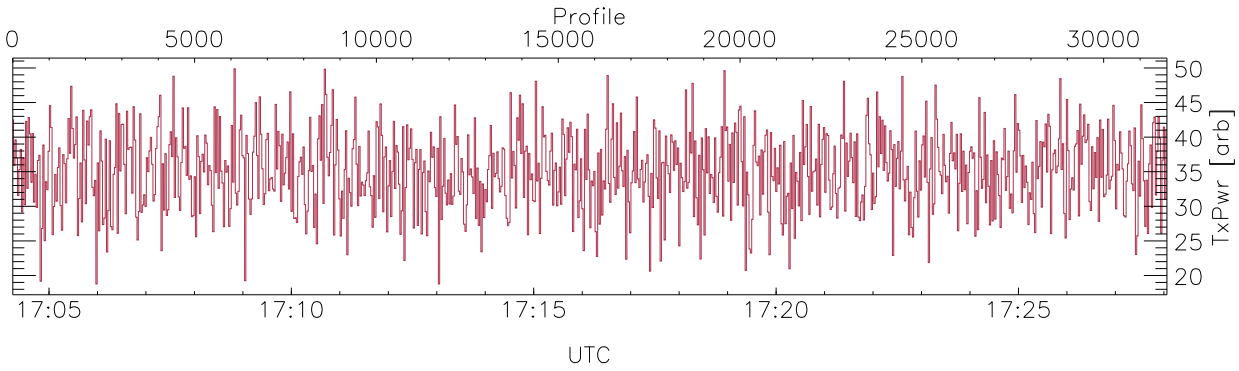
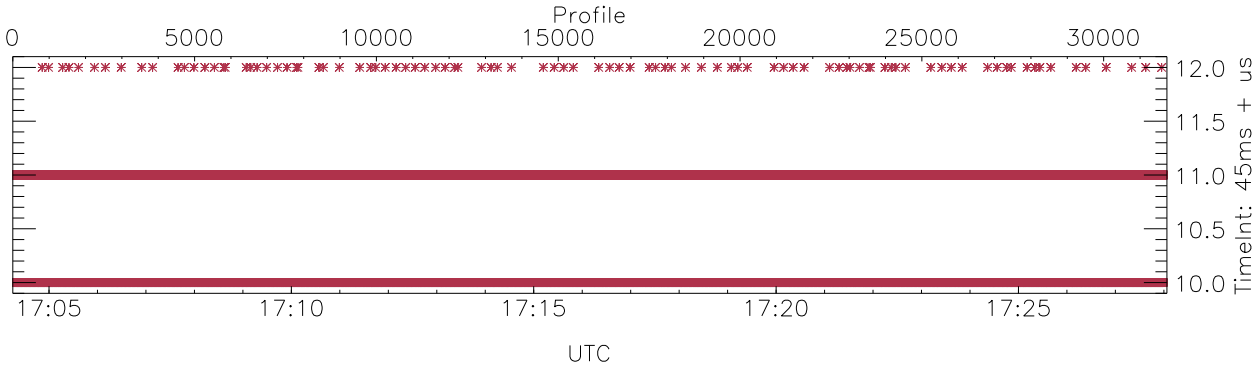
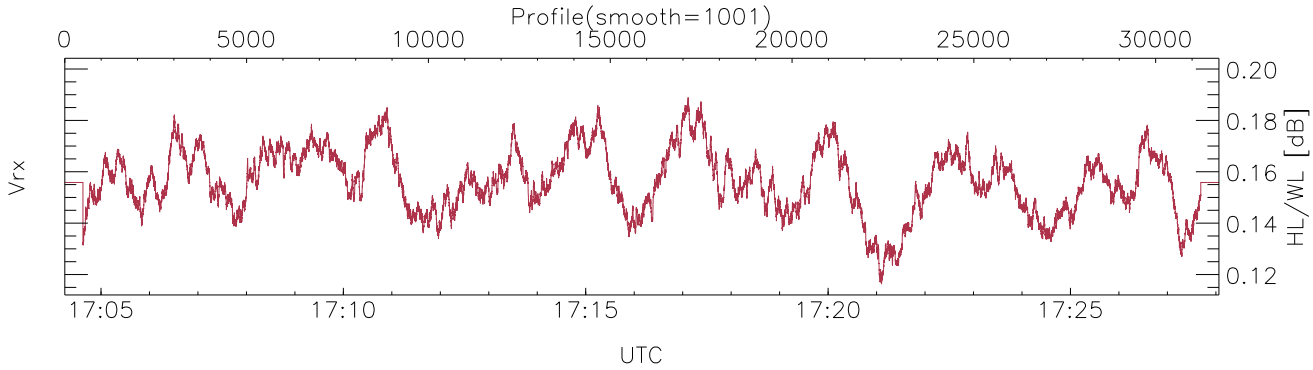
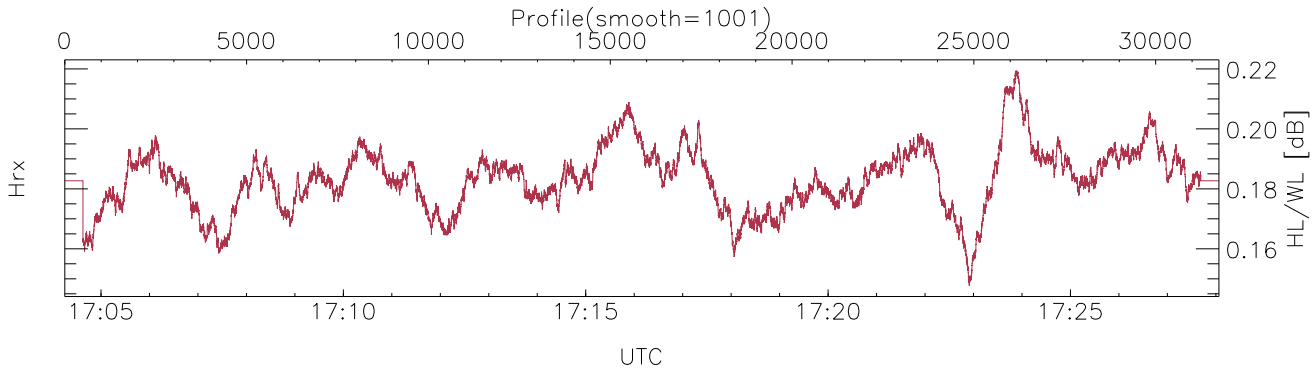


