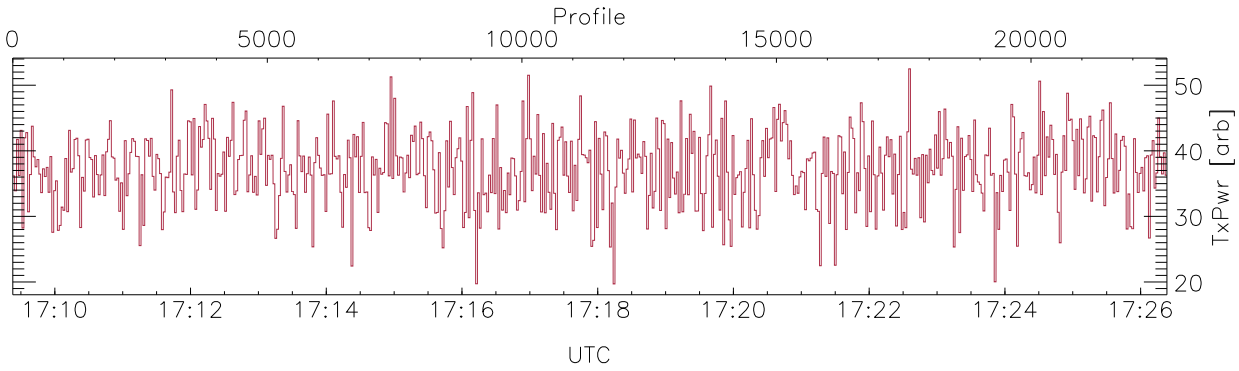
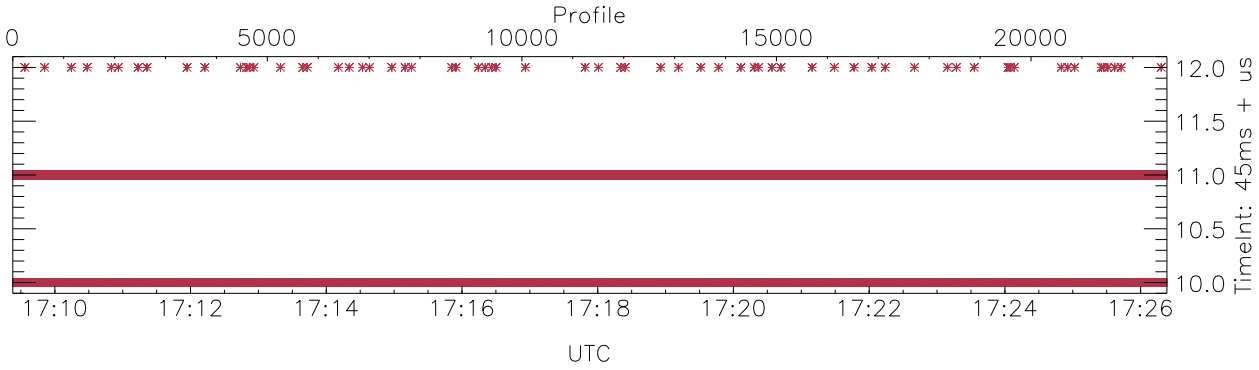
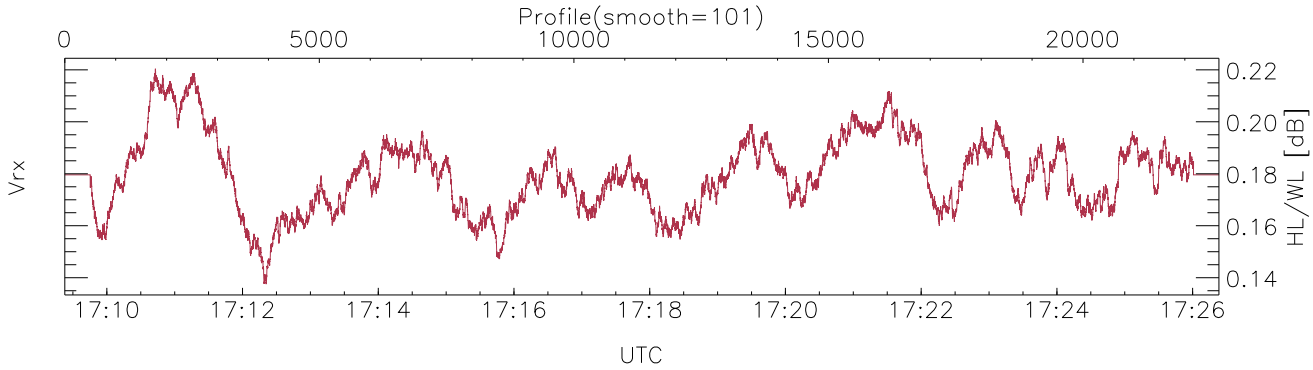
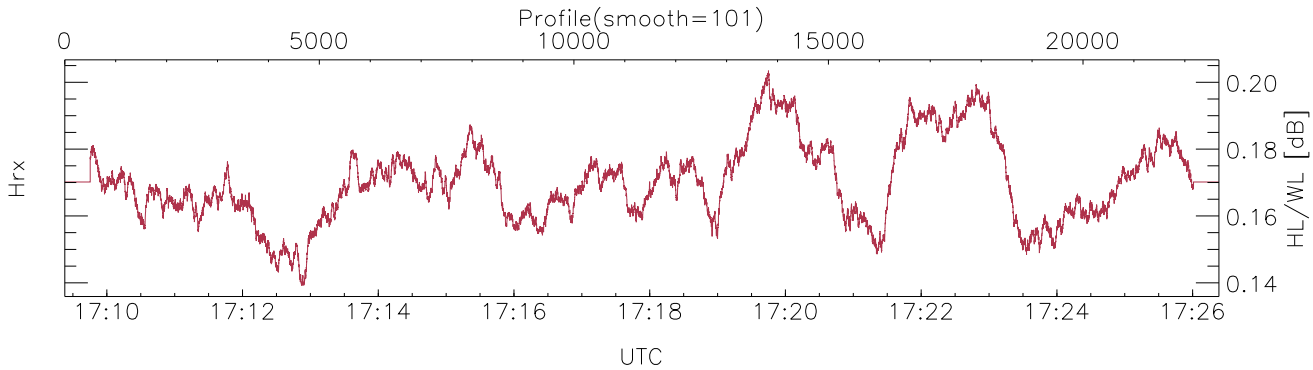


