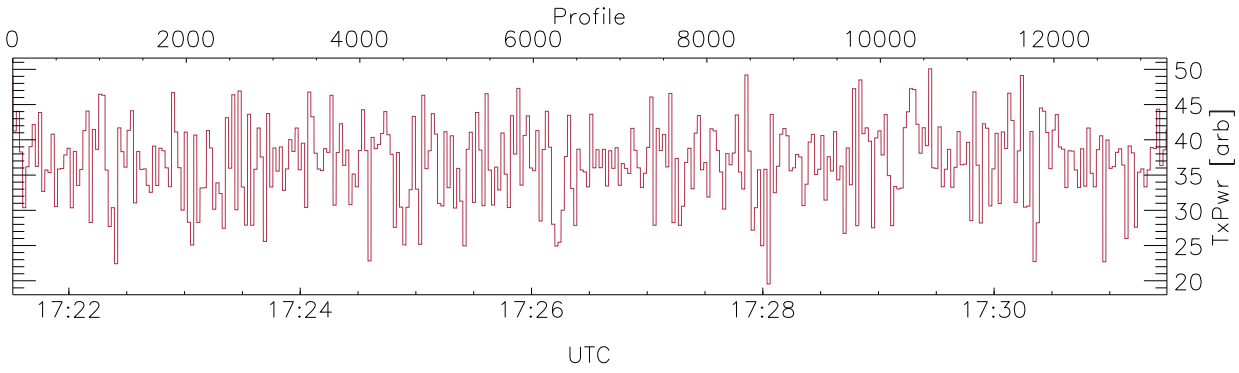
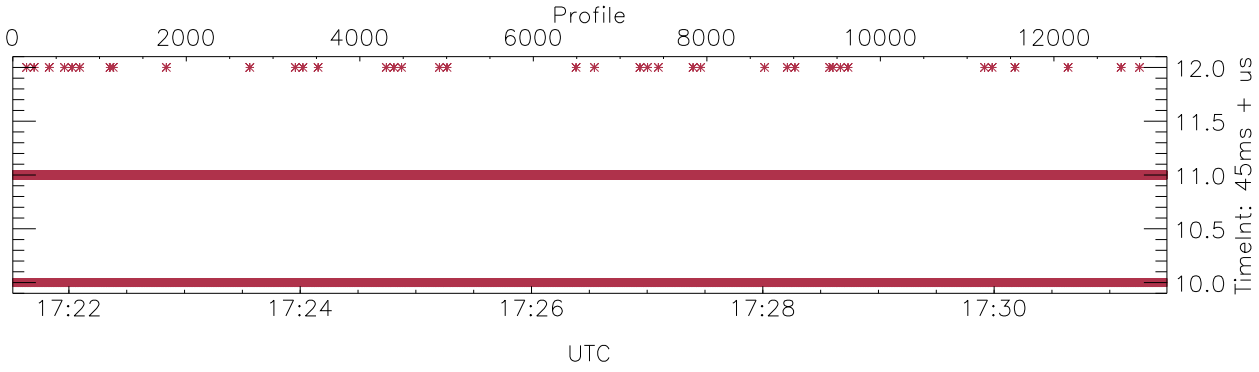
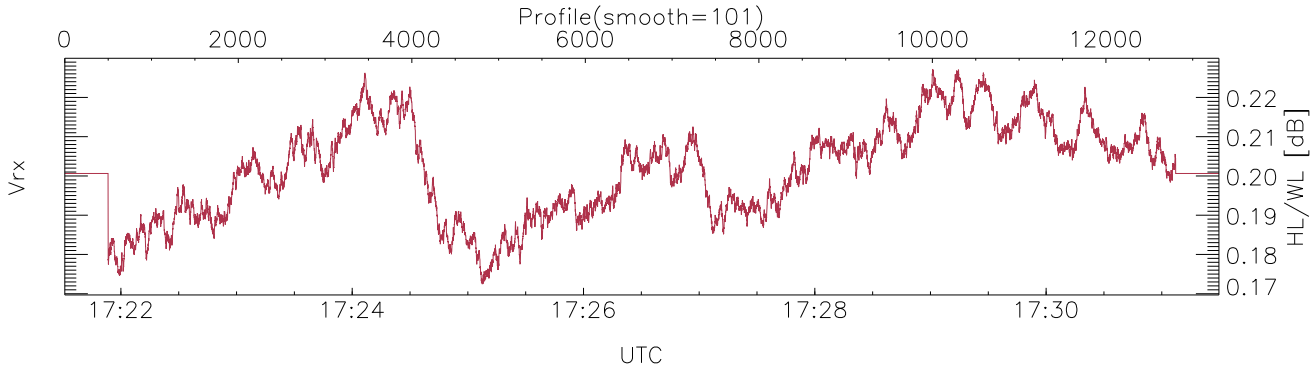
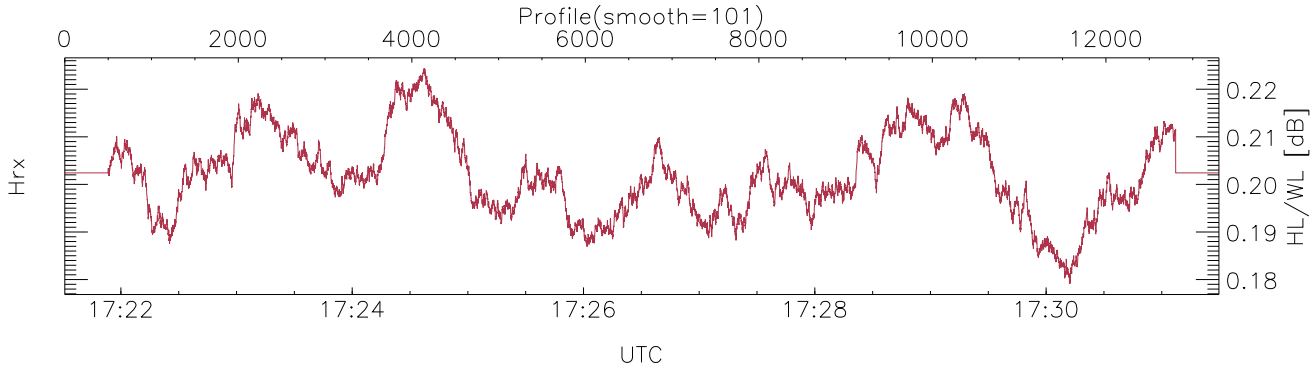


