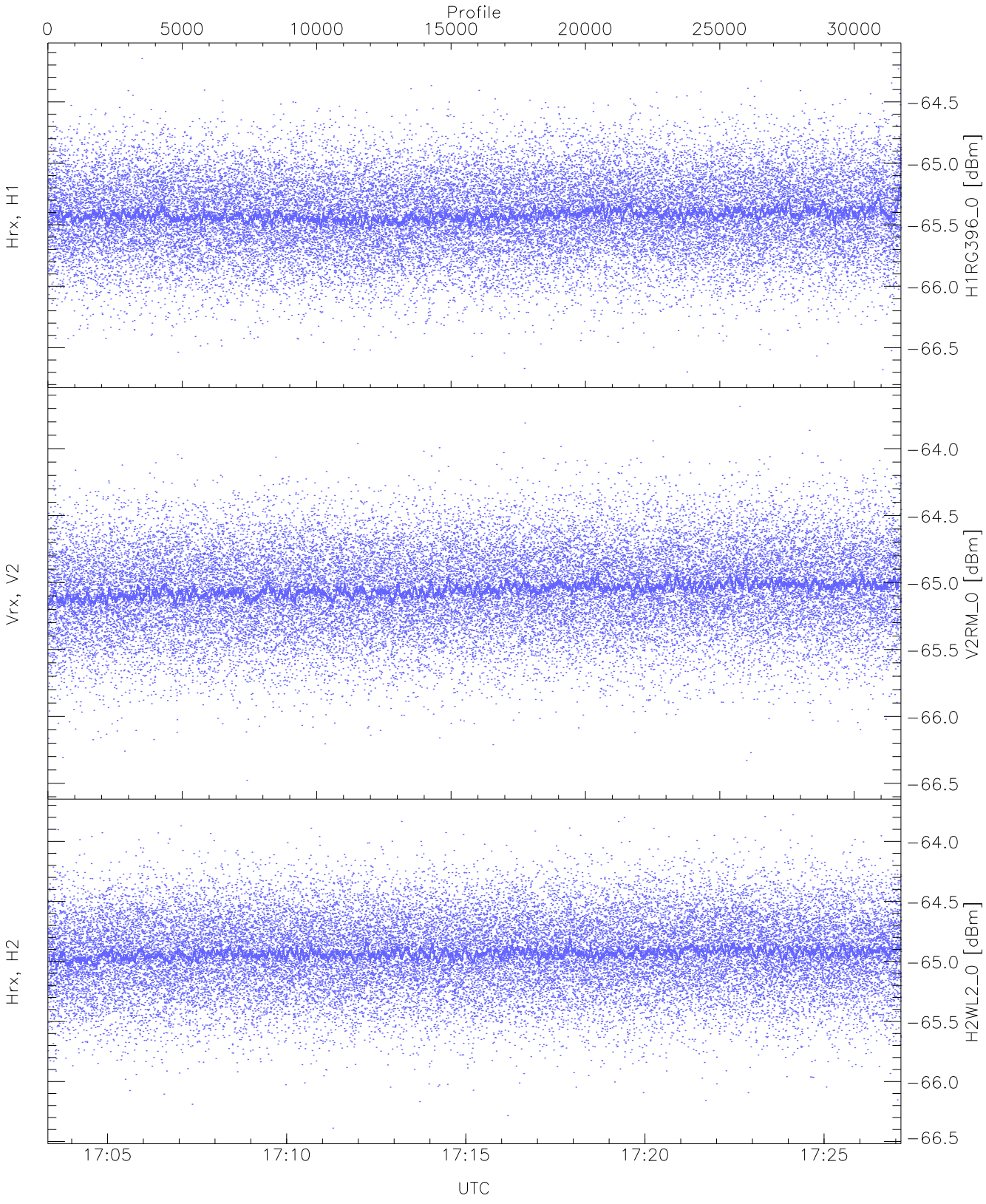
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.95	-63.56	-64.74	-64.75	-76.24
Vrx, V2(HL [dBm])	-66.23	-63.65	-64.81	-64.81	-76.28
Hrx, H2(HL [dBm])	-66.10	-63.50	-64.74	-64.75	-76.22