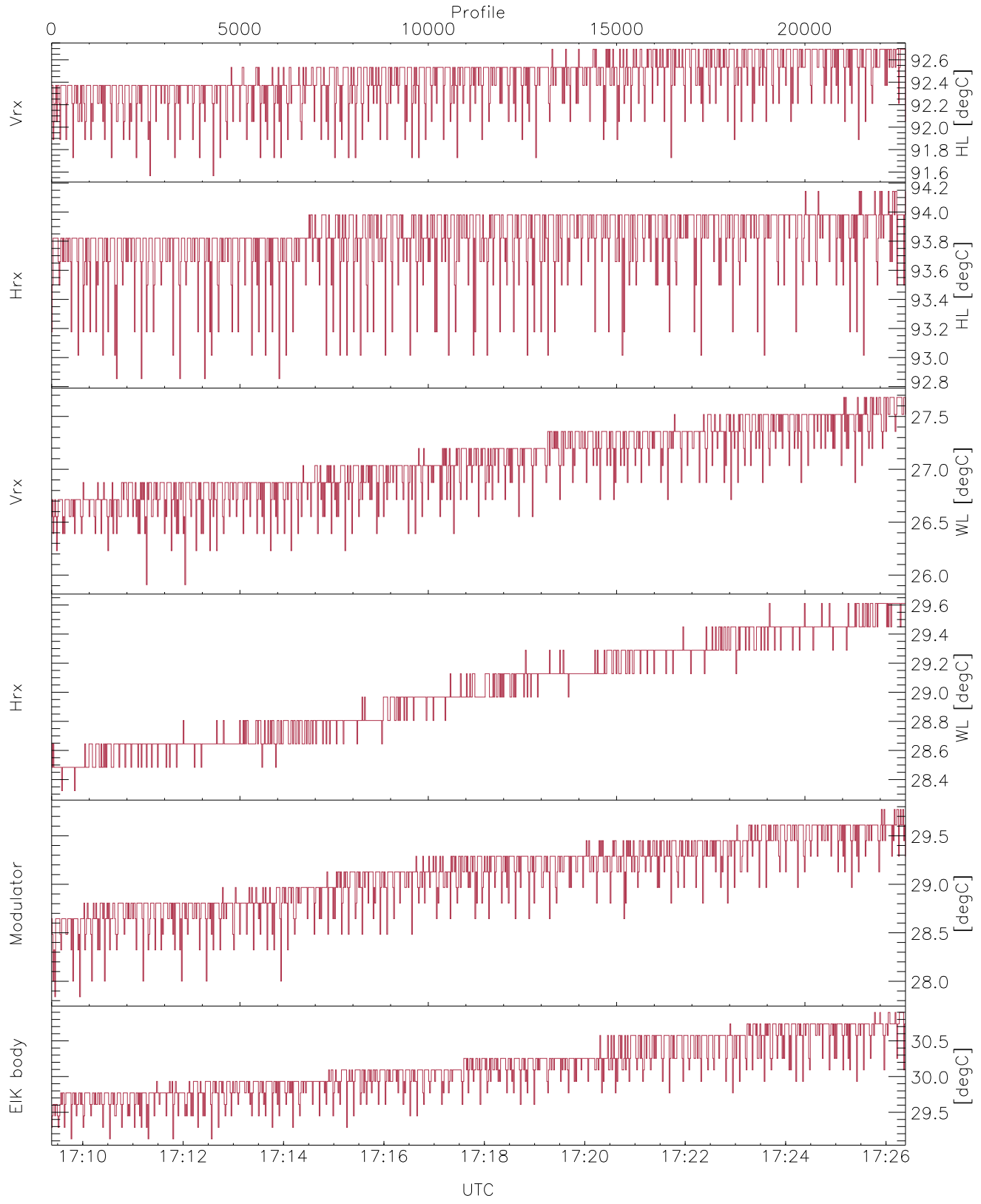






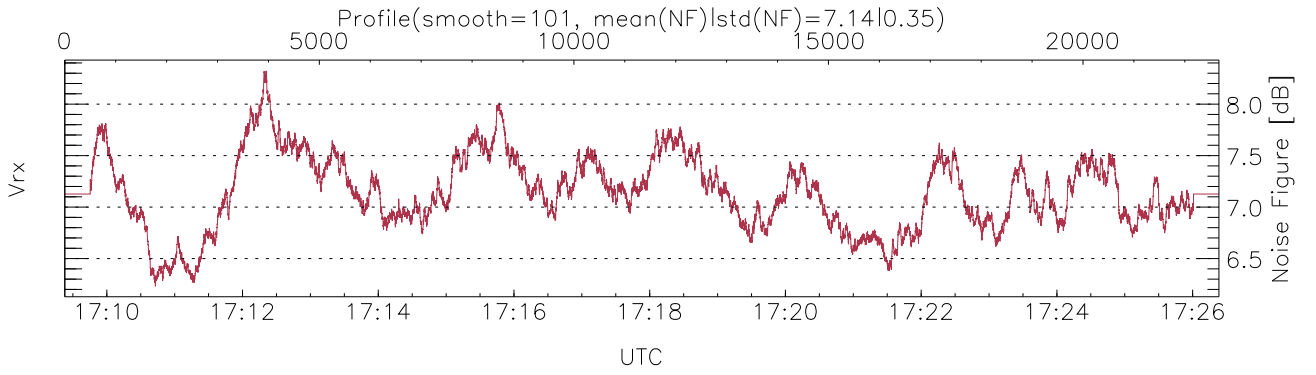
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

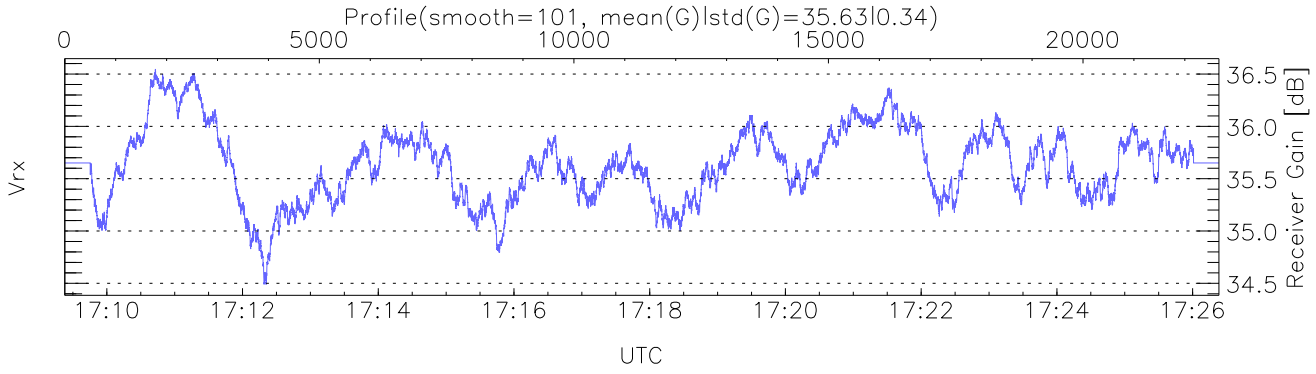
UTC: 17:09:23-17:26:23, TimeCor: 0.00s, Dur: 1020.45s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 22672/22672, 0-22671/17:09:23-17:26:23
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

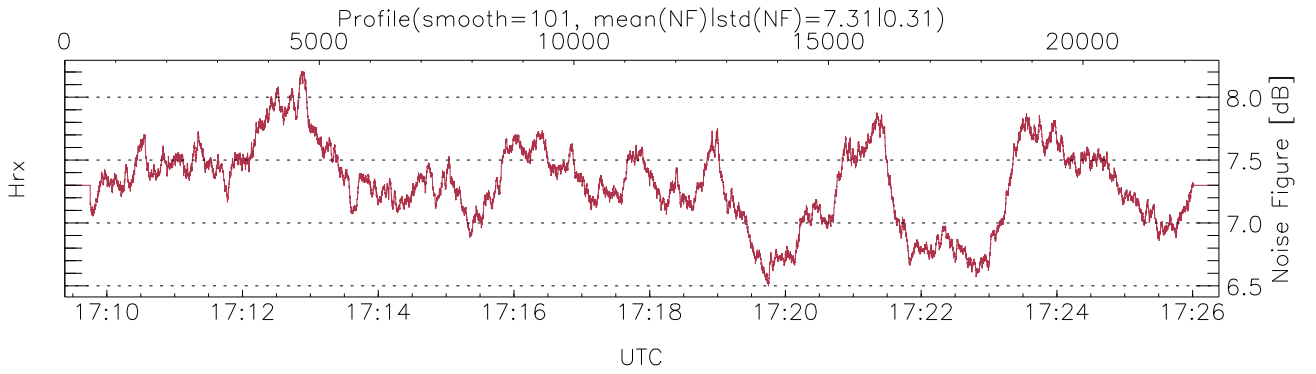


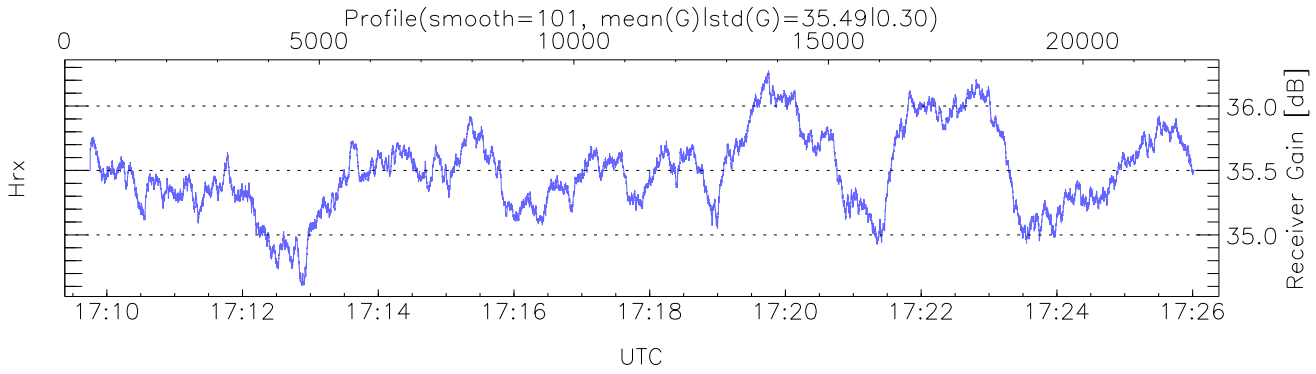
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,28,27,29
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,27,29,29,30
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK Faults(# prof affected):
DeckF (24)