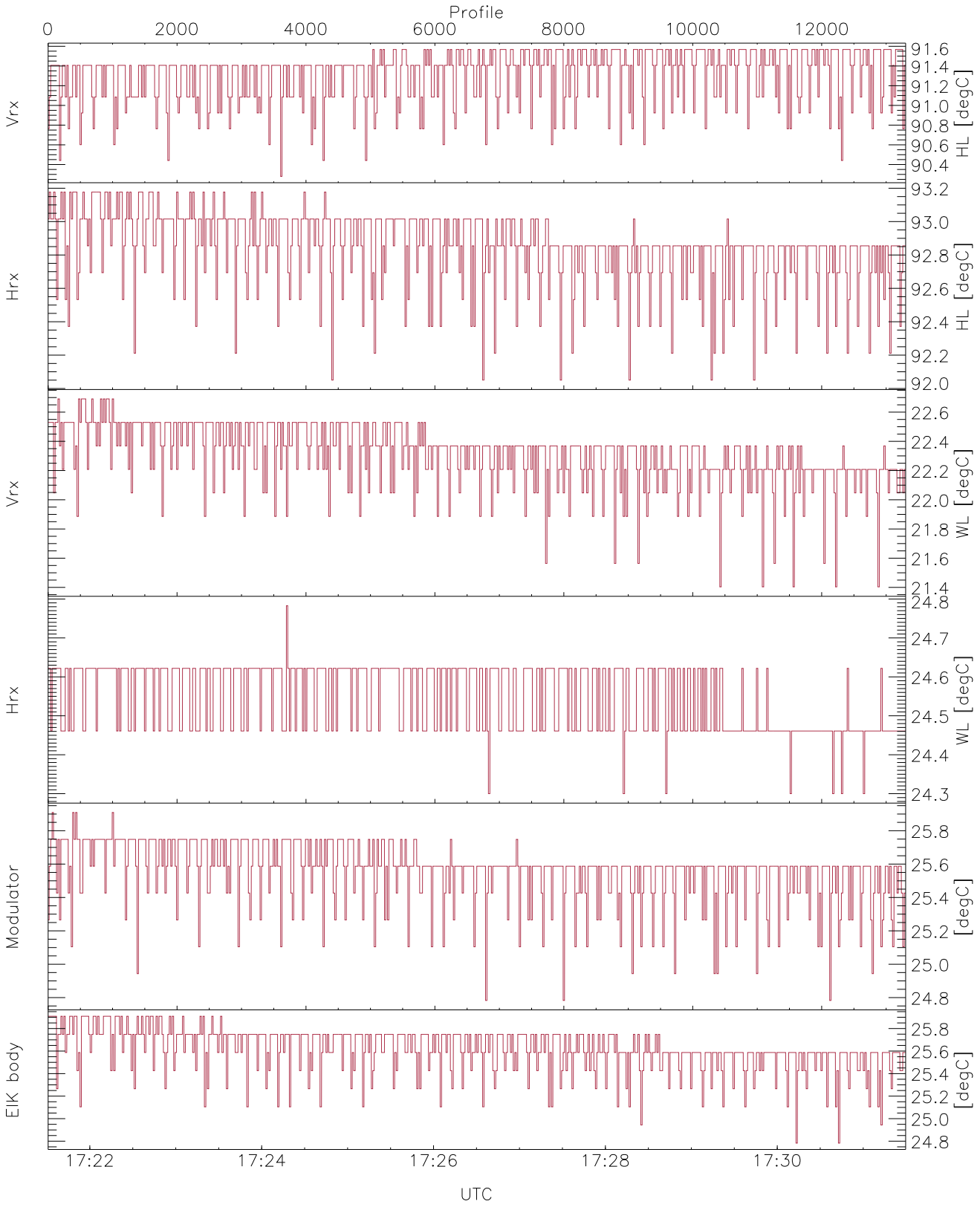






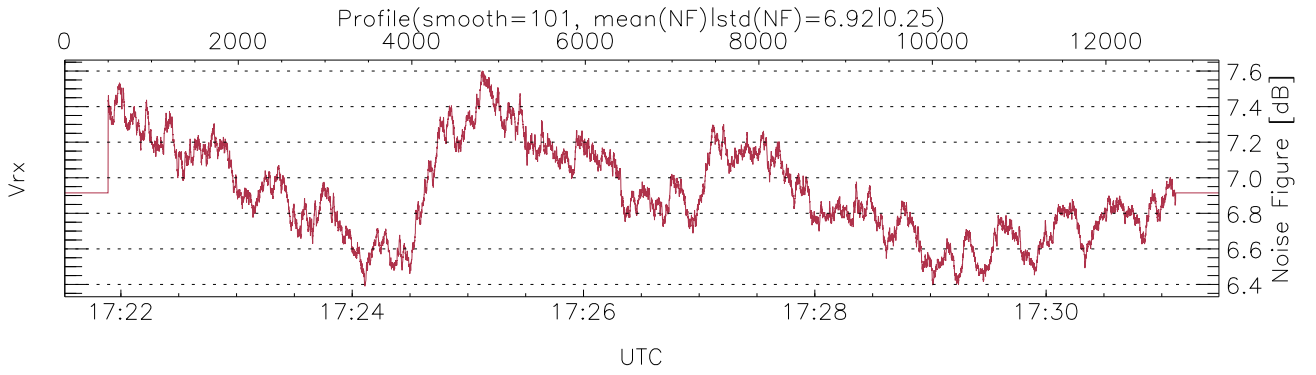
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

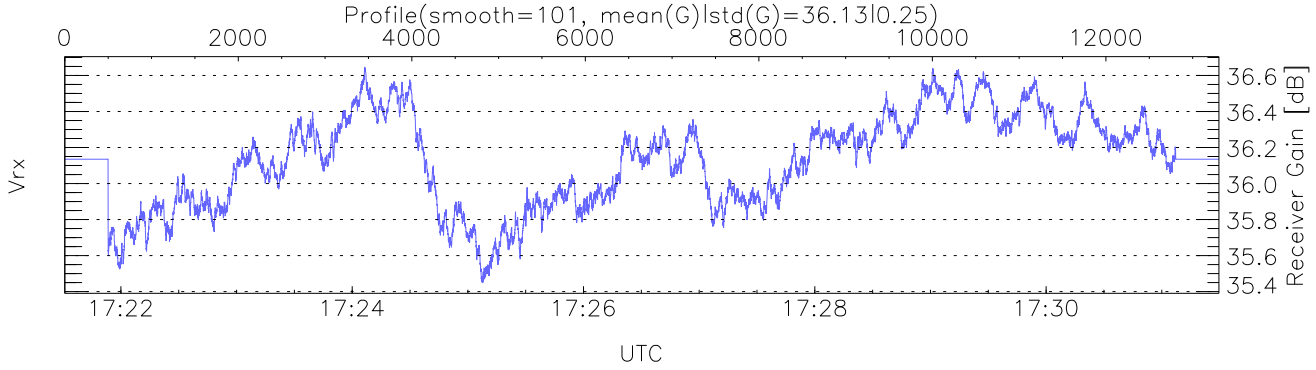
UTC: 17:21:31-17:31:30, TimeCor: 0.00s, Dur: 598.78s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 13304/13304, 0-13303/17:21:31-17:31:30
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

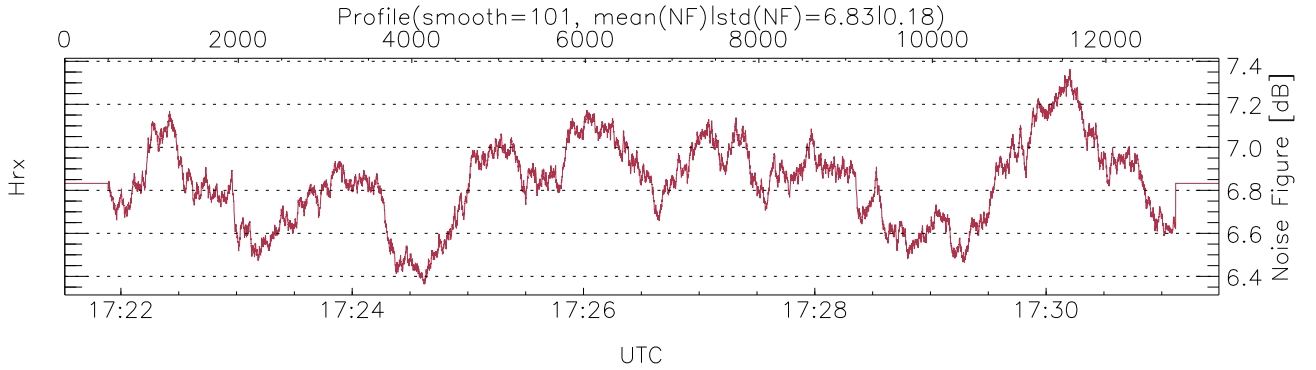


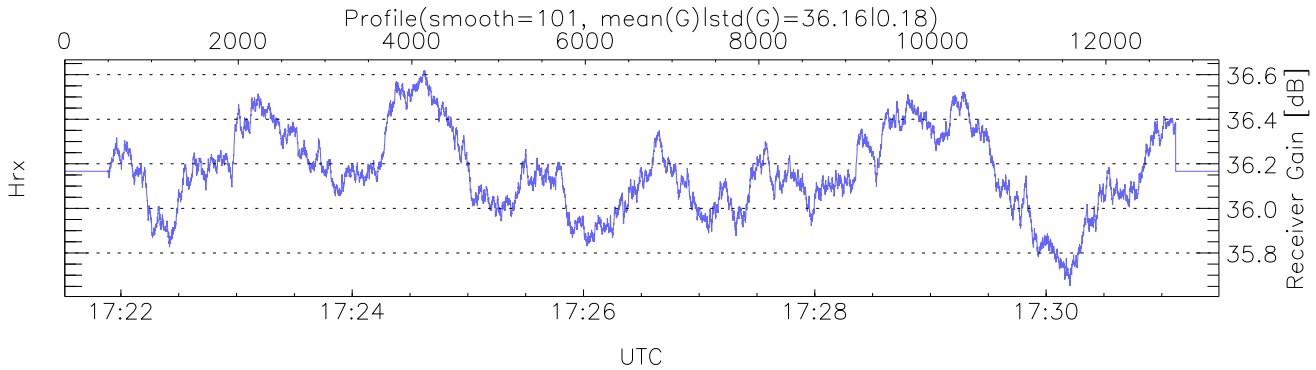
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,21,24,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,22,24,25,25
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22)