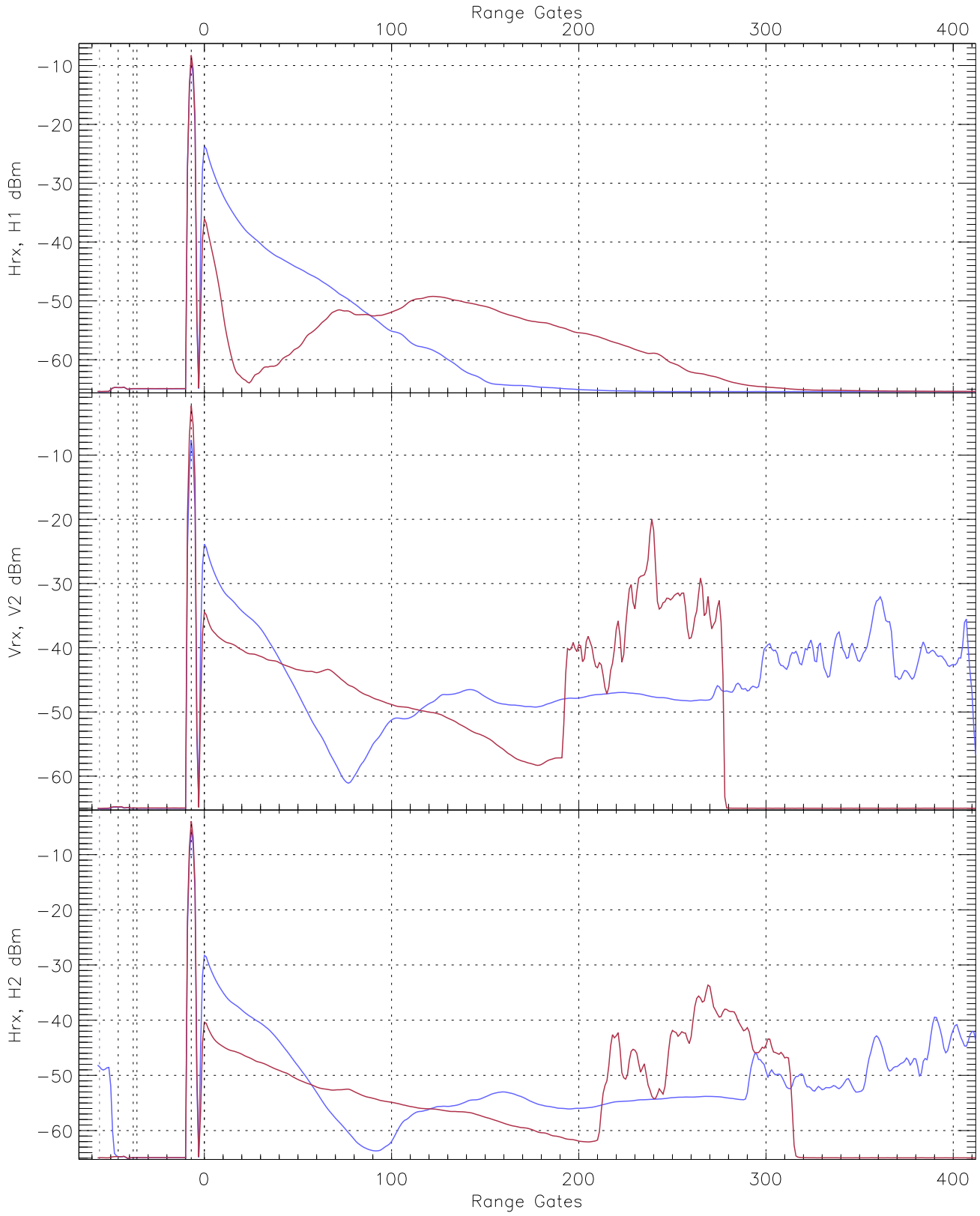
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.97	-64.07	-65.41	-65.42	-76.88
Vrx, V2(RM [dBm])	-66.48	-63.68	-65.04	-65.05	-76.52