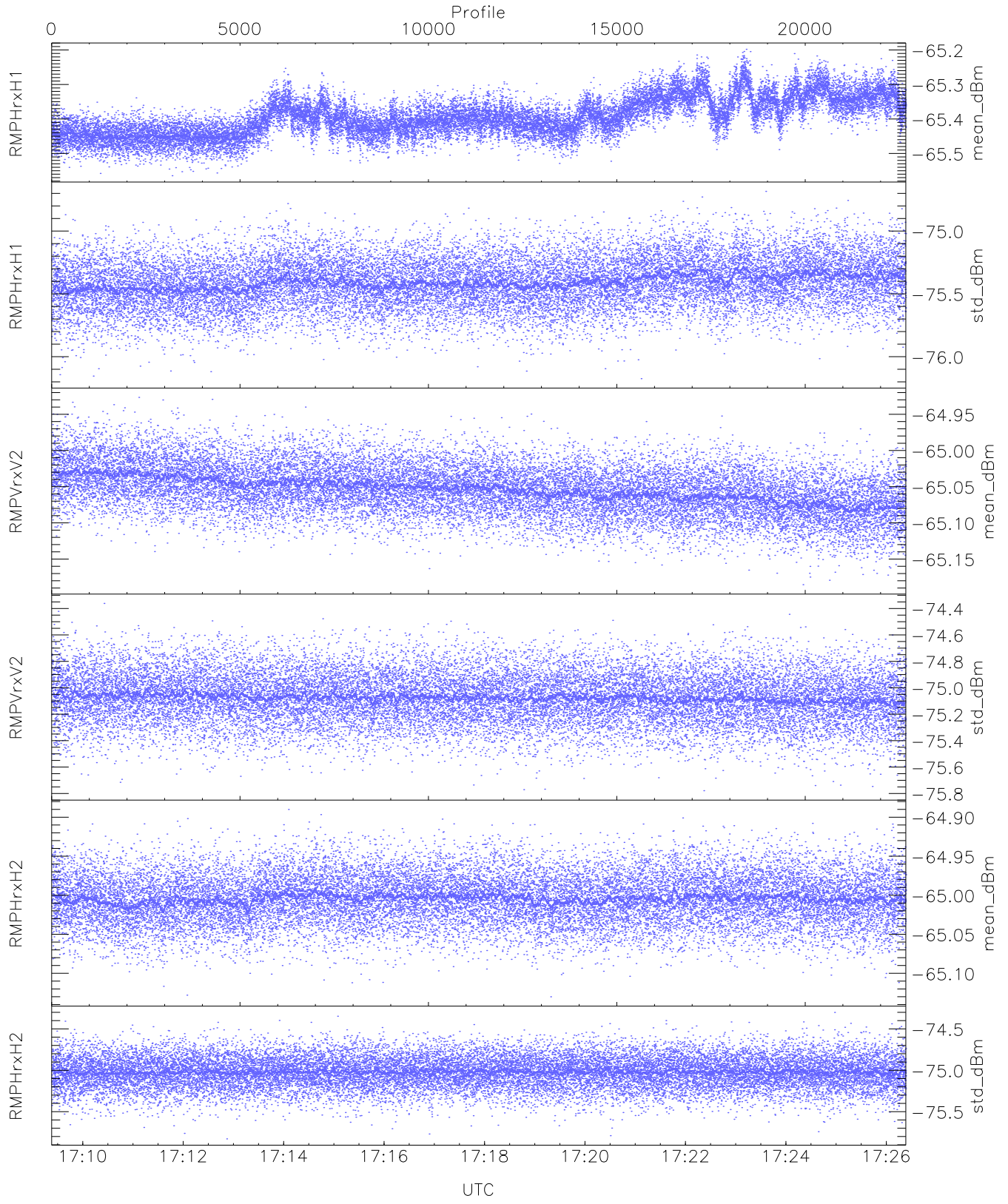






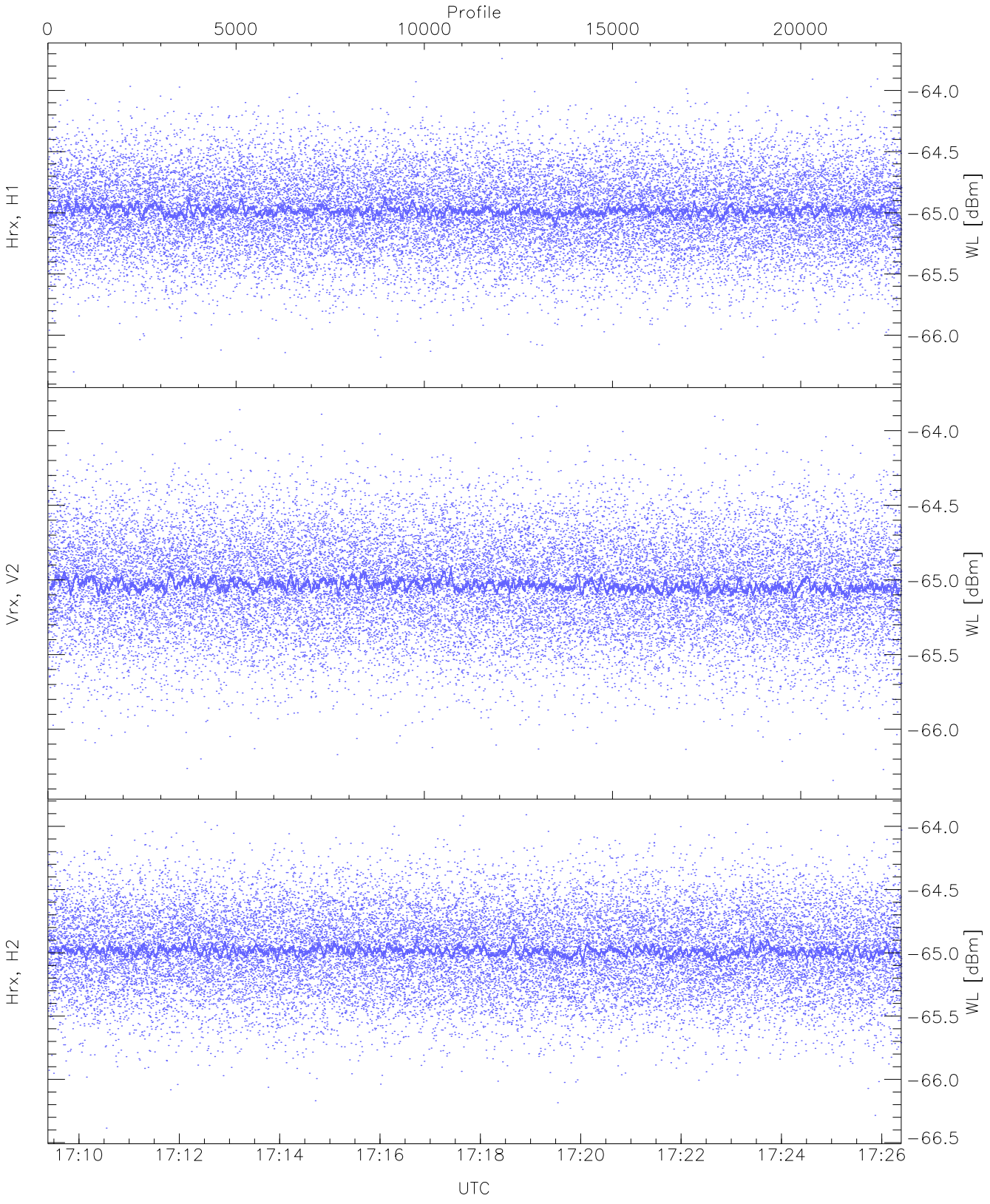
WCR3 CPP Receivers Gain and Noise Figure