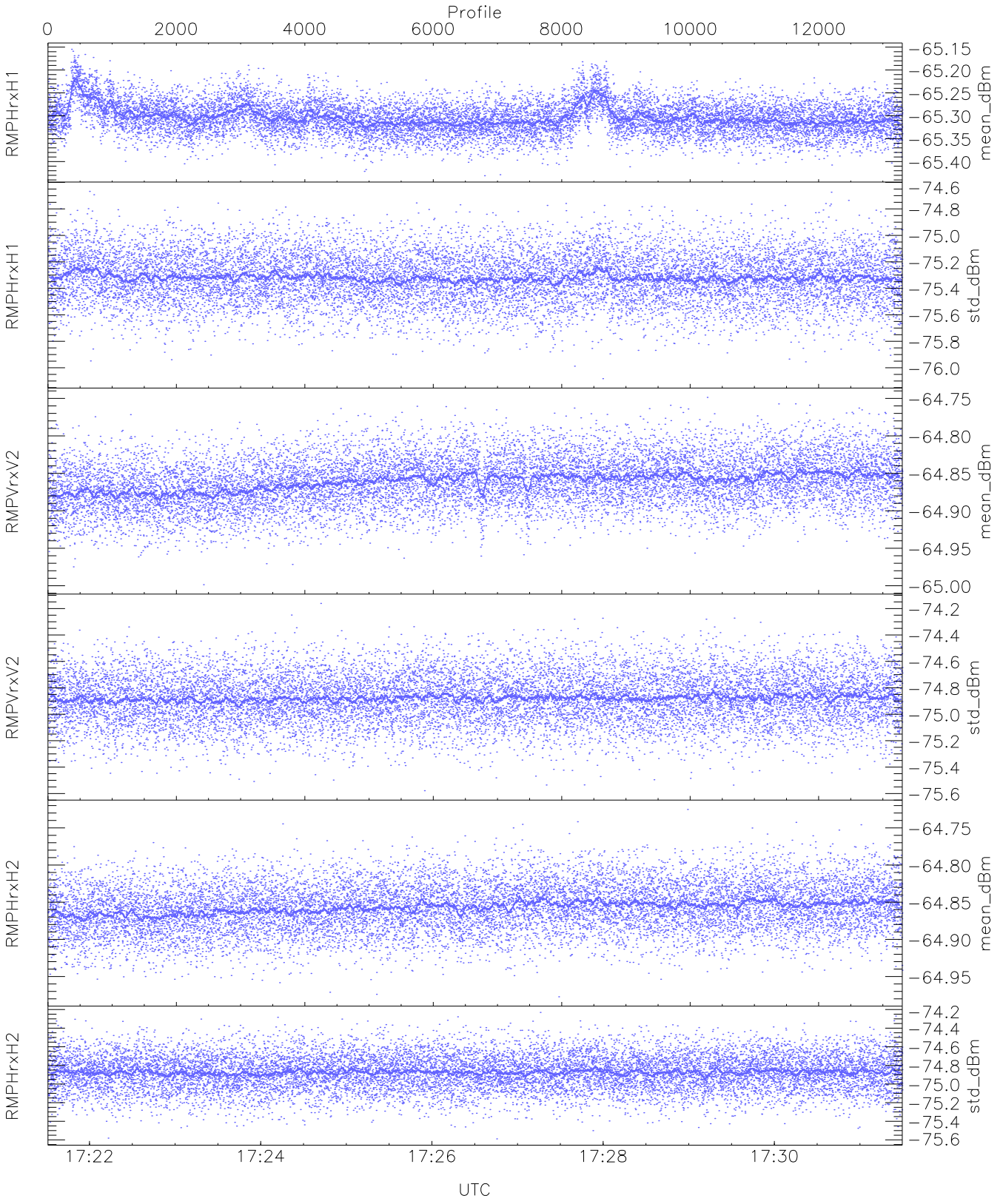






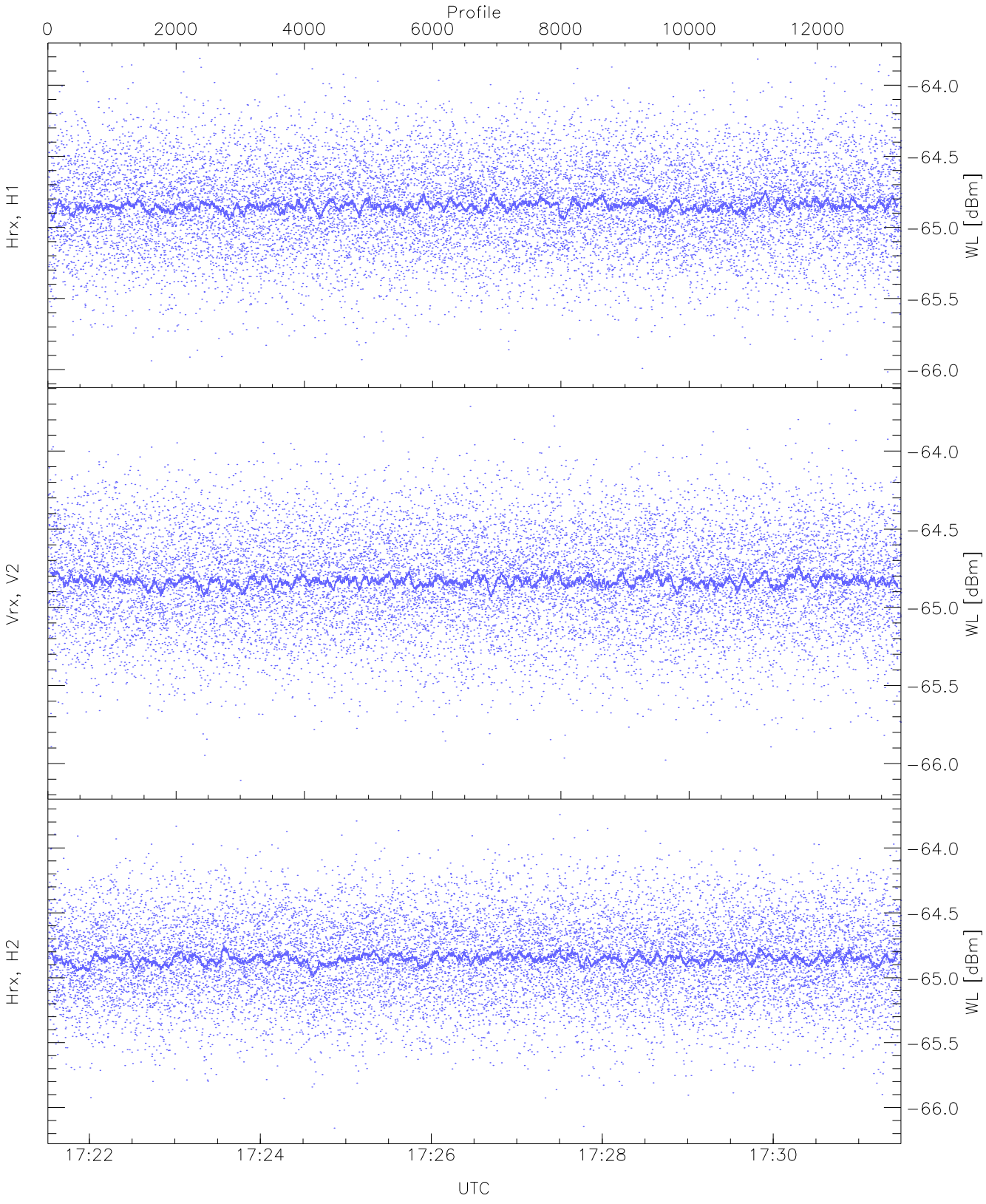
WCR3 CPP Receivers Gain and Noise Figure