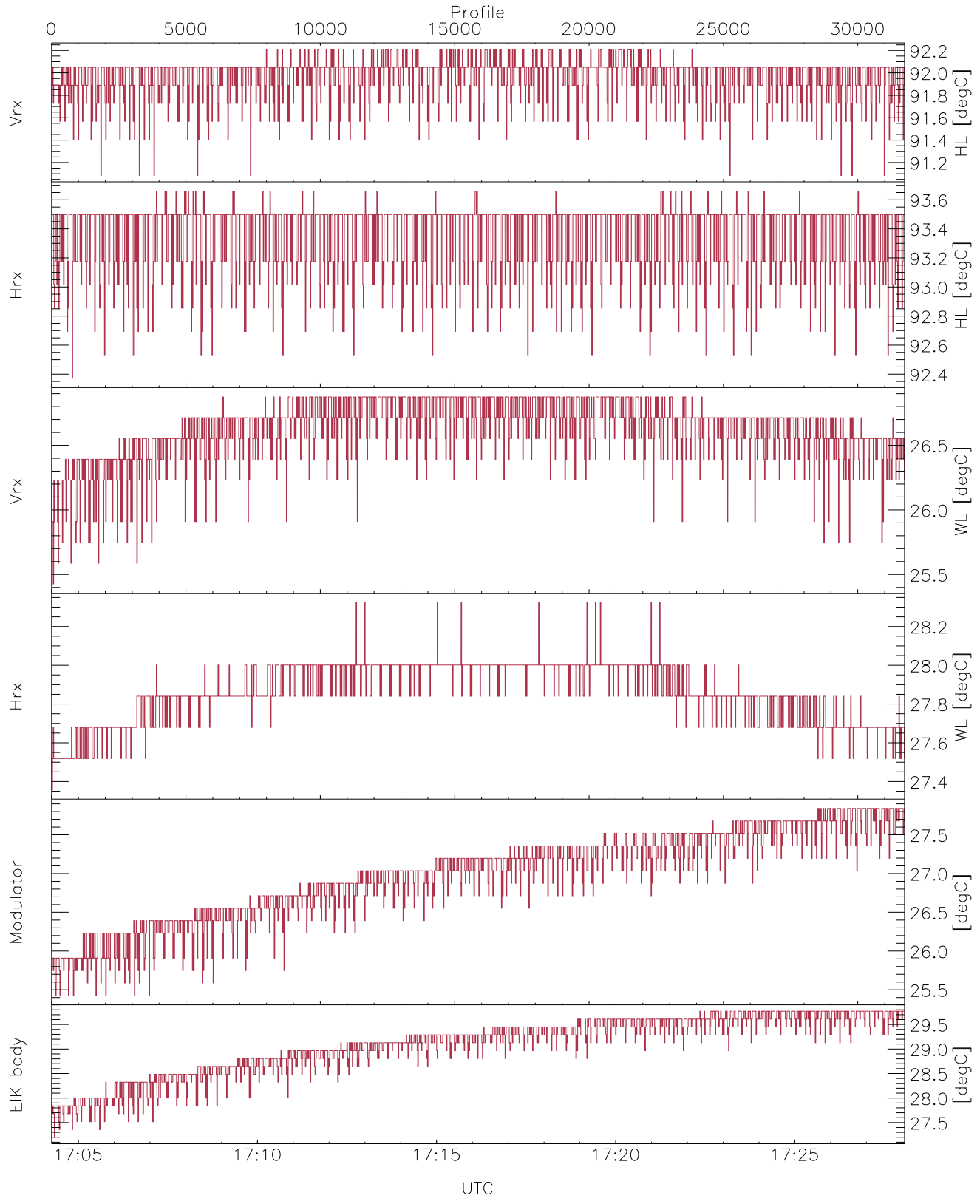






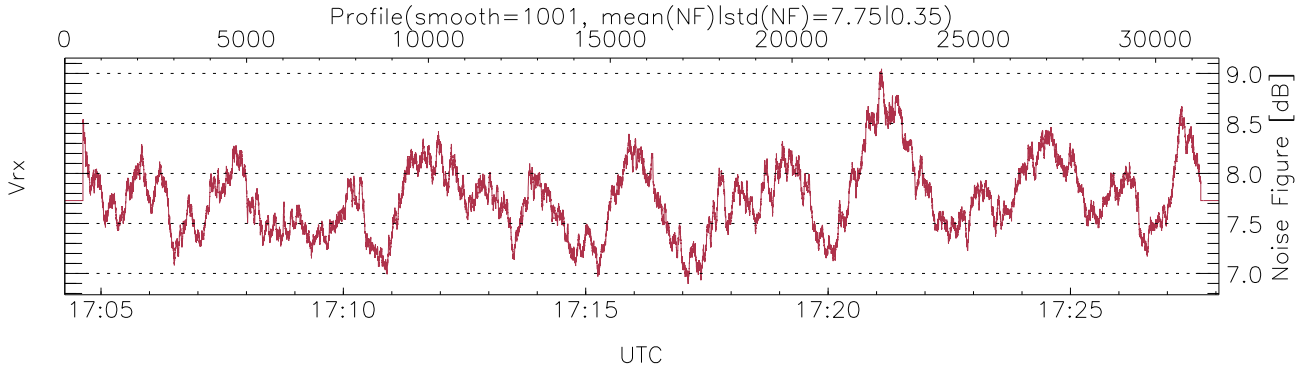
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

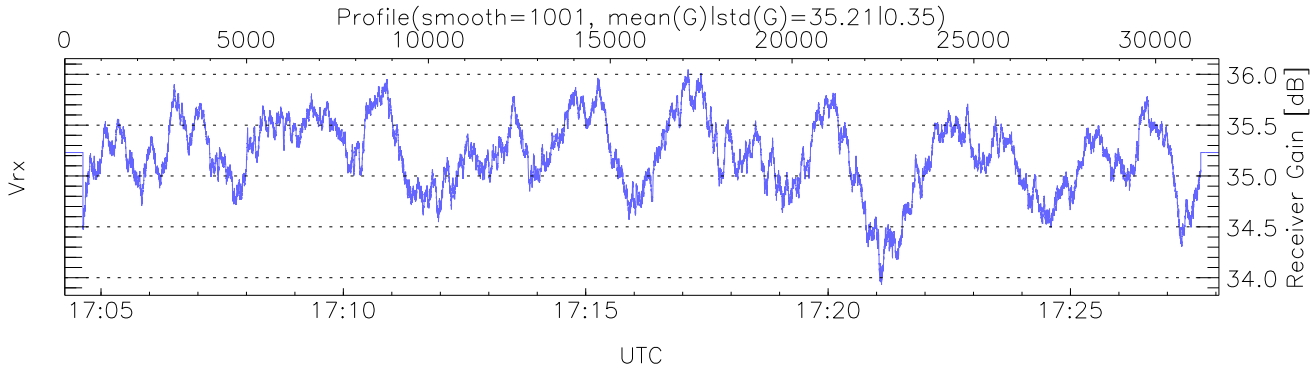
UTC: 17:04:15-17:28:04, TimeCor: 0.00s, Dur: 1428.66s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 31741/31741, 0-31740/17:04:15-17:28:04
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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|sideluperror): 91