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



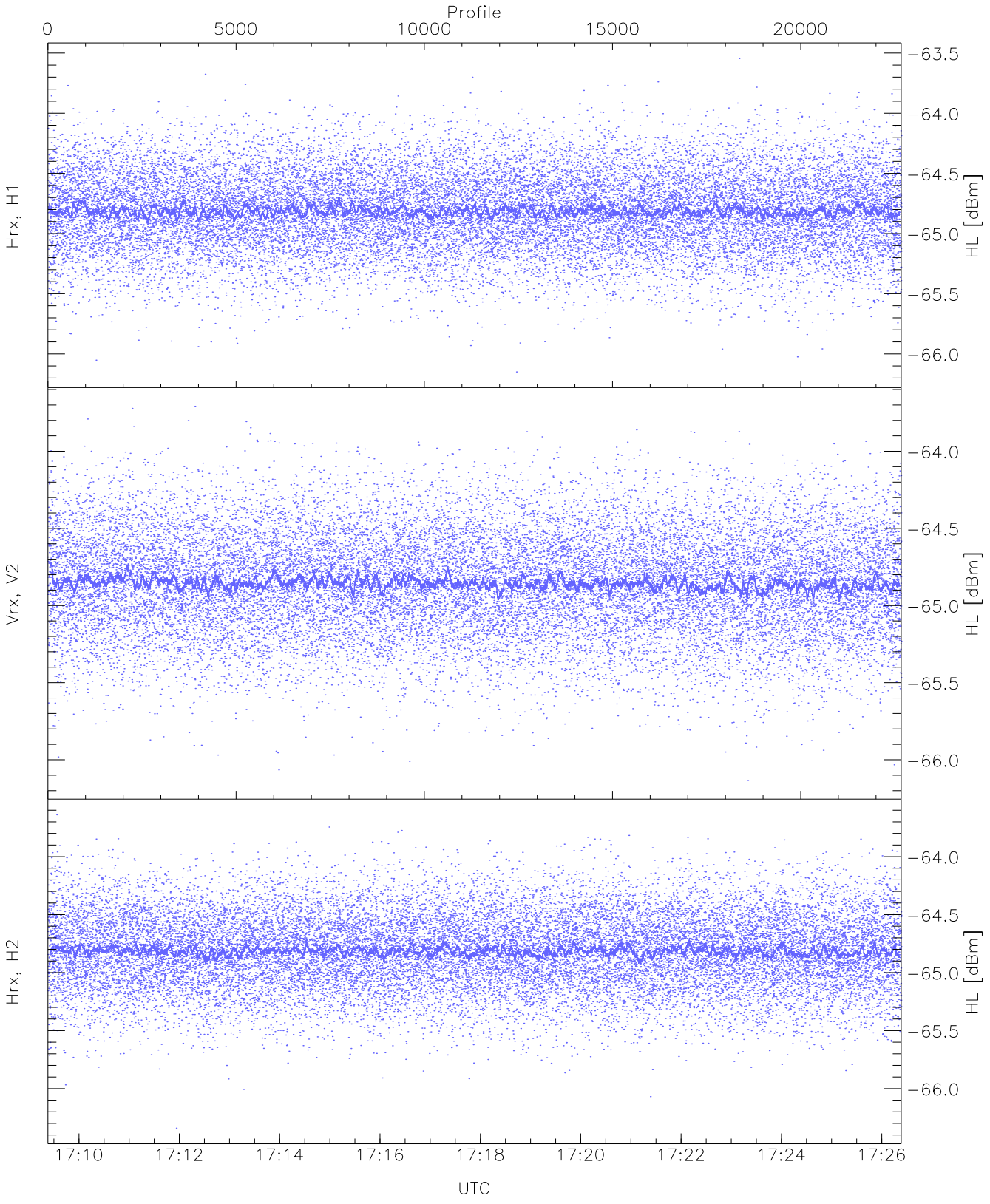
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.56	-65.20	-65.39	-65.40	-84.31
RMPHrxH1(std_dBm)	-76.17	-74.68	-75.41	-75.41	-89.08
RMPVrxV2(mean_dBm)	-65.19	-64.93	-65.05	-65.05	-86.25
RMPVrxV2(std_dBm)	-75.78	-74.36	-75.07	-75.08	-88.90
RMPHrxH2(mean_dBm)	-65.13	-64.89	-65.00	-65.00	-86.60
RMPHrxH2(std_dBm)	-75.83	-74.30	-75.02	-75.02	-88.83



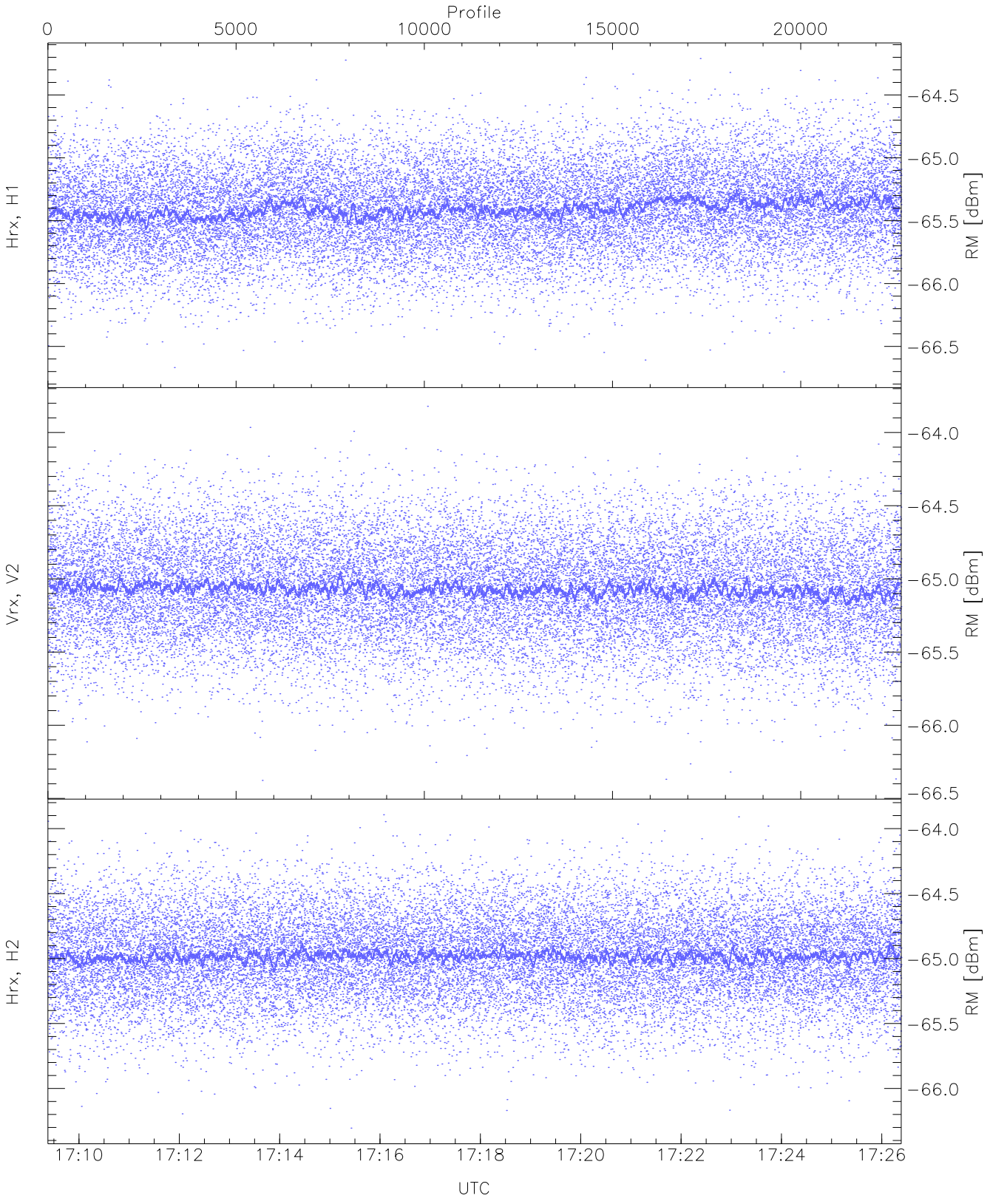
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.30	-63.74	-64.98	-64.98	-76.52
Vrx, V2(WL [dBm])	-66.34	-63.84	-65.03	-65.03	-76.53
Hrx, H2(WL [dBm])	-66.39	-63.91	-64.98	-64.99	-76.49