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



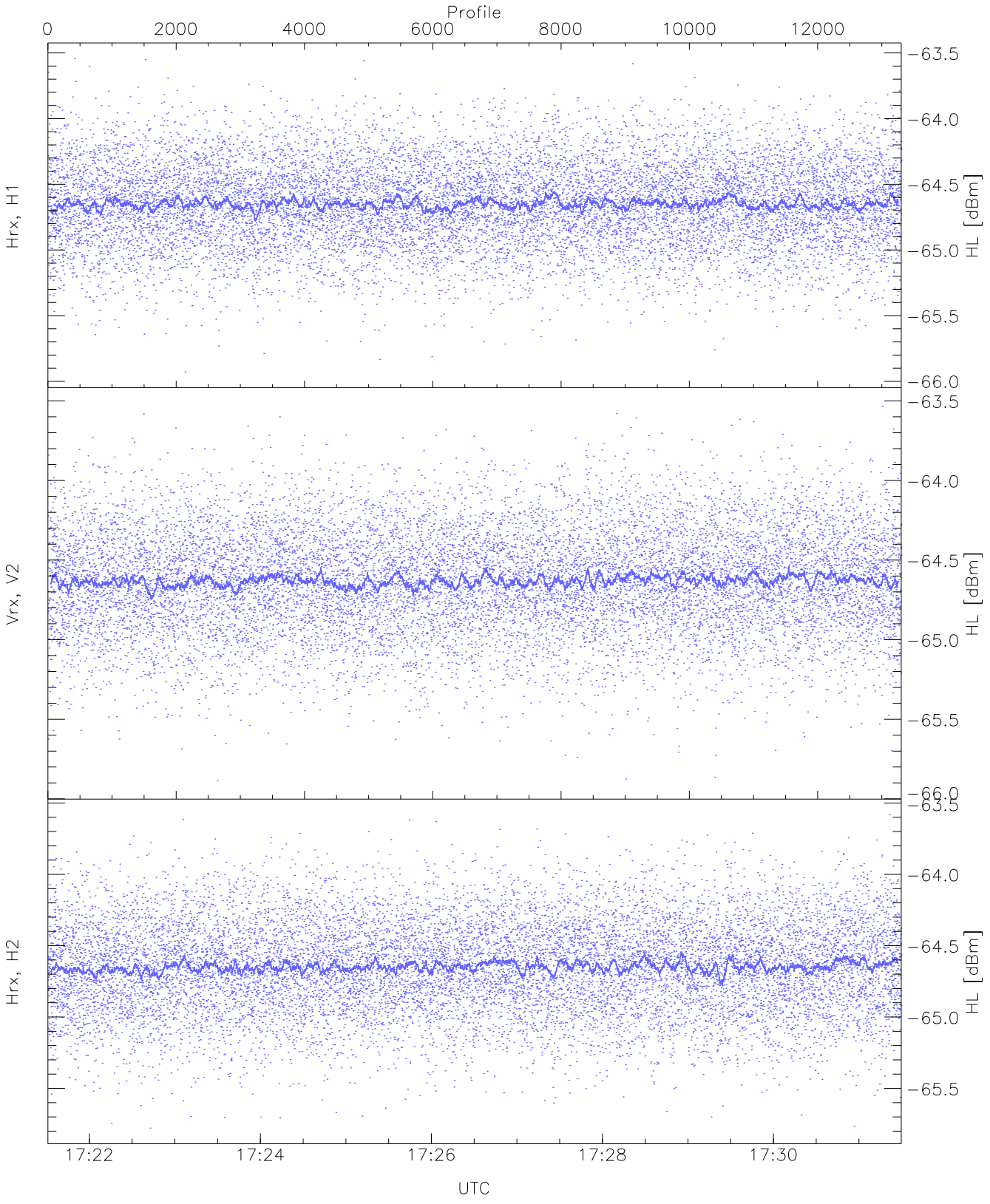
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.15	-65.30	-65.31	-86.27
RMPHrxH1(std_dBm)	-76.08	-74.67	-75.32	-75.32	-89.12
RMPVrxV2(mean_dBm)	-65.00	-64.75	-64.86	-64.86	-86.26
RMPVrxV2(std_dBm)	-75.58	-74.16	-74.88	-74.88	-88.69
RMPHrxH2(mean_dBm)	-64.98	-64.73	-64.86	-64.86	-86.31
RMPHrxH2(std_dBm)	-75.59	-74.23	-74.87	-74.87	-88.66



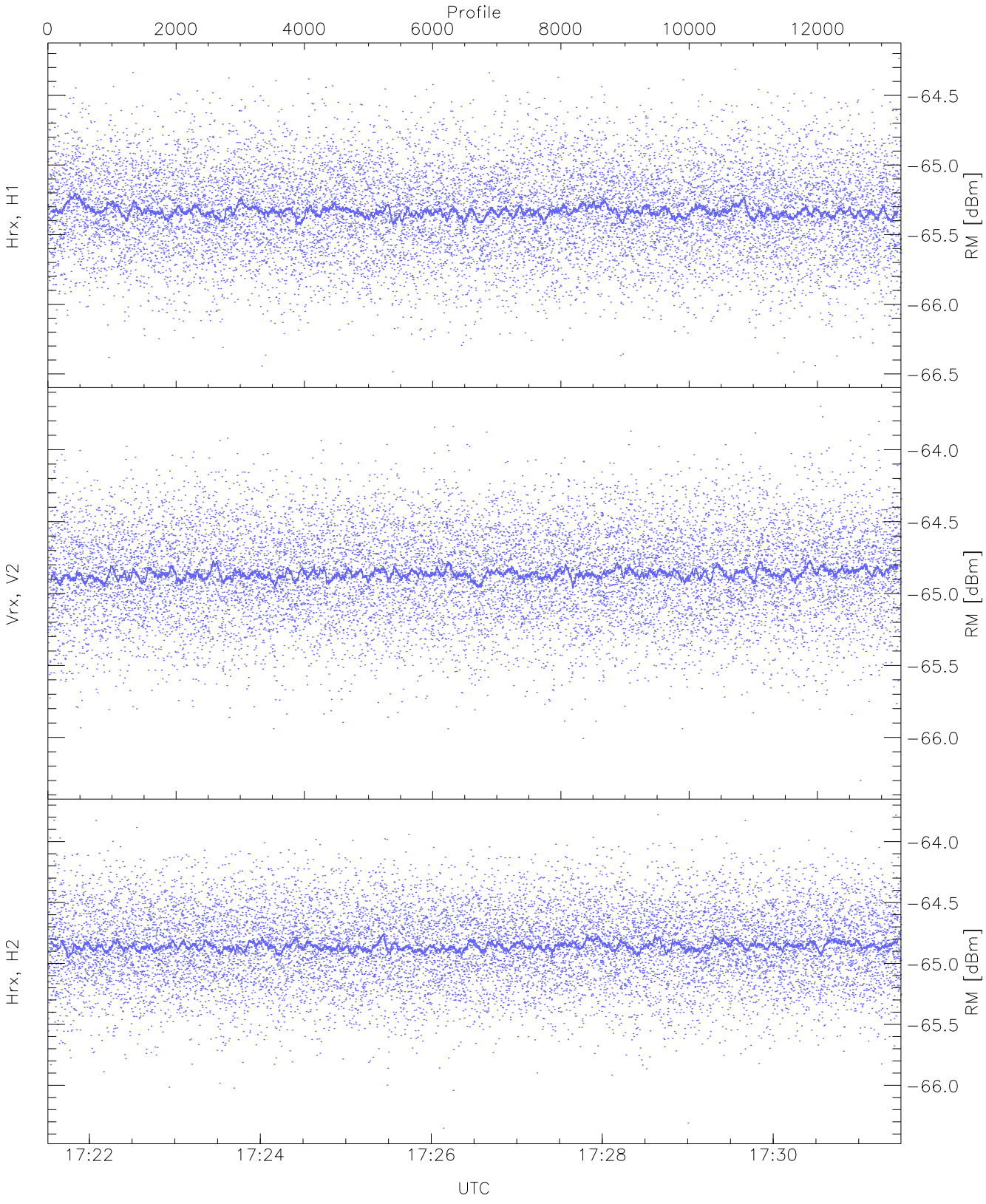
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.02	-63.81	-64.84	-64.84	-76.36
Vrx, V2(WL [dBm])	-66.11	-63.71	-64.82	-64.83	-76.35
Hrx, H2(WL [dBm])	-66.16	-63.74	-64.84	-64.85	-76.31