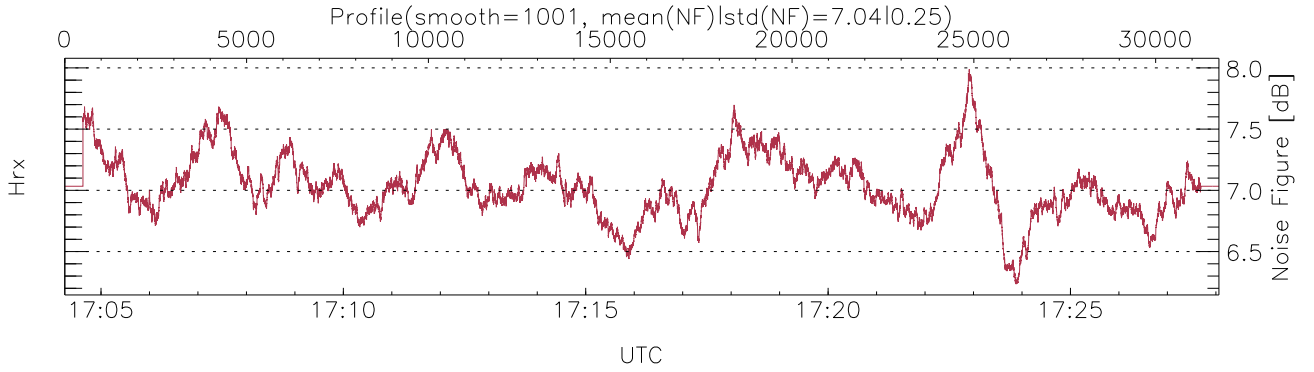


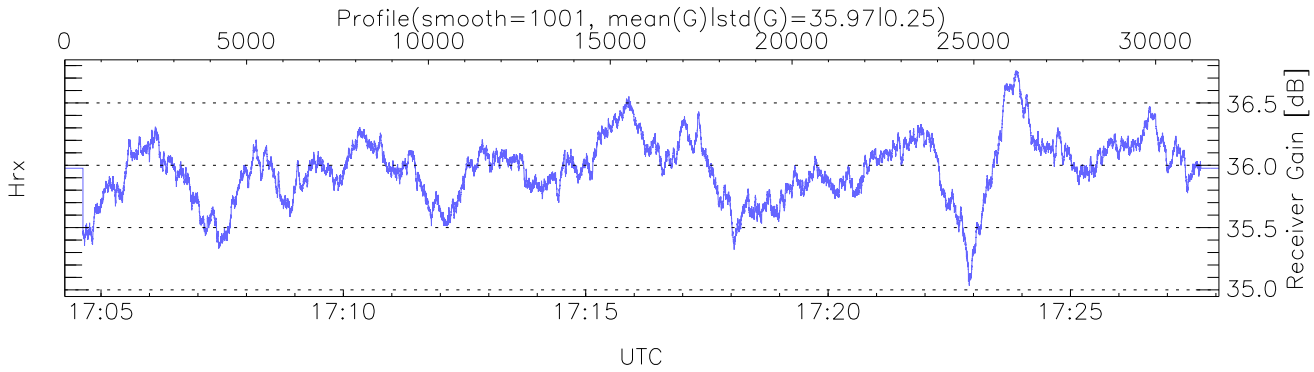
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,25,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,27,29
LOalarm(20,240,2817,14861 MHz): 0,0,23,0
EIK Faults(# prof affected):
DeckF,OverDuty (22,22)