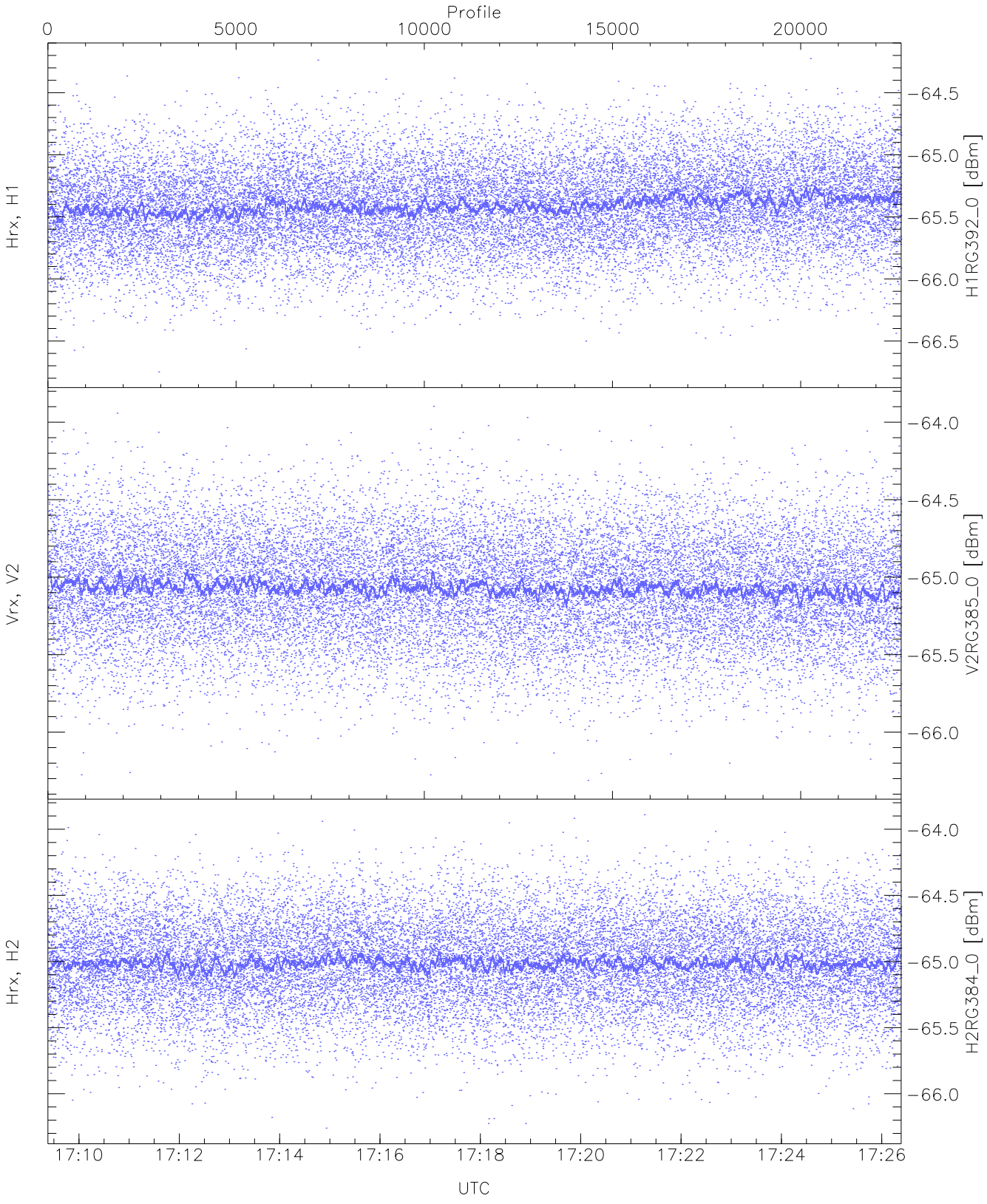
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.15	-63.55	-64.81	-64.81	-76.33
Vrx, V2(HL [dBm])	-66.13	-63.71	-64.85	-64.85	-76.32
Hrx, H2(HL [dBm])	-66.34	-63.64	-64.81	-64.81	-76.31



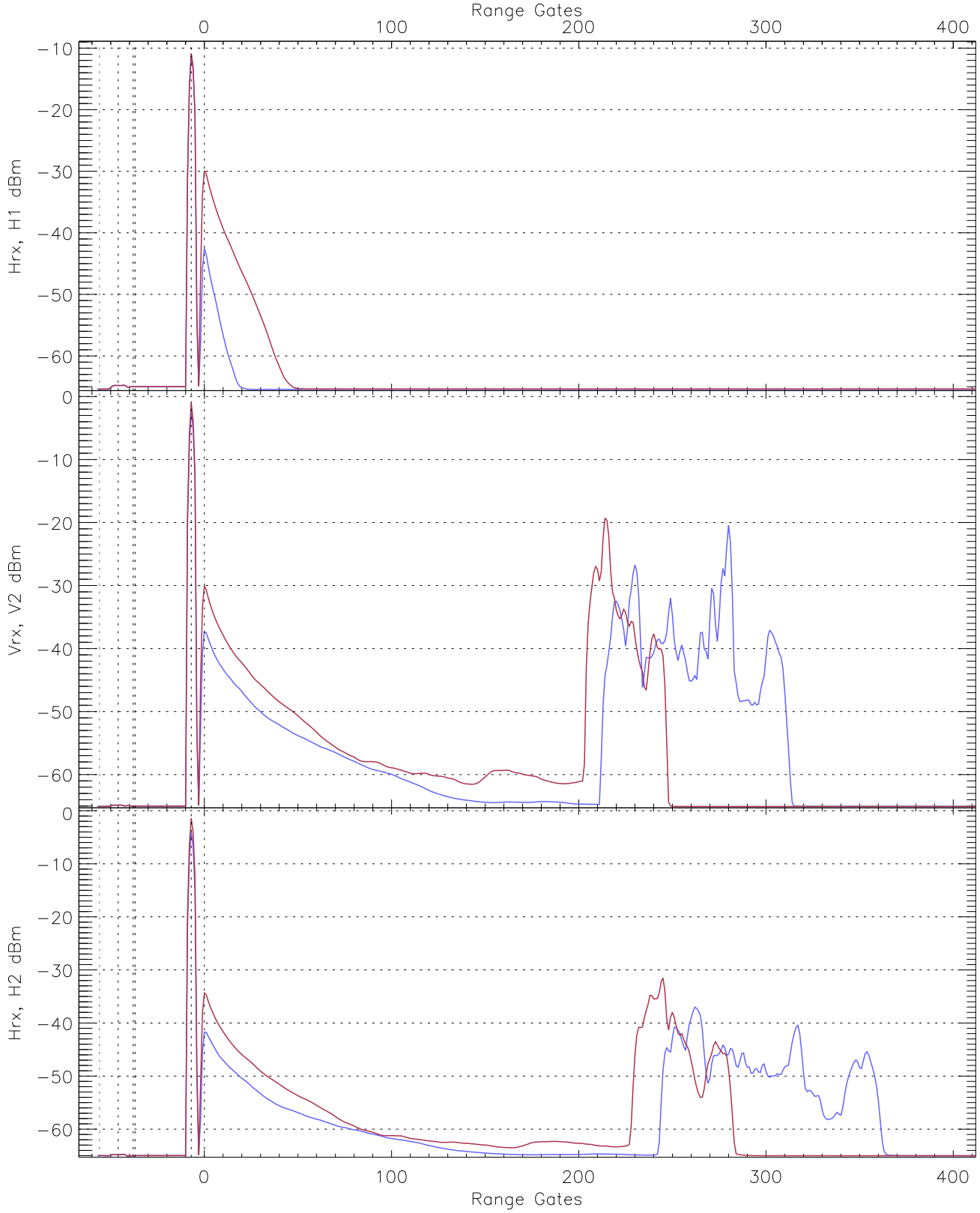
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.70	-64.21	-65.40	-65.41	-76.86
Vrx, V2(RM [dBm])	-66.38	-63.82	-65.06	-65.07	-76.55
Hrx, H2(RM [dBm])	-66.30	-63.89	-64.98	-64.98	-76.53