Hrx, H2(RM [dBm])	-66.18	-33.90	-51.35	-64.78	-45.78

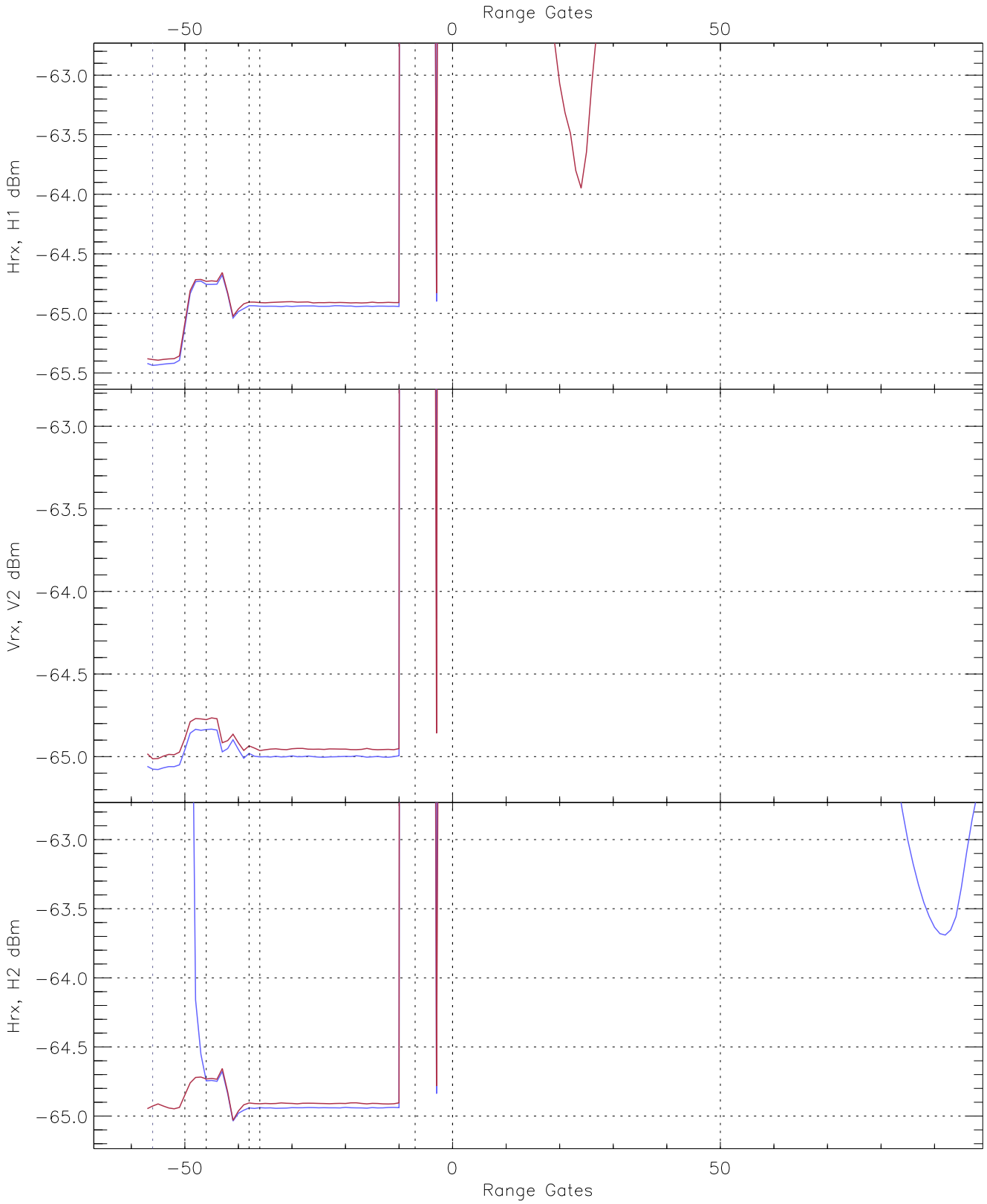


WCR3 CPP "Best" estimate Receivers Noise Power

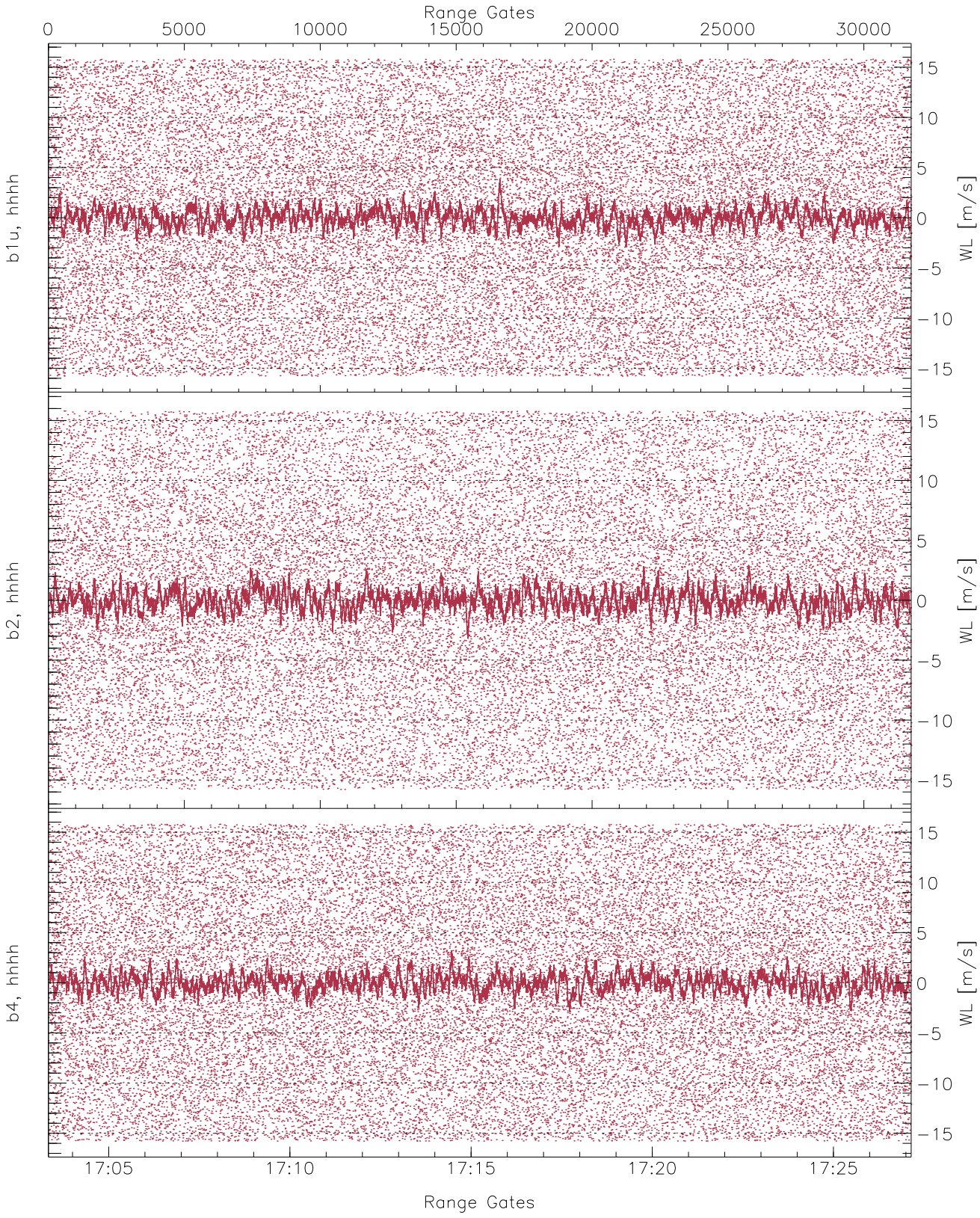
	Min	Max	Mean	Median	StDev