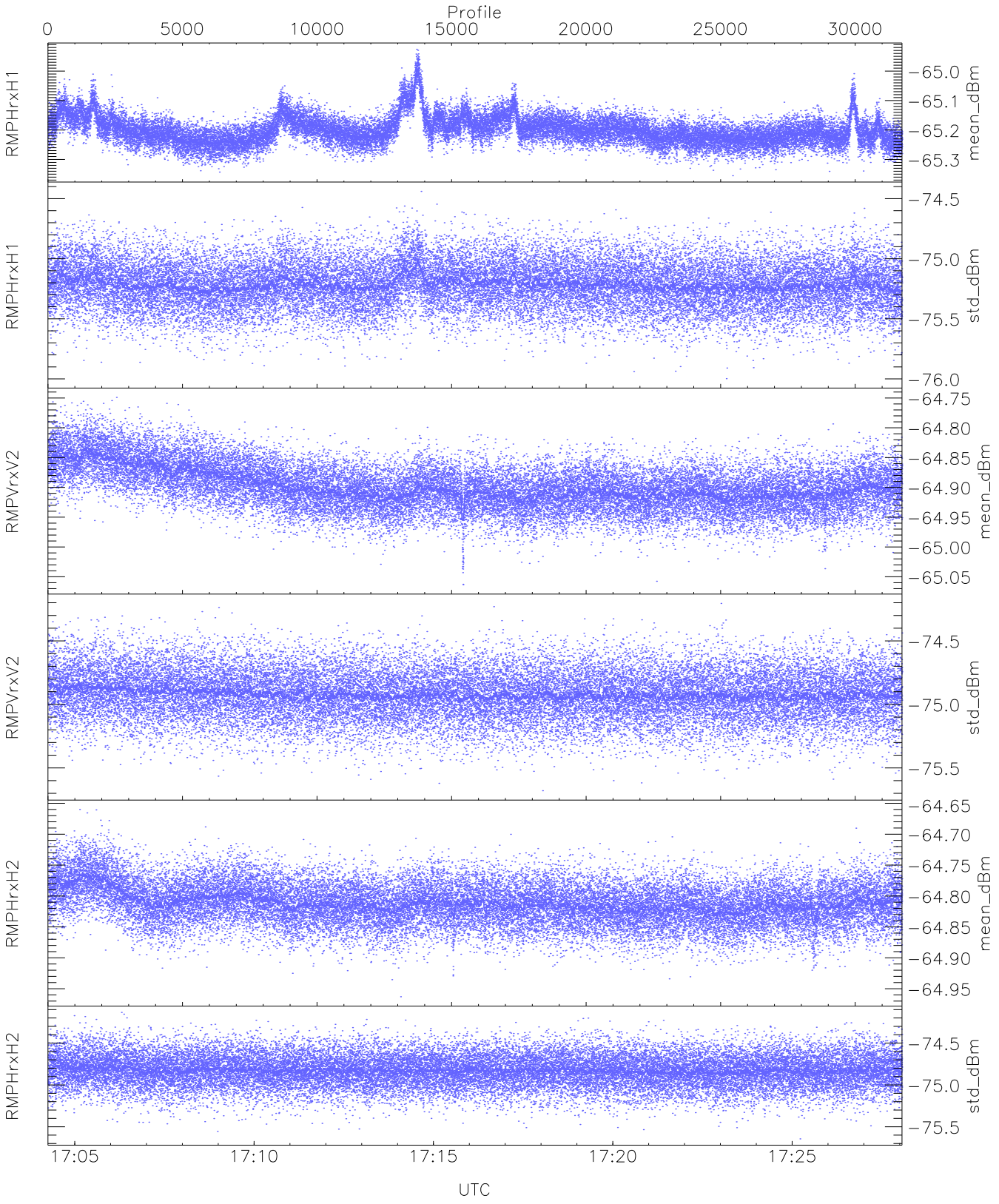






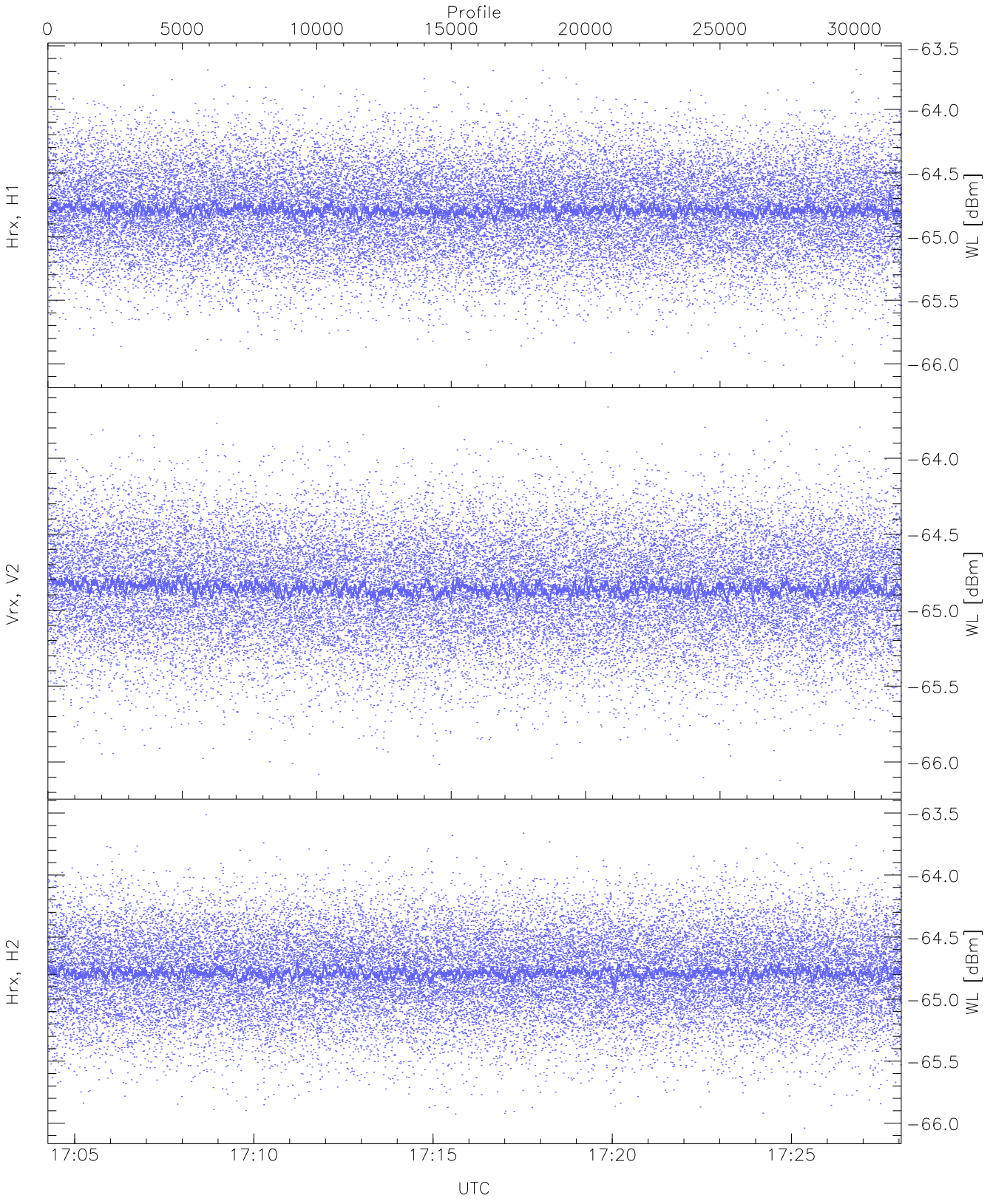
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 4 pixs, 1 gates, 4 profs, 1 prod(s)