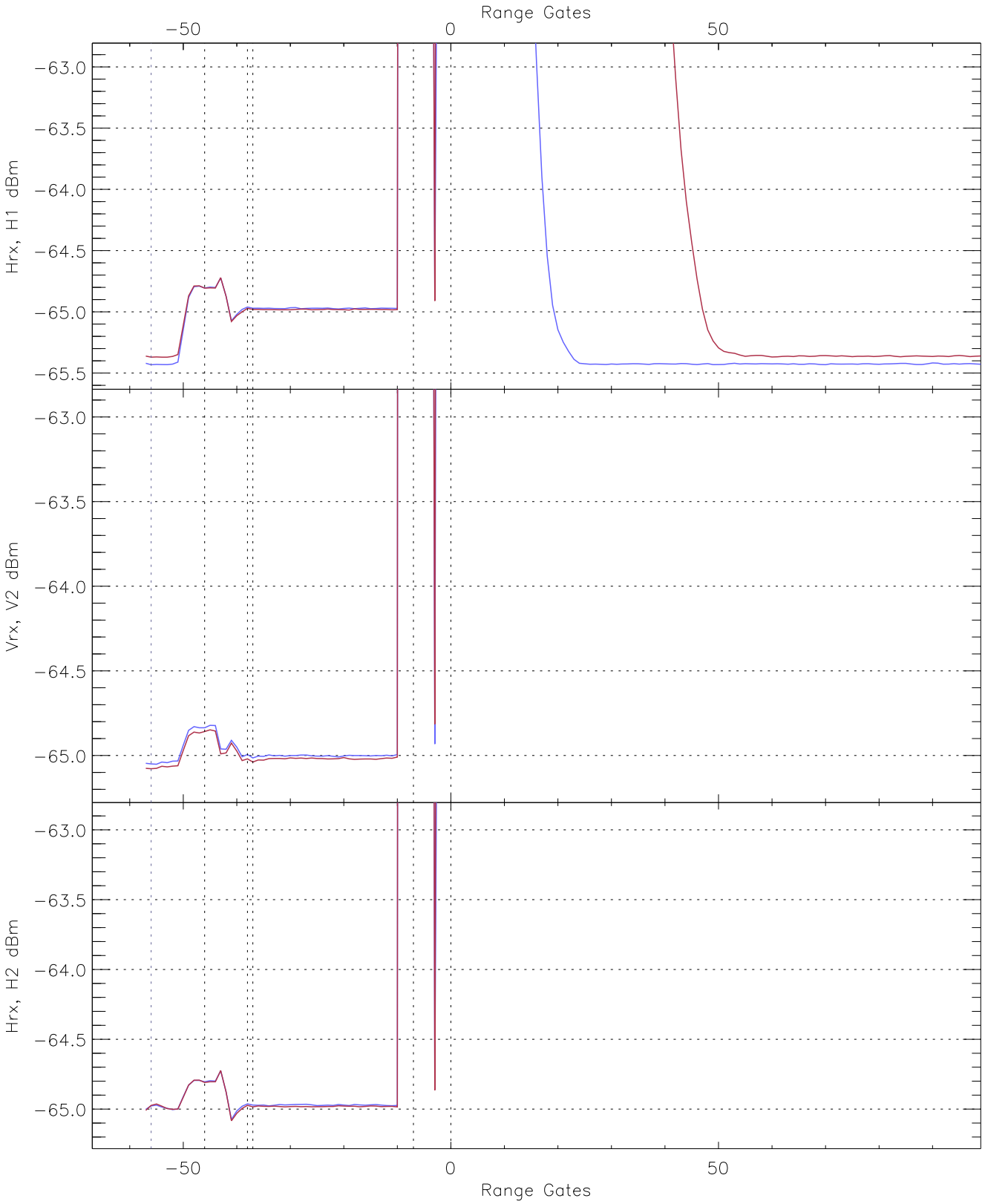


WCR3 CPP "Best" estimate Receivers Noise Power

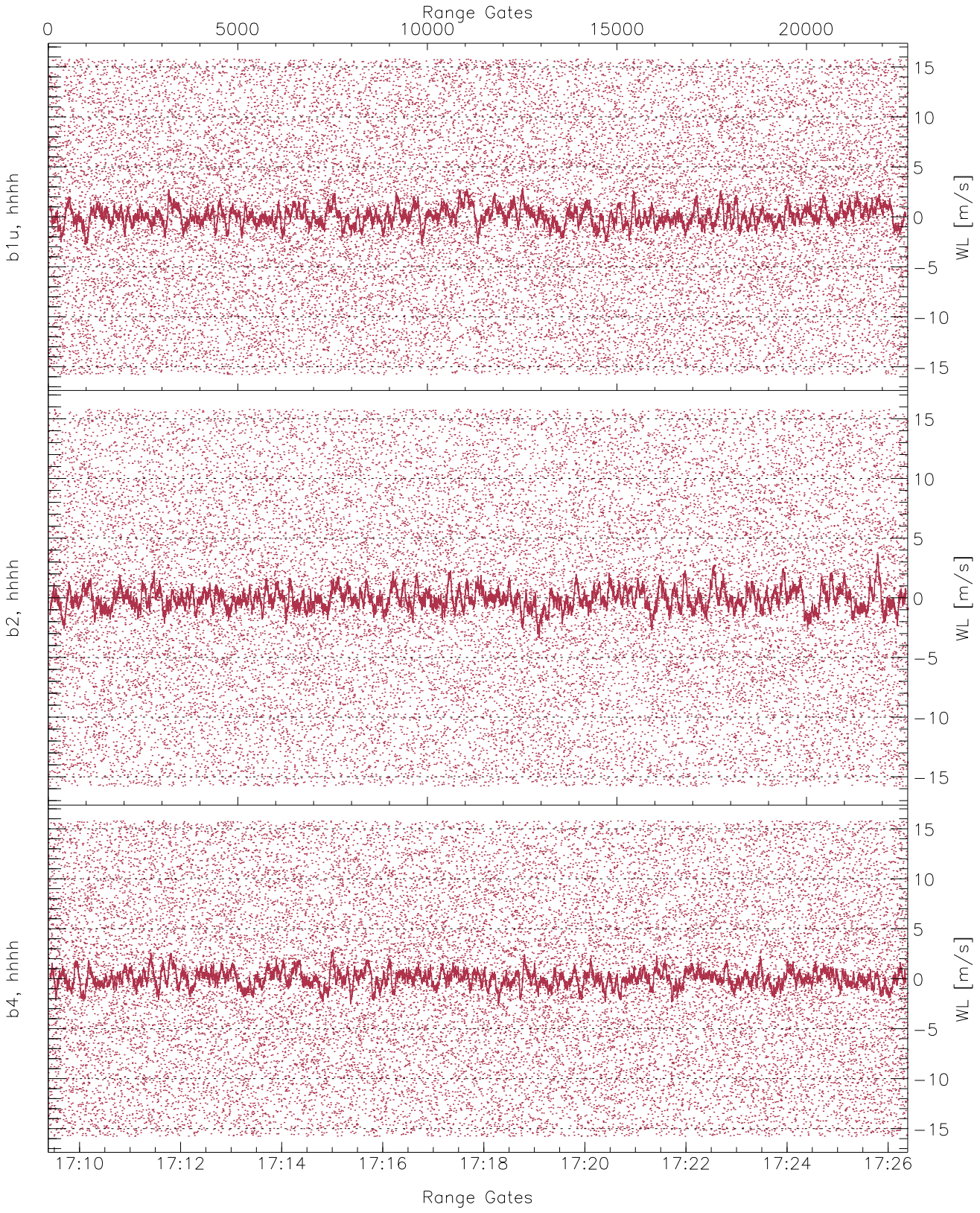
	Min	Max	Mean	Median	StDev
H1RG392_0 [dBm]	-66.75	-64.23	-65.40	-65.41	-76.81
V2RG385_0 [dBm]	-66.31	-63.90	-65.06	-65.07	-76.56
H2RG384_0 [dBm]	-66.26	-63.89	-65.01	-65.01	-76.52