H1RG396_0 [dBm]	-66.70	-64.15	-65.41	-65.42	-76.91
V2RM_0 [dBm]	-66.48	-63.68	-65.04	-65.05	-76.52
H2WL2_0 [dBm]	-66.39	-63.78	-64.93	-64.93	-76.41



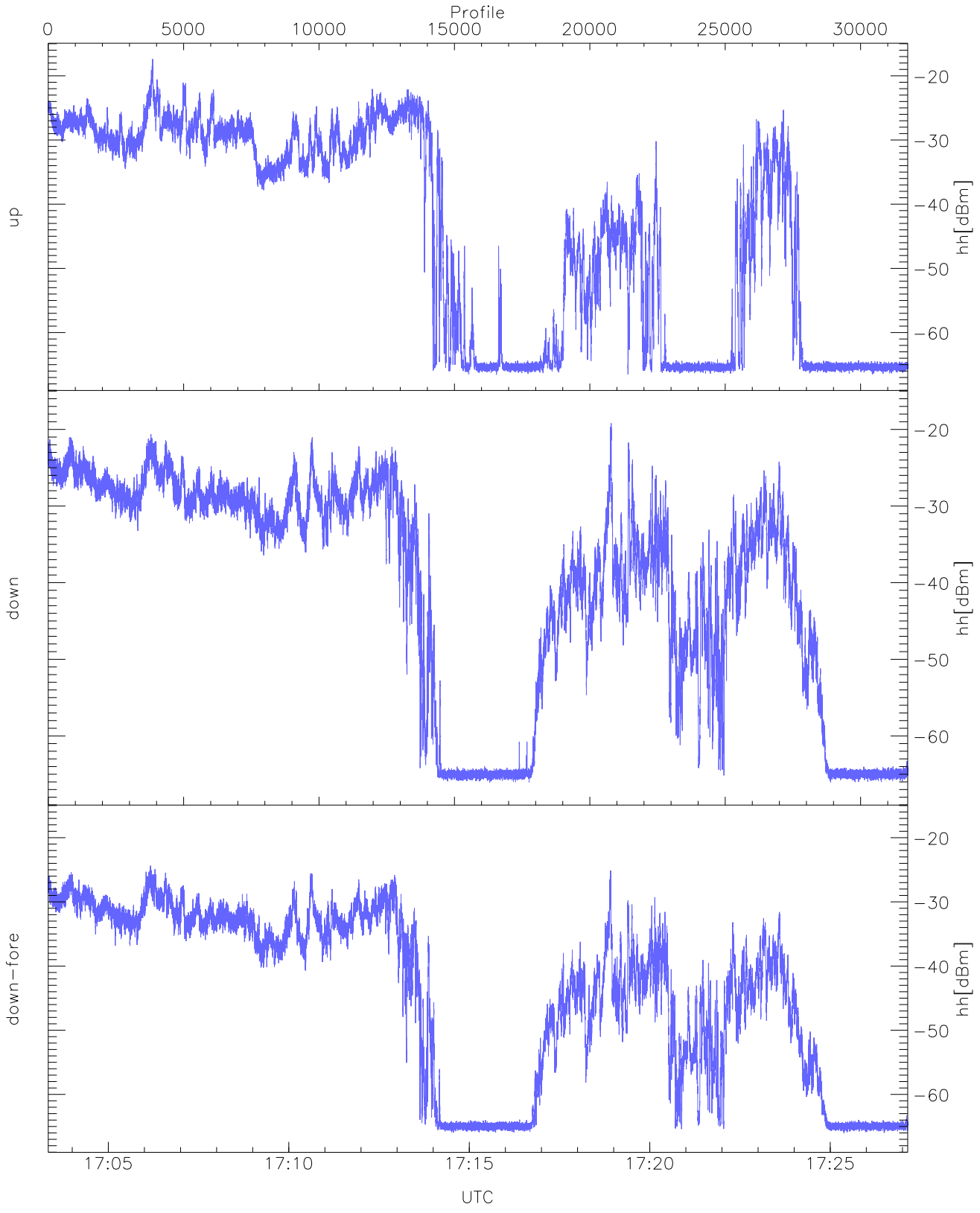