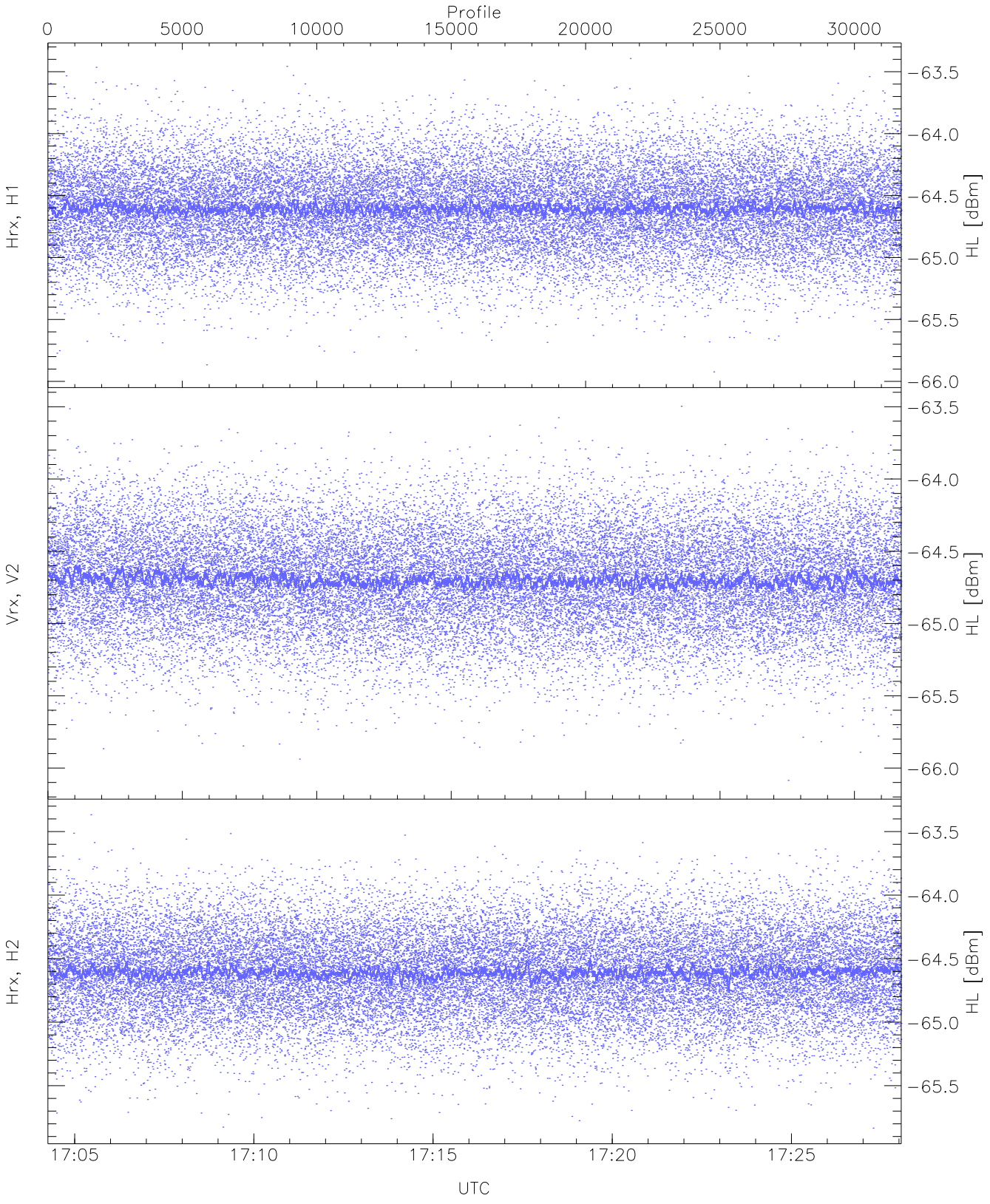
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.36	-64.93	-65.20	-65.20	-84.75
RMPHrxH1(std_dBm)	-76.00	-74.44	-75.21	-75.22	-88.94
RMPVrxV2(mean_dBm)	-65.06	-64.75	-64.90	-64.90	-85.55
RMPVrxV2(std_dBm)	-75.68	-74.21	-74.92	-74.92	-88.70
RMPHrxH2(mean_dBm)	-64.96	-64.66	-64.81	-64.81	-86.07
RMPHrxH2(std_dBm)	-75.64	-74.13	-74.83	-74.83	-88.63



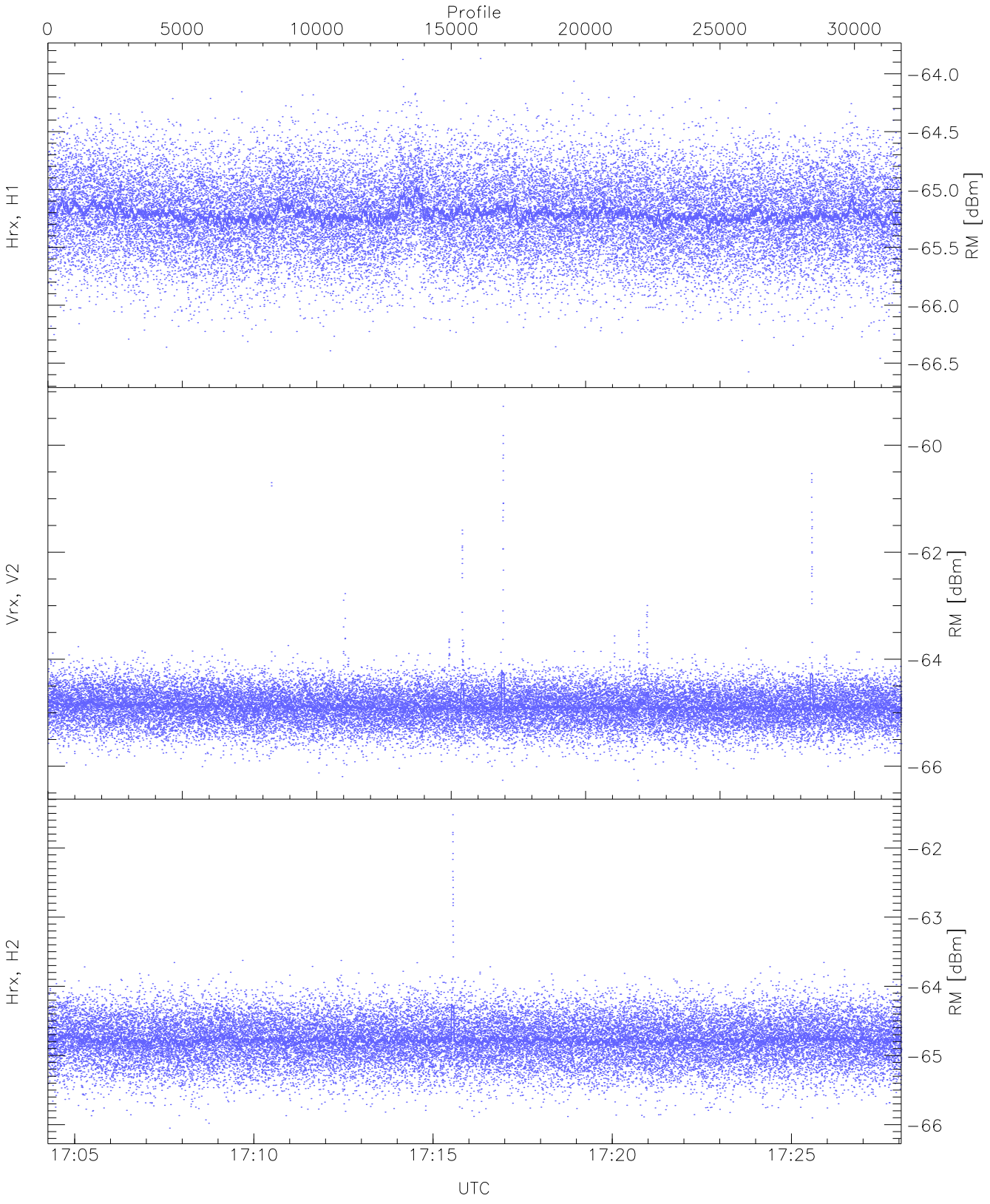
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.06	-63.60	-64.78	-64.79	-76.29
Vrx, V2(WL [dBm])	-66.12	-63.66	-64.85	-64.85	-76.36
Hrx, H2(WL [dBm])	-66.04	-63.51	-64.78	-64.79	-76.28