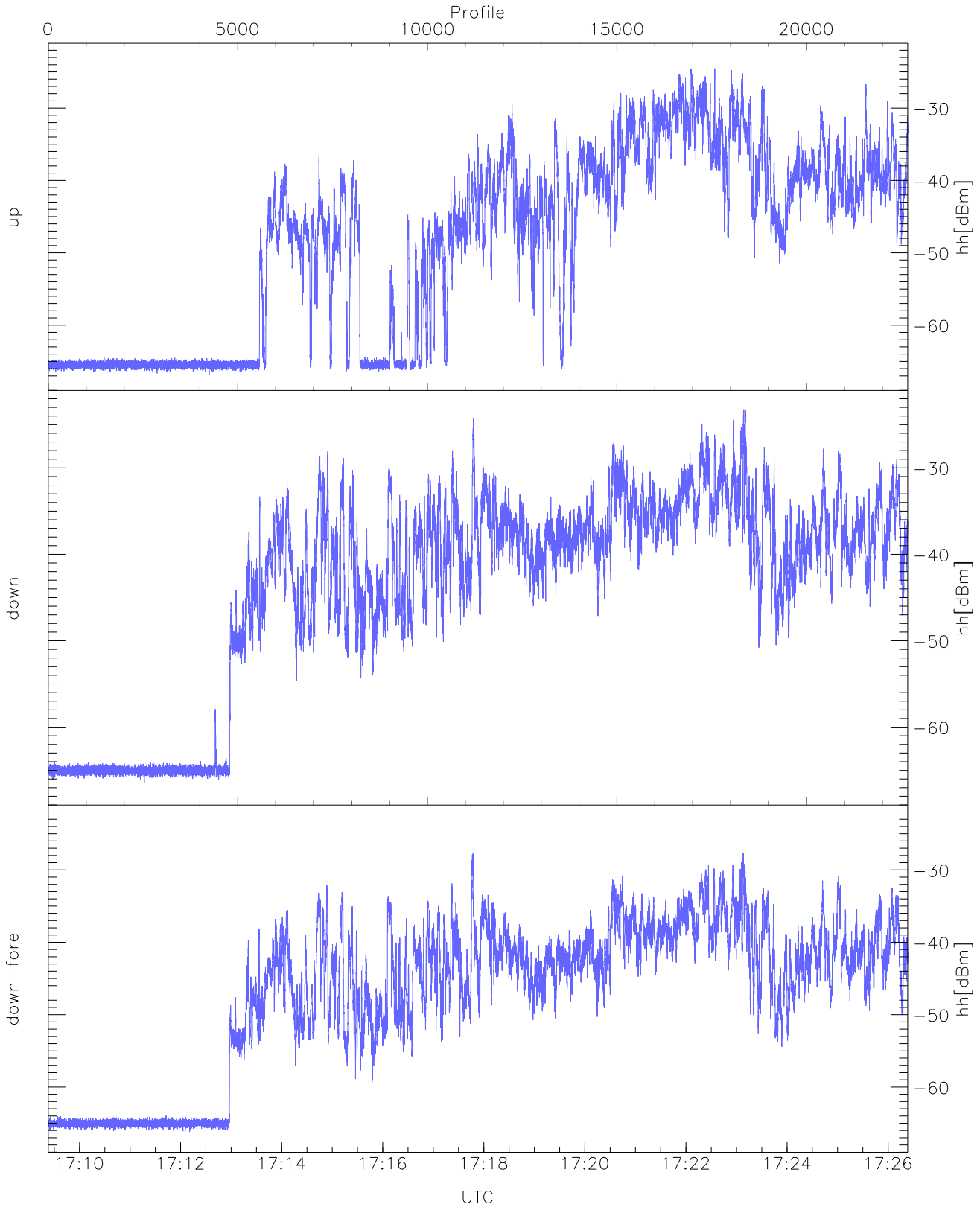
WCR3 CPP Averaged Received power for all recorded gates
blue: 170923-171753, 11337 profiles averaged
red: 171753-172623, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 170923-171753, 11337 profiles averaged
red: 171753-172623, 11336 profiles averaged