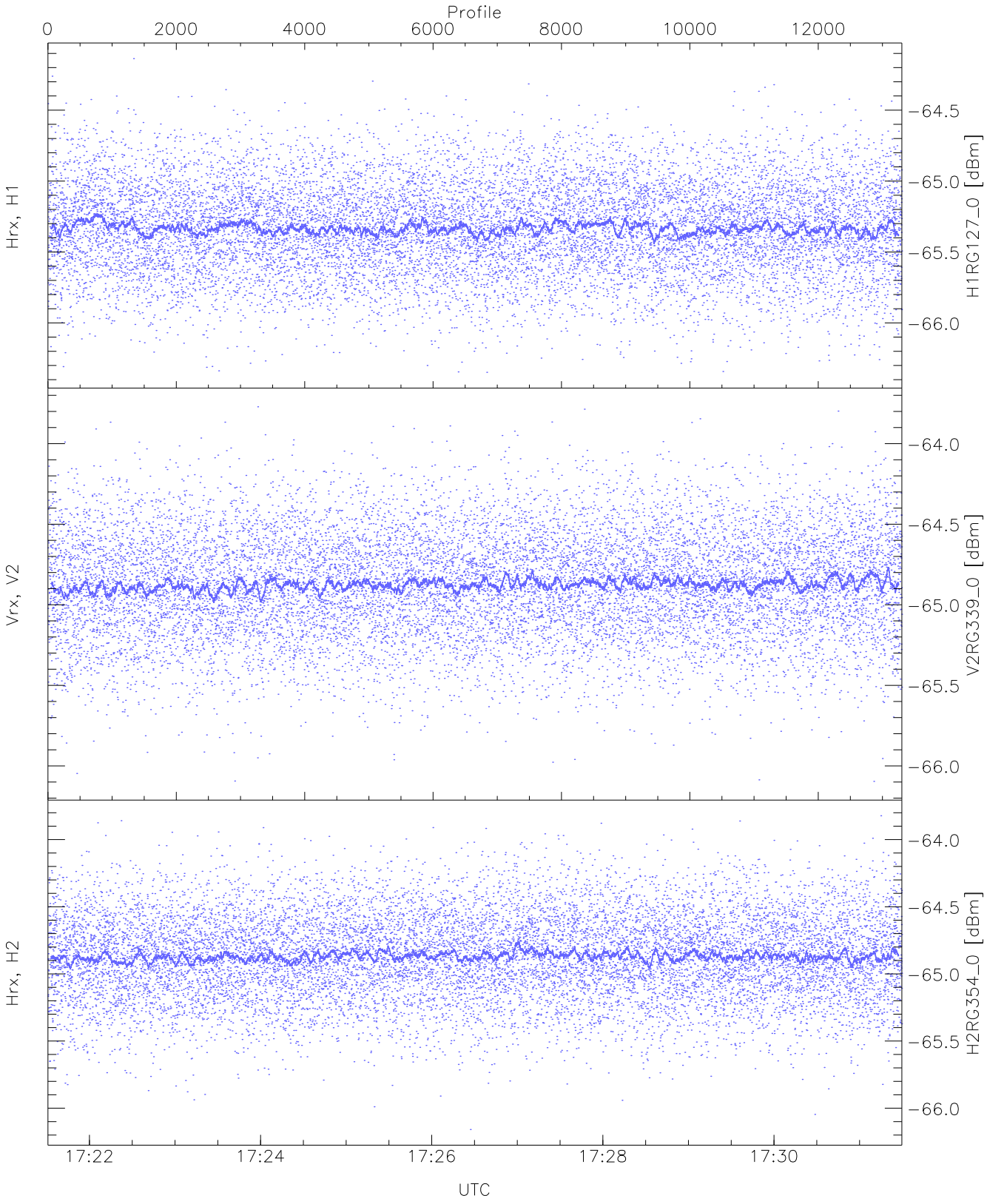
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.93	-63.54	-64.64	-64.65	-76.16
Vrx, V2(HL [dBm])	-65.88	-63.53	-64.62	-64.63	-76.11
Hrx, H2(HL [dBm])	-65.78	-63.58	-64.64	-64.65	-76.14



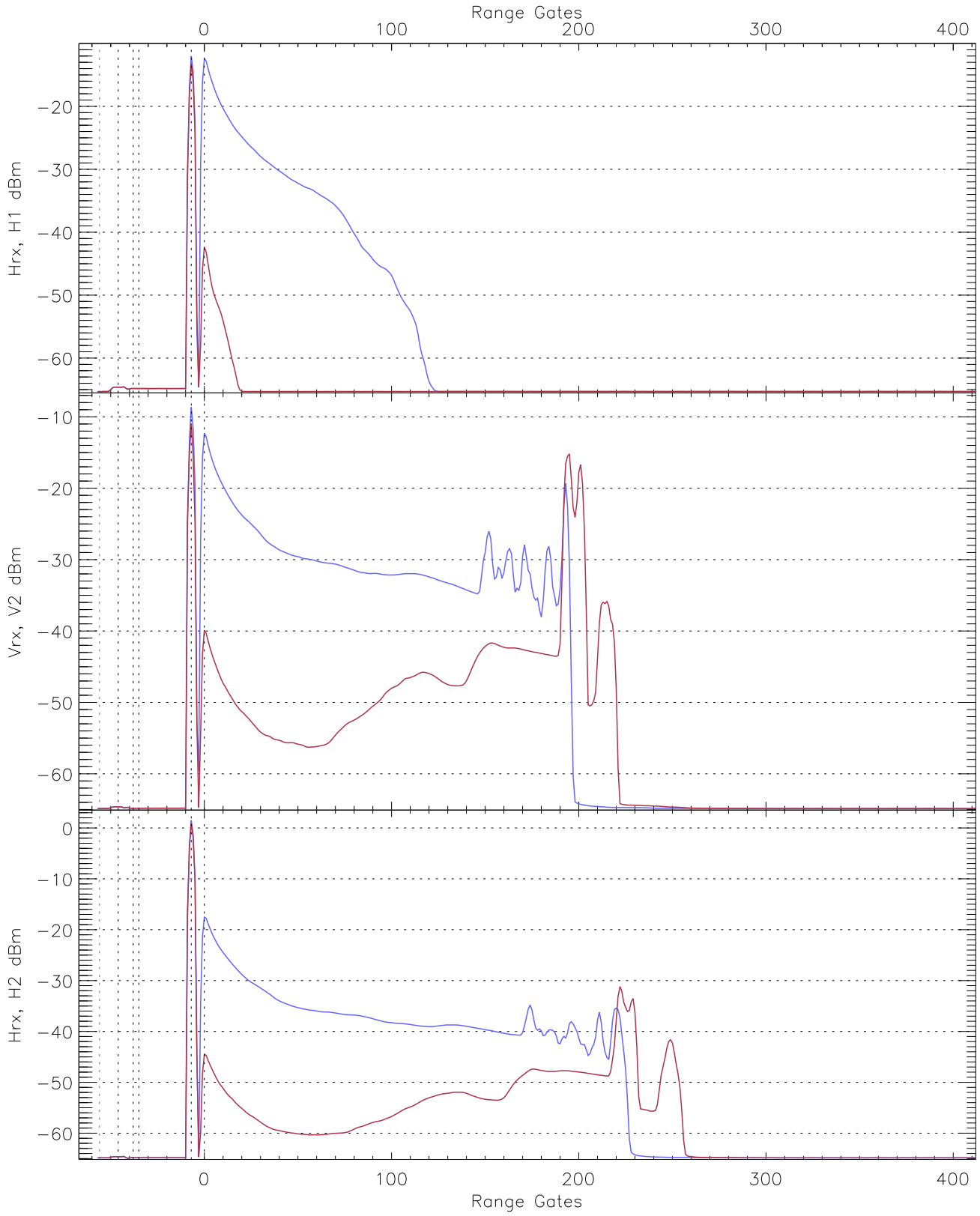
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.49	-64.24	-65.33	-65.33	-76.85
Vrx, V2(RM [dBm])	-66.30	-63.70	-64.85	-64.86	-76.36
Hrx, H2(RM [dBm])	-66.35	-63.78	-64.85	-64.86	-76.36