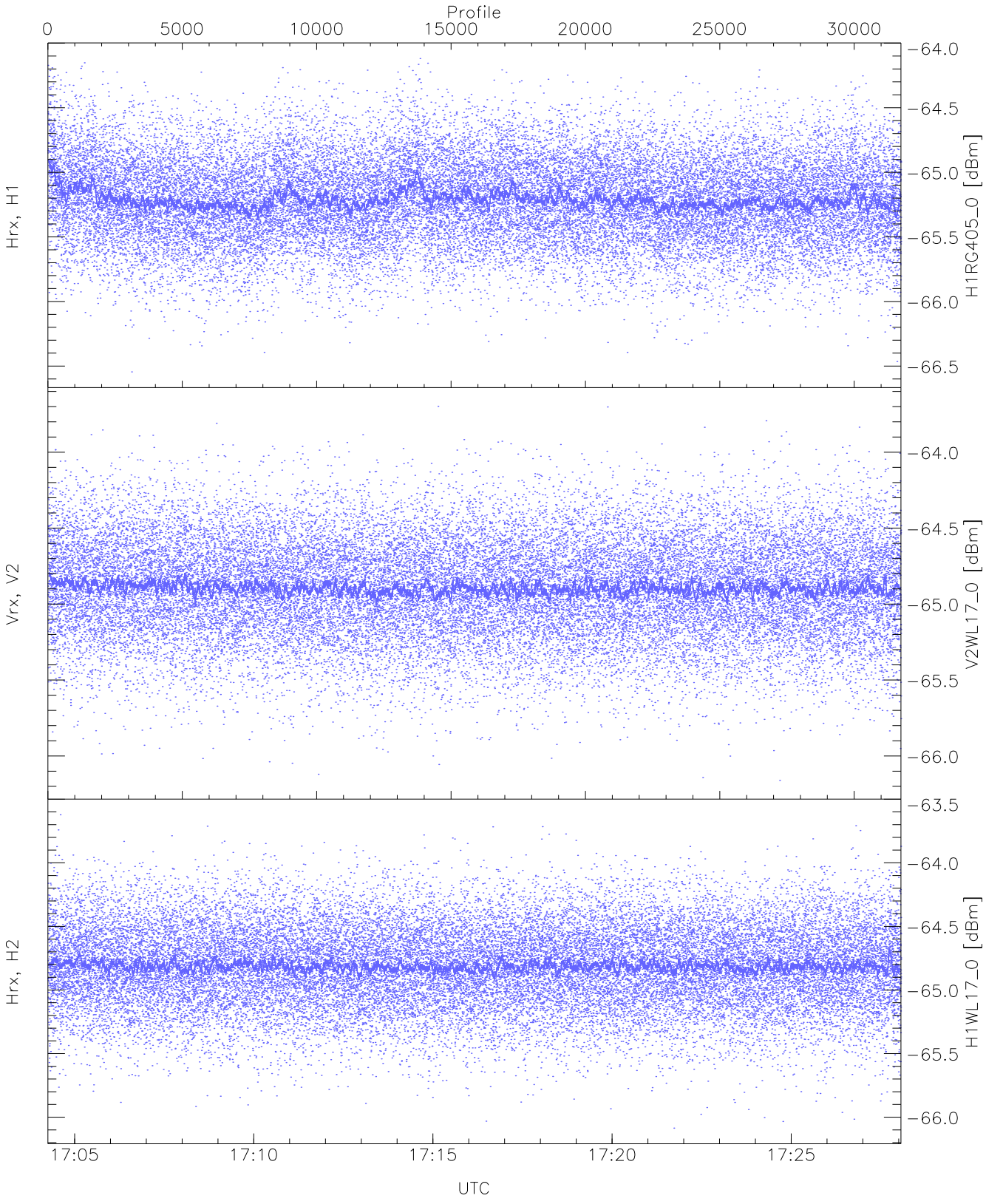
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.92	-63.39	-64.60	-64.60	-76.09
Vrx, V2(HL [dBm])	-66.09	-63.50	-64.69	-64.70	-76.17
Hrx, H2(HL [dBm])	-65.83	-63.37	-64.60	-64.61	-76.12



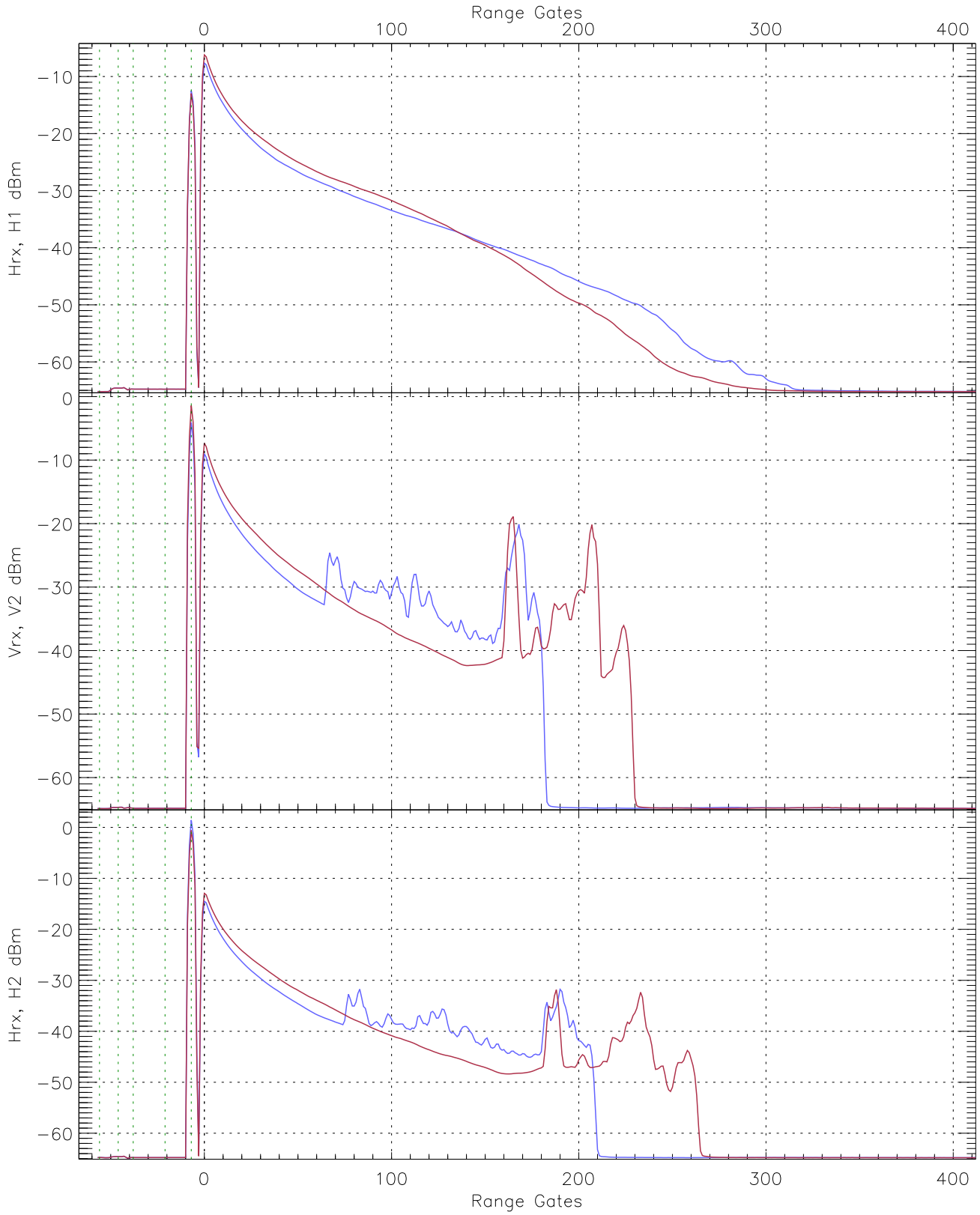
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.58	-63.87	-65.21	-65.21	-76.70
Vrx, V2(RM [dBm])	-66.26	-59.27	-64.87	-64.89	-75.44
Hrx, H2(RM [dBm])	-66.05	-61.52	-64.77	-64.78	-76.15