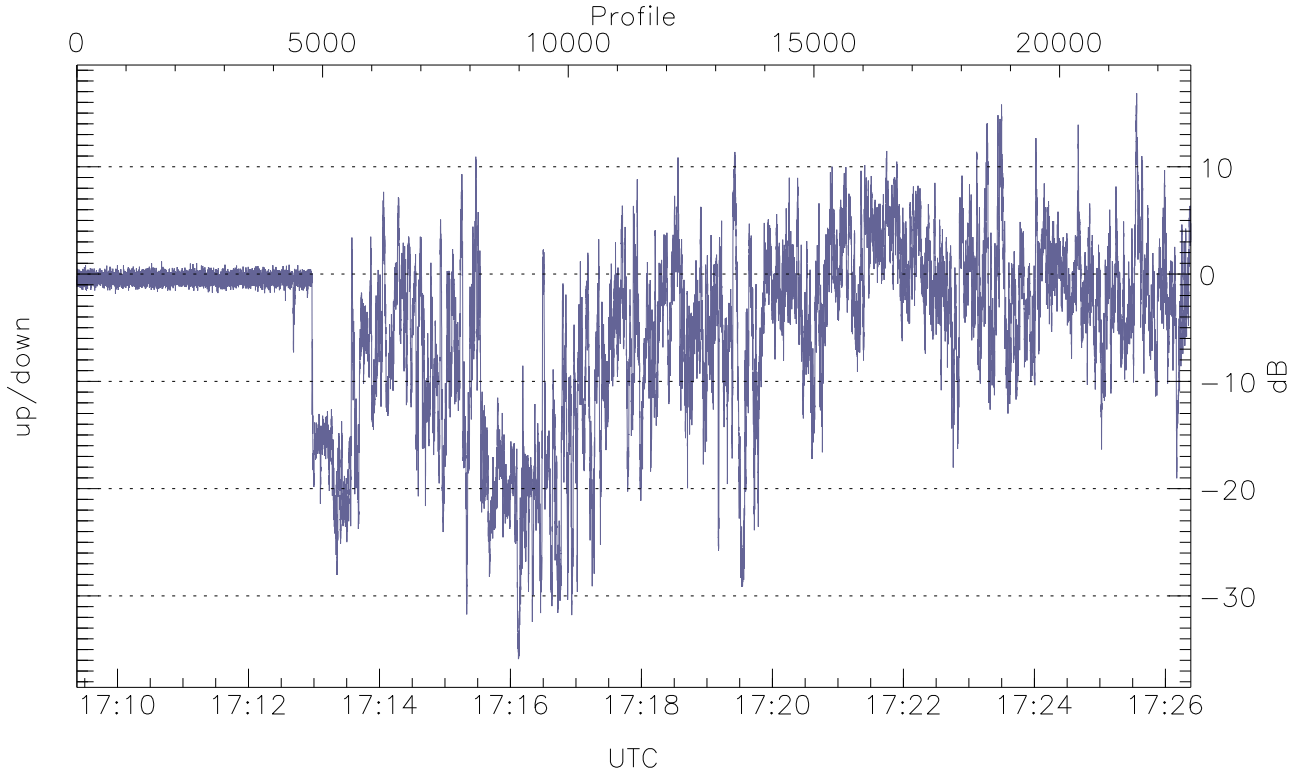


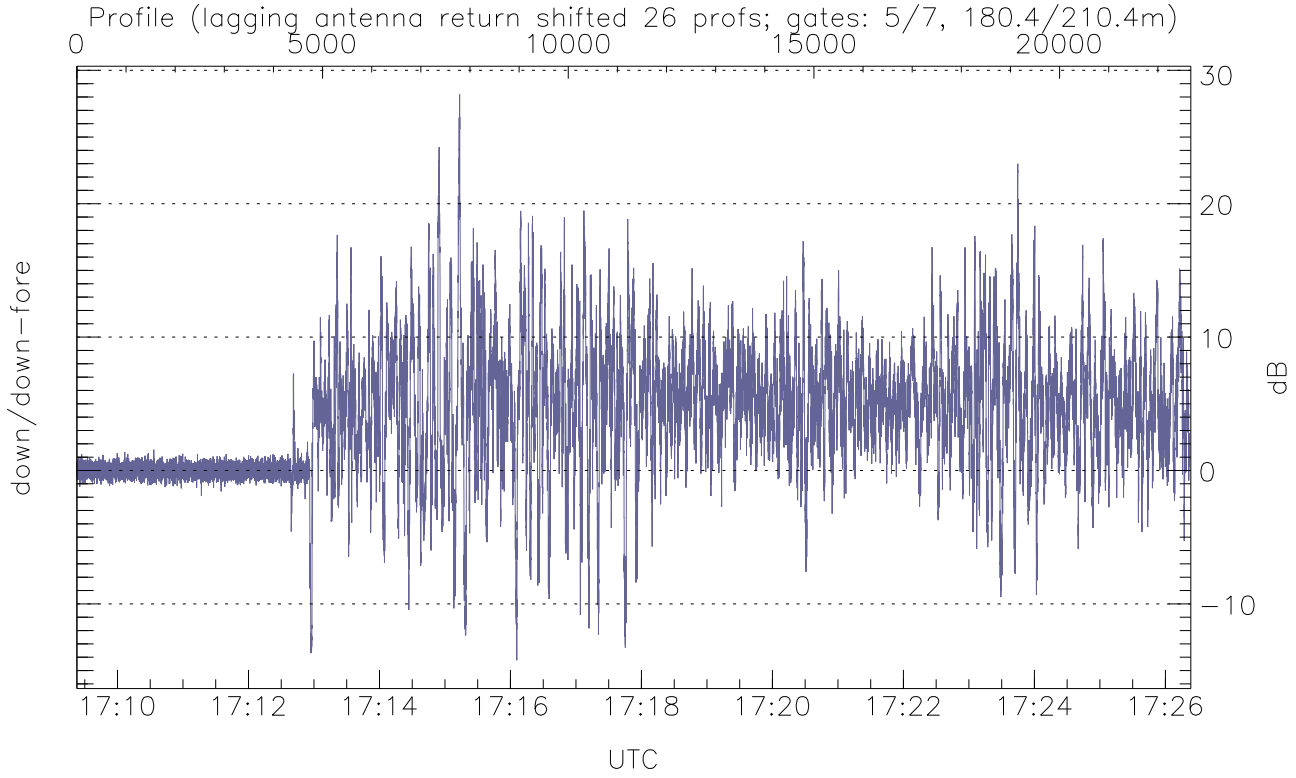
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

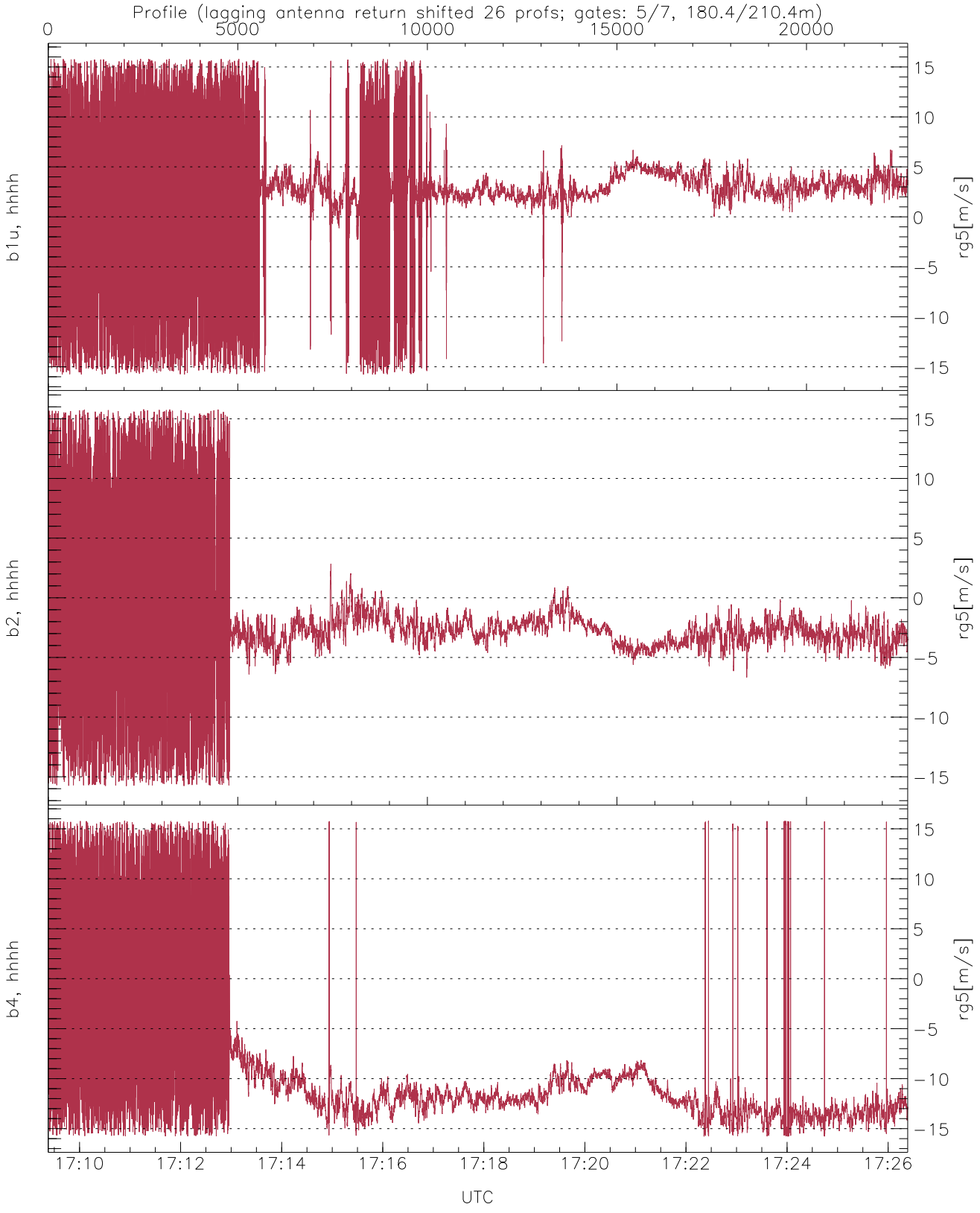
	Min	Max	Mean
up(hh[dBm])	-66.83	-24.52	-37.78
down(hh[dBm])	-66.41	-23.22	-36.67
down-fore(hh[dBm])	-66.20	-27.64	-40.46





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

	Min	Max	Mean
up/down(dB)	-35.89	16.85	-4.67
down/down-fore(dB)	-14.23	28.19	4.03



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	2.06	5.17
b2, hhhh(rg5[m/s])	-15.77	15.79	-2.20	4.09
b4, hhhh(rg5[m/s])	-15.79	15.79	-9.31	6.65