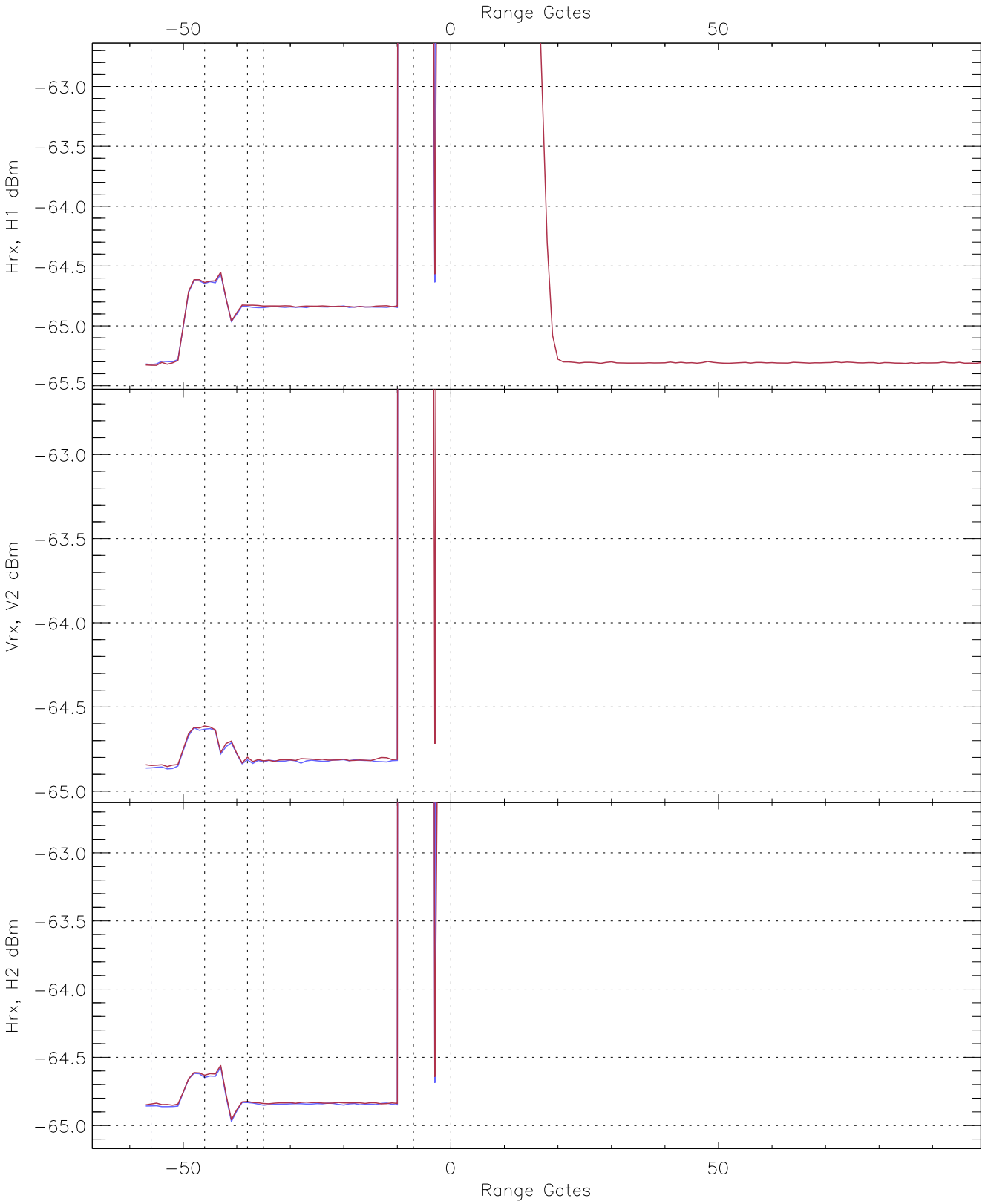


WCR3 CPP "Best" estimate Receivers Noise Power

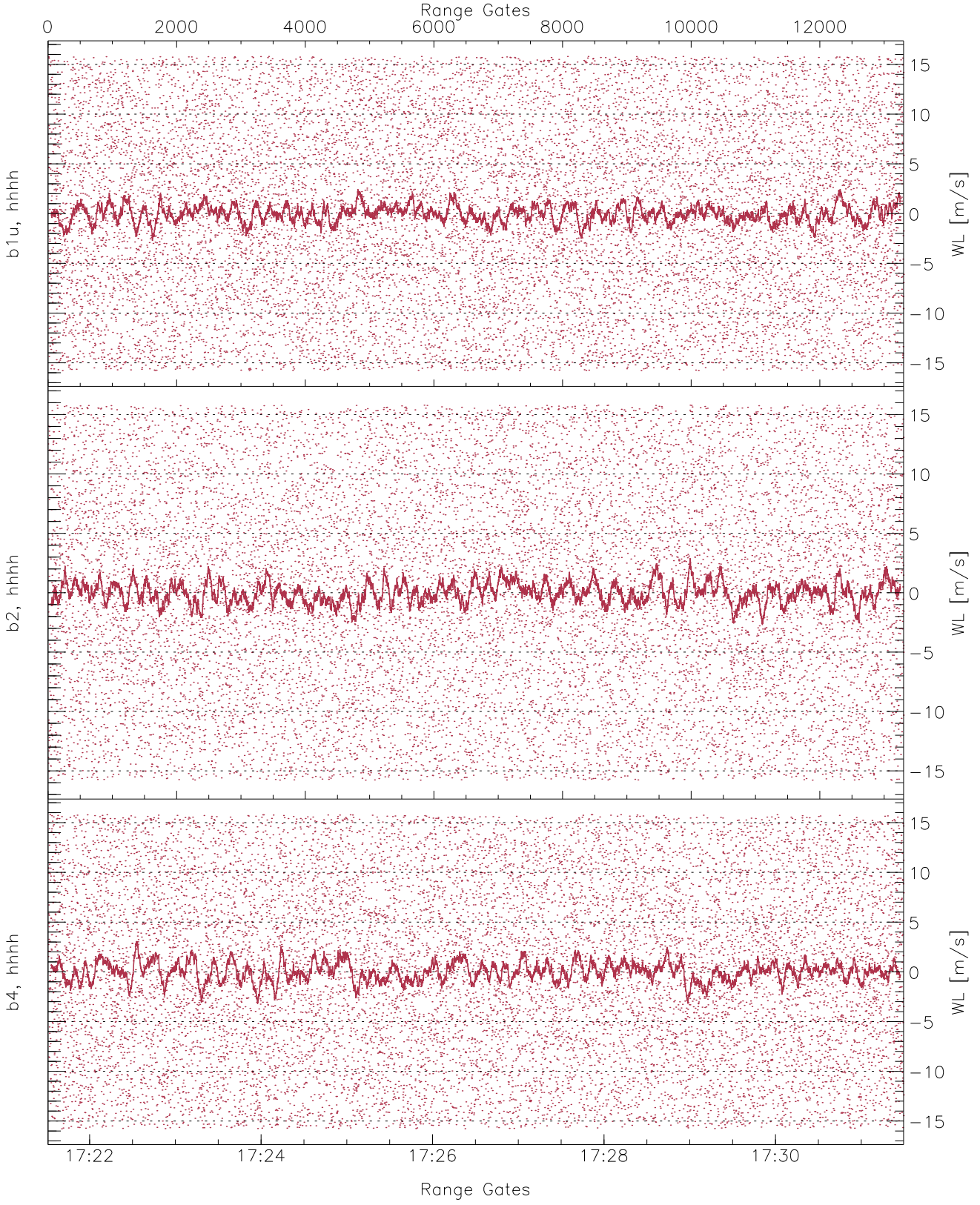
	Min	Max	Mean	Median	StDev
H1RG127_0 [dBm]	-66.35	-64.14	-65.33	-65.33	-76.84
V2RG339_0 [dBm]	-66.10	-63.77	-64.87	-64.88	-76.33
H2RG354_0 [dBm]	-66.16	-63.82	-64.86	-64.87	-76.42