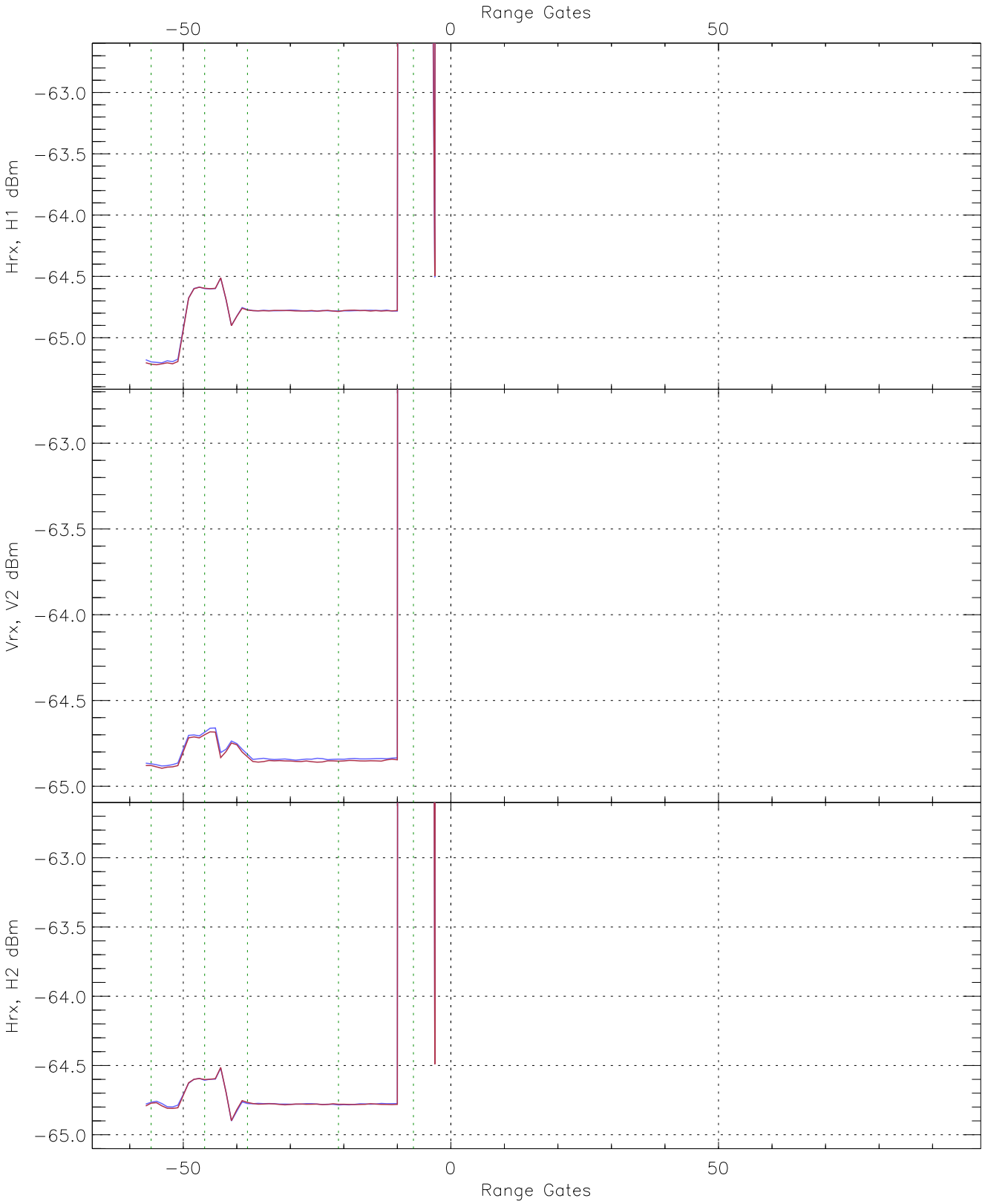


WCR3 CPP "Best" estimate Receivers Noise Power

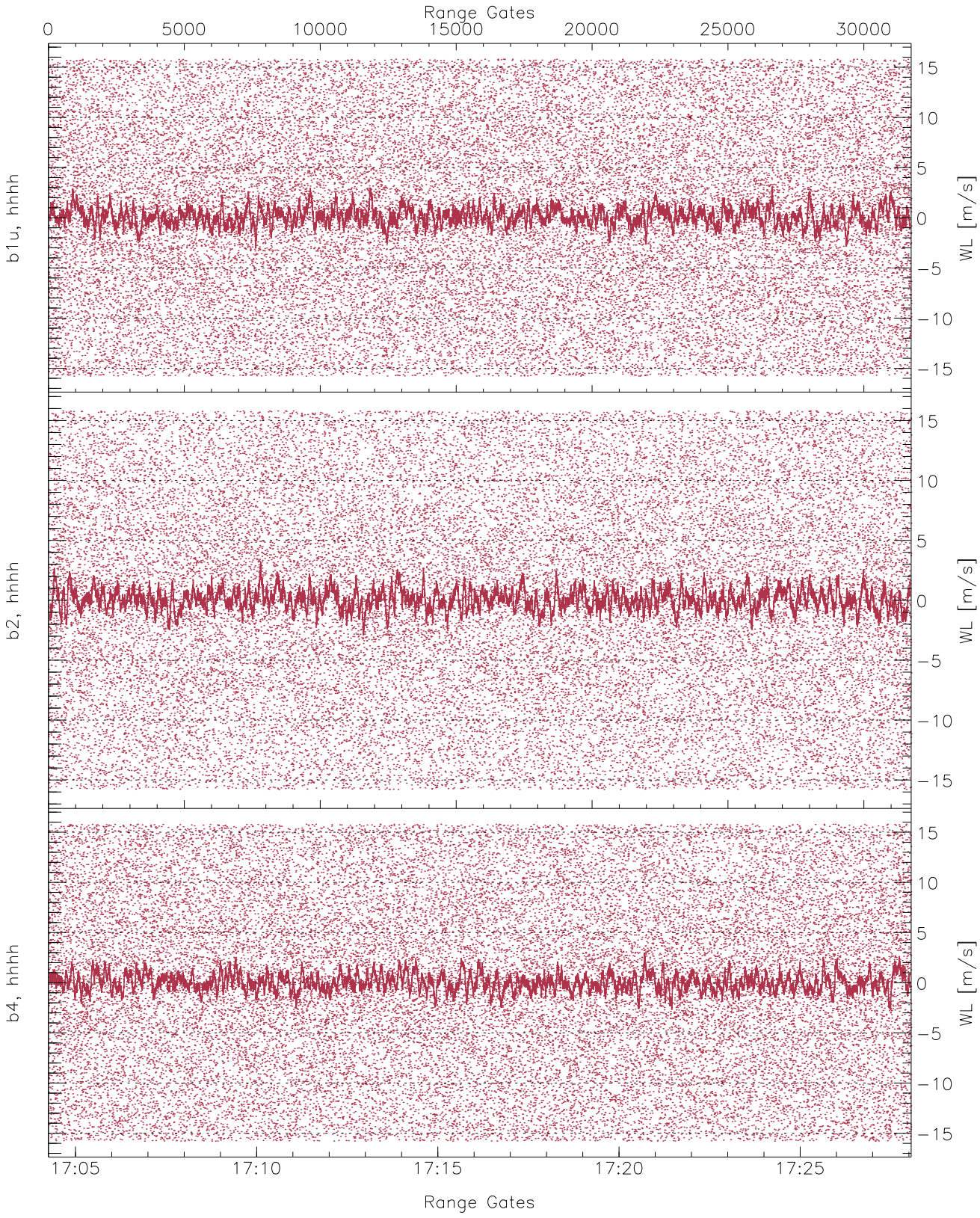
	Min	Max	Mean	Median	StDev
H1RG405_0 [dBm]	-66.55	-64.12	-65.21	-65.22	-76.63
V2WL17_0 [dBm]	-66.16	-63.70	-64.89	-64.89	-76.40
H1WL17_0 [dBm]	-66.09	-63.62	-64.81	-64.81	-76.31