WCR3 CPP Averaged Received power for all recorded gates
blue: 170320-171514, 15871 profiles averaged
red: 171514-172709, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 170320-171514, 15871 profiles averaged
red: 171514-172709, 15871 profiles averaged

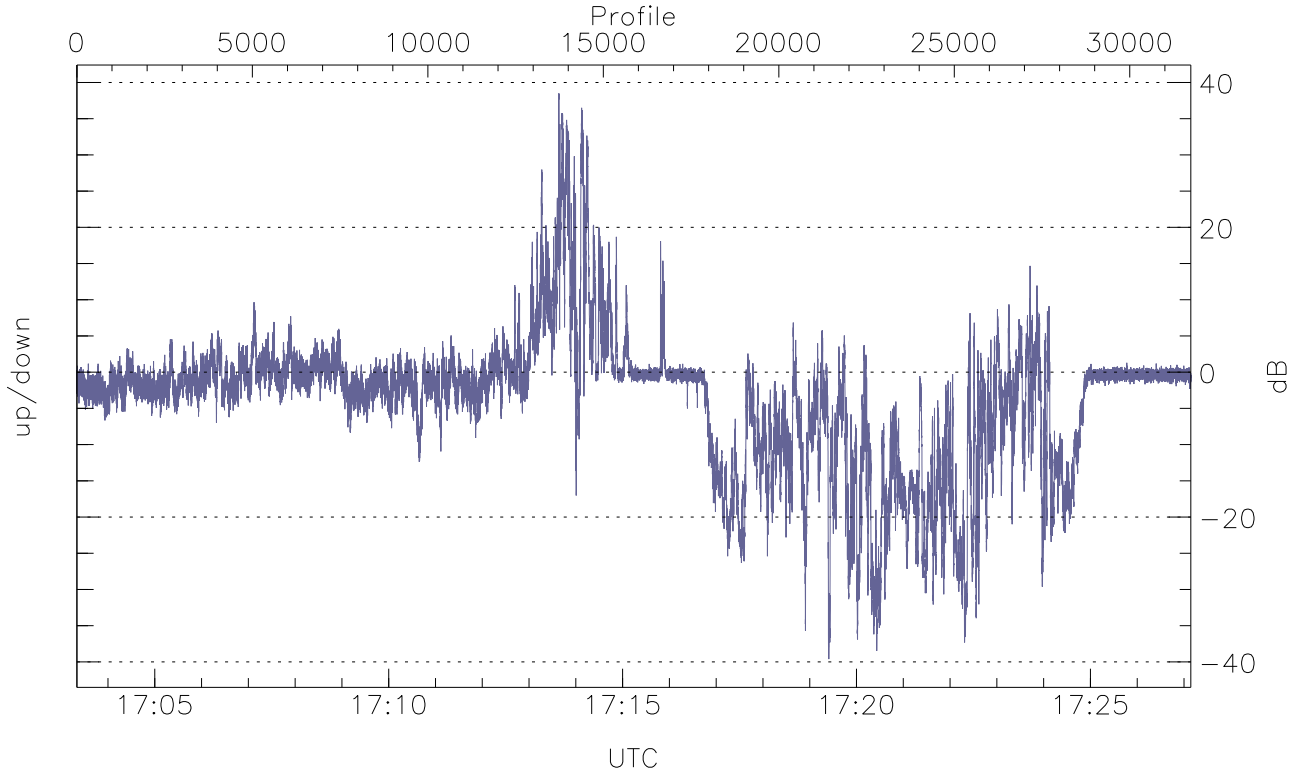


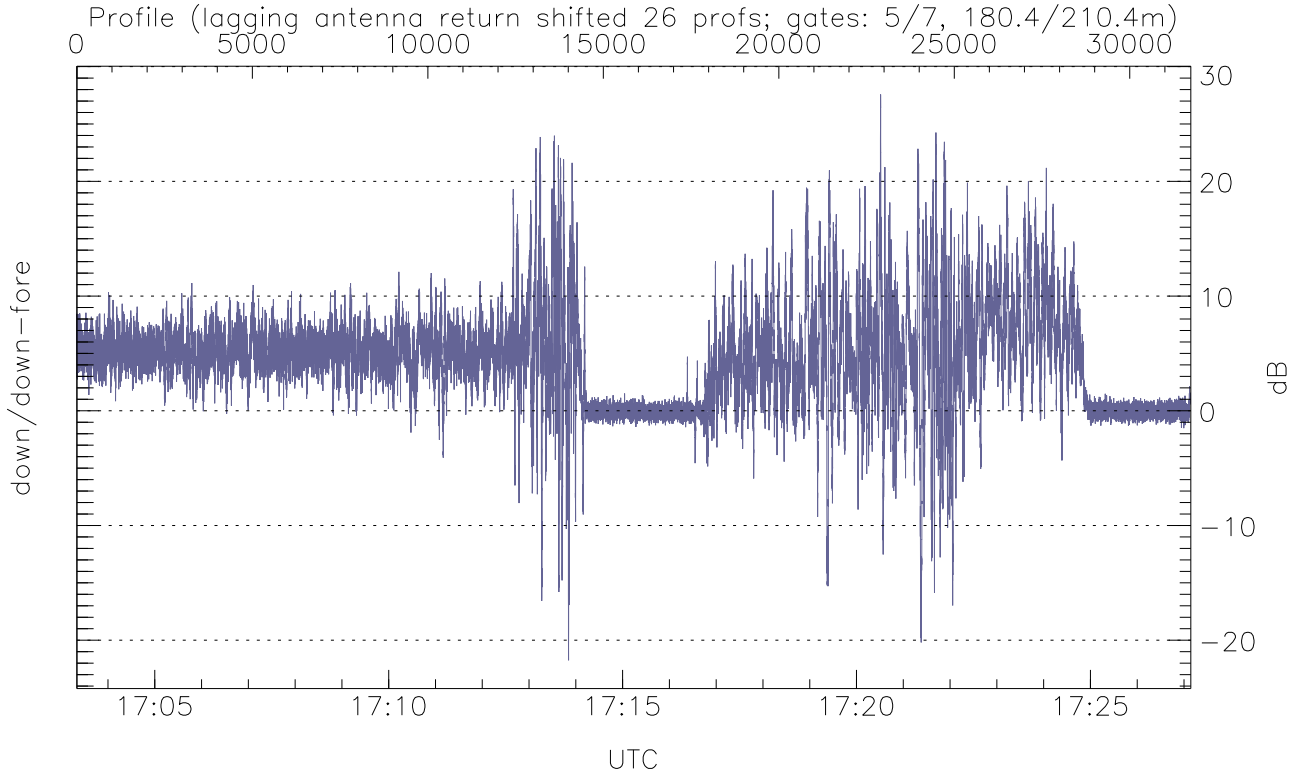
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

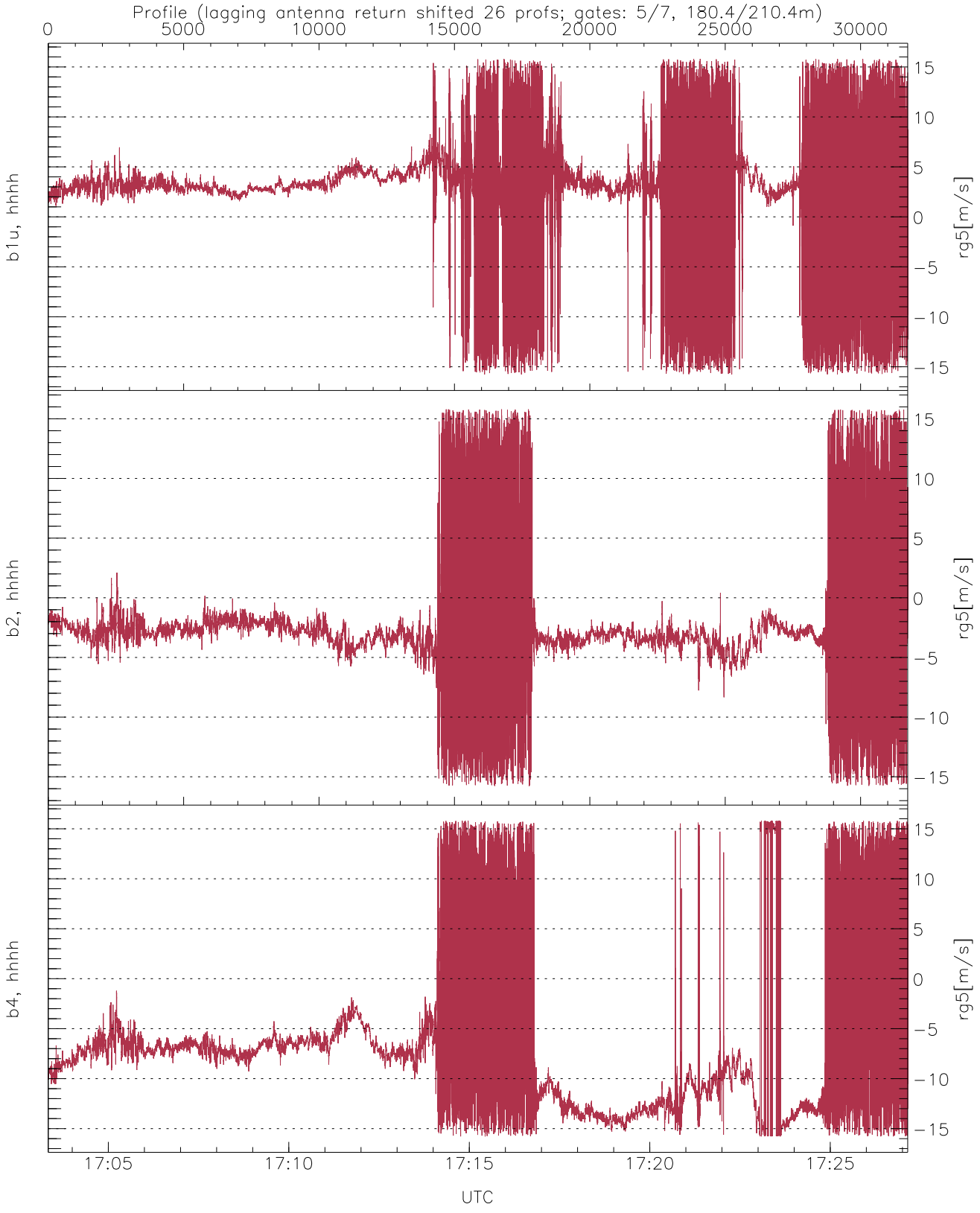
	Min	Max	Mean
up(hh[dBm])	-66.57	-17.38	-31.14
down(hh[dBm])	-66.10	-19.20	-30.62
down-fore(hh[dBm])	-66.03	-24.35	-34.71





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

	Min	Max	Mean
up/down(dB)	-39.61	38.51	-3.76
down/down-fore(dB)	-21.75	27.57	4.37



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.76	15.79	2.43	4.98
b2, hhhh(rg5[m/s])	-15.78	15.79	-2.44	4.01
b4, hhhh(rg5[m/s])	-15.78	15.79	-6.85	6.70