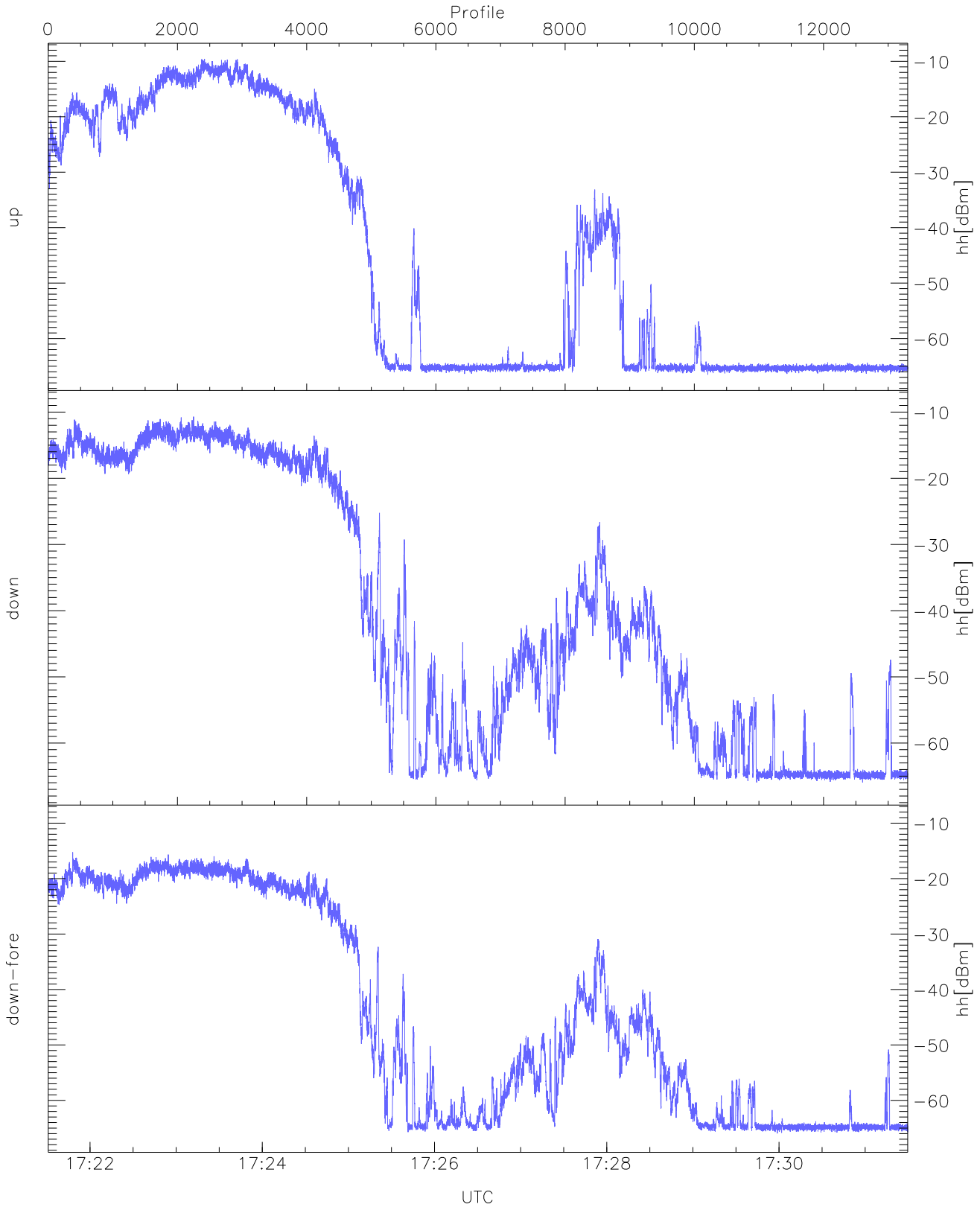
WCR3 CPP Averaged Received power for all recorded gates
blue: 172131-172630, 6653 profiles averaged
red: 172630-173130, 6652 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 172131-172630, 6653 profiles averaged
red: 172630-173130, 6652 profiles averaged