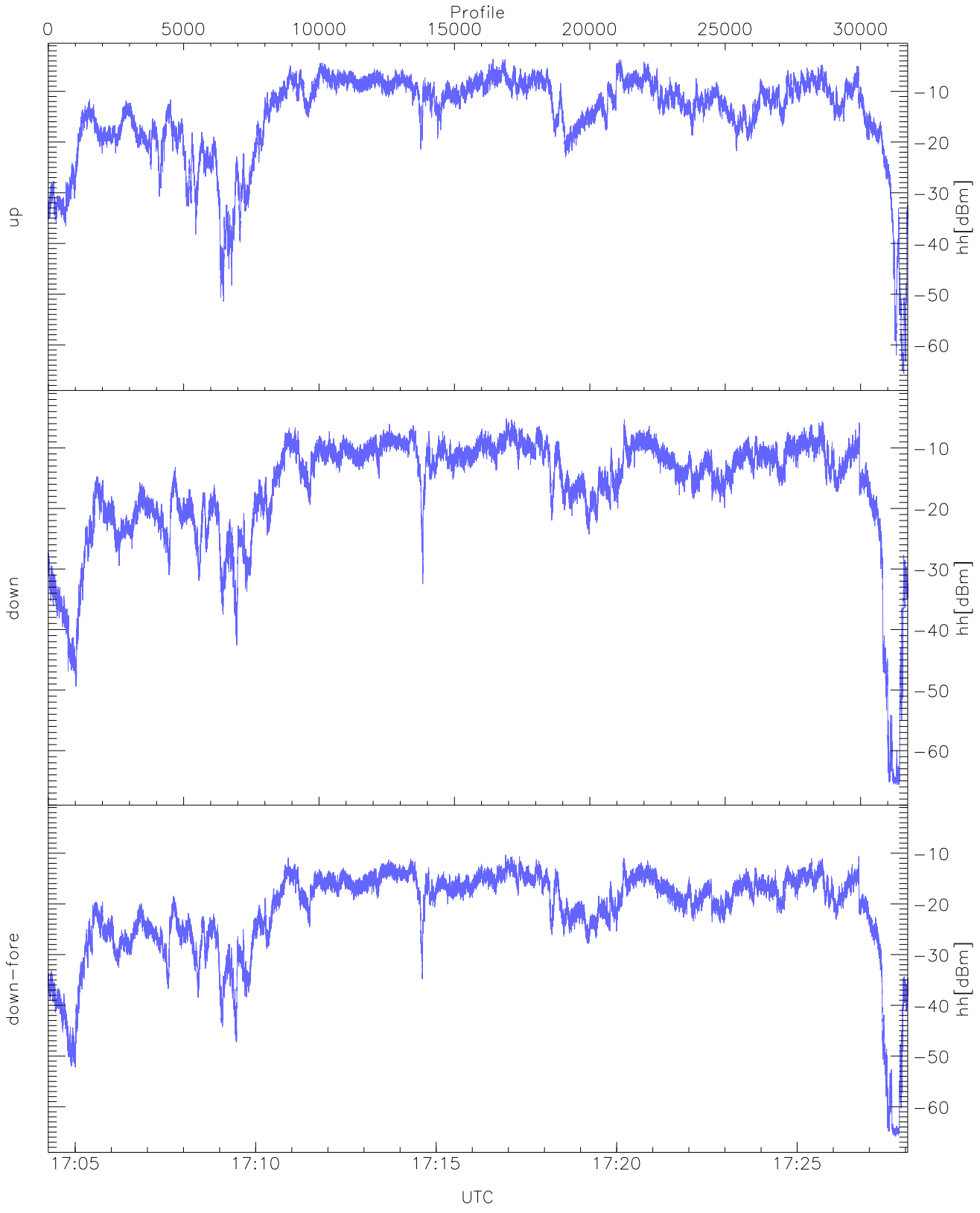
WCR3 CPP Averaged Received power for all recorded gates
blue: 170415-171609, 15871 profiles averaged
red: 171609-172804, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 170415-171609, 15871 profiles averaged
red: 171609-172804, 15871 profiles averaged