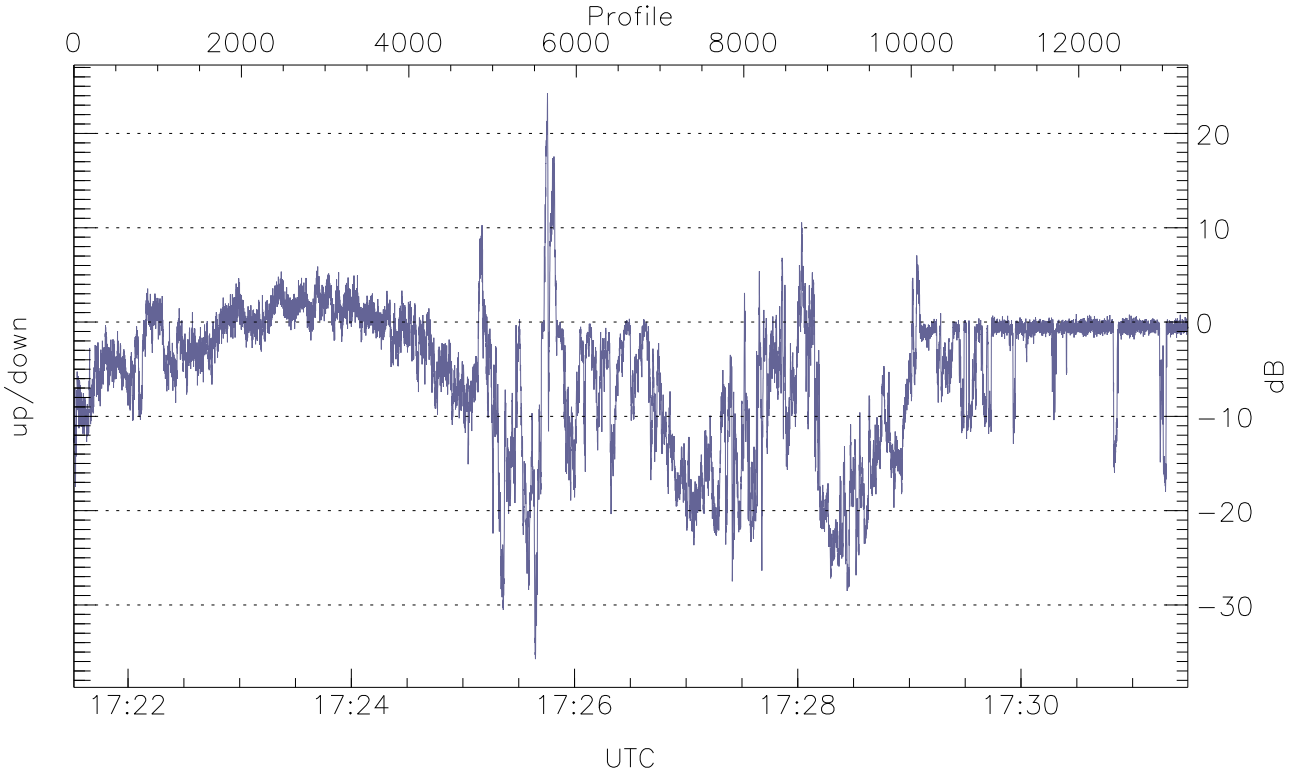


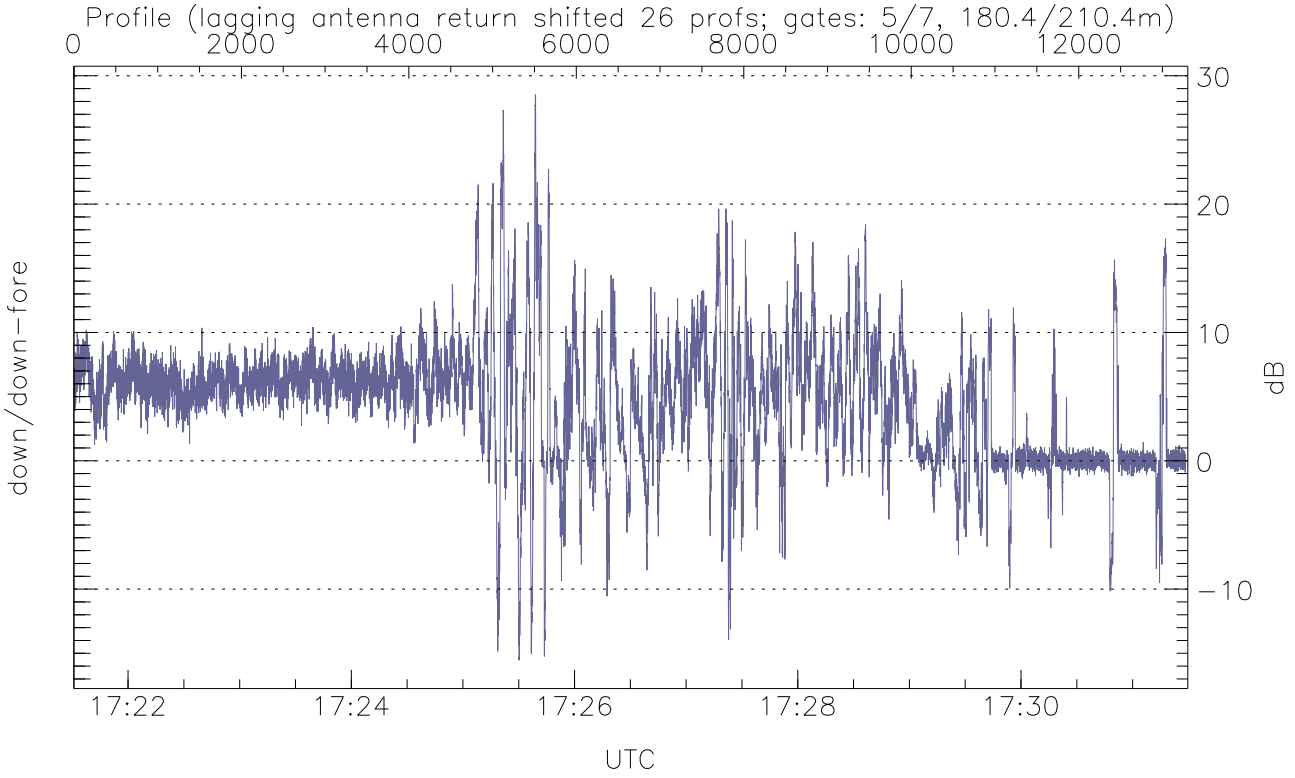
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

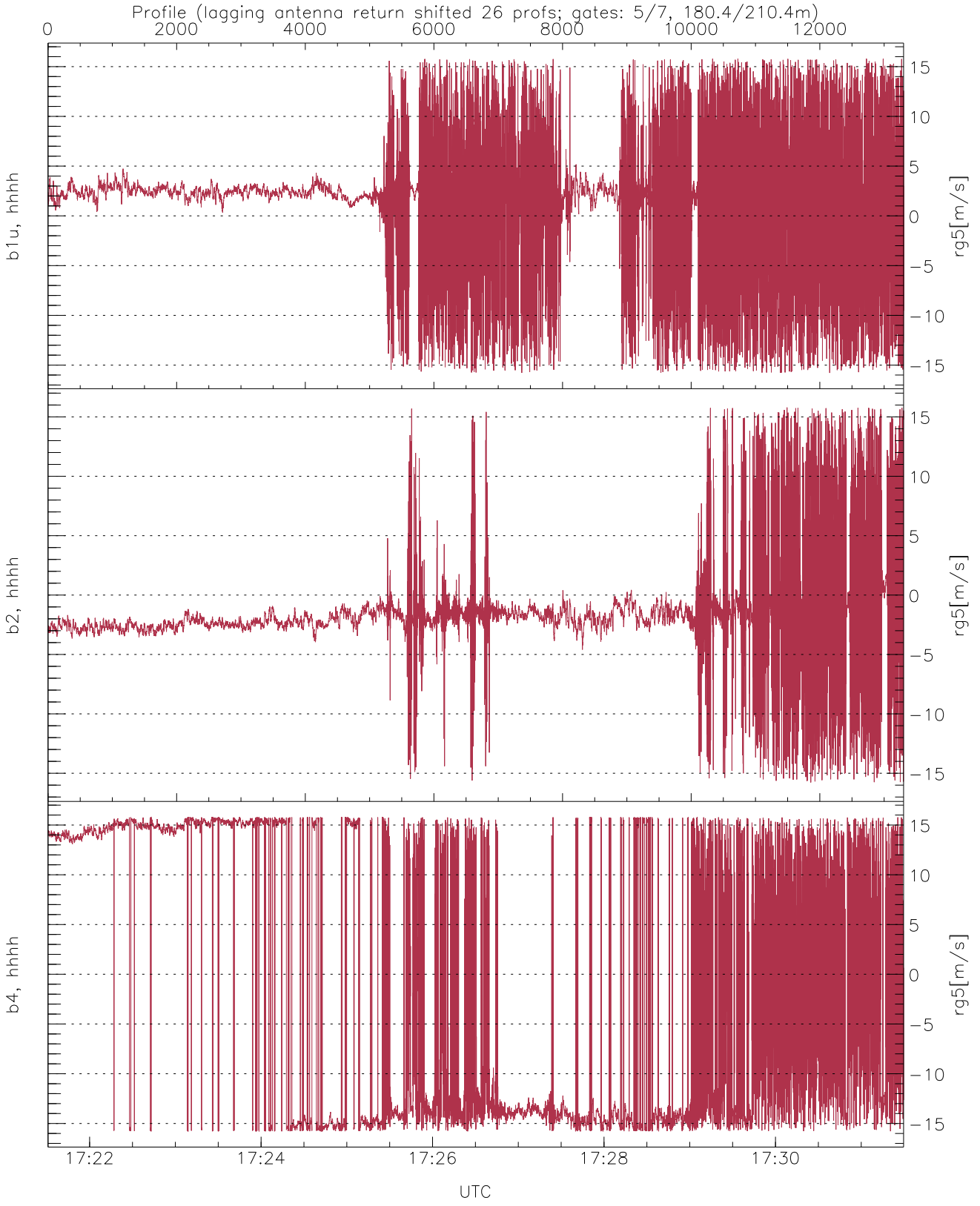
	Min	Max	Mean
up(hh[dBm])	-66.52	-9.58	-19.88
down(hh[dBm])	-65.95	-10.69	-19.66
down-fore(hh[dBm])	-65.96	-15.25	-24.42





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

	Min	Max	Mean
up/down(dB)	-35.74	24.26	-5.25
down/down-fore(dB)	-15.54	28.54	4.49



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.28	6.00
b2, hhhh(rg5[m/s])	-15.77	15.79	-1.60	3.78
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.37	13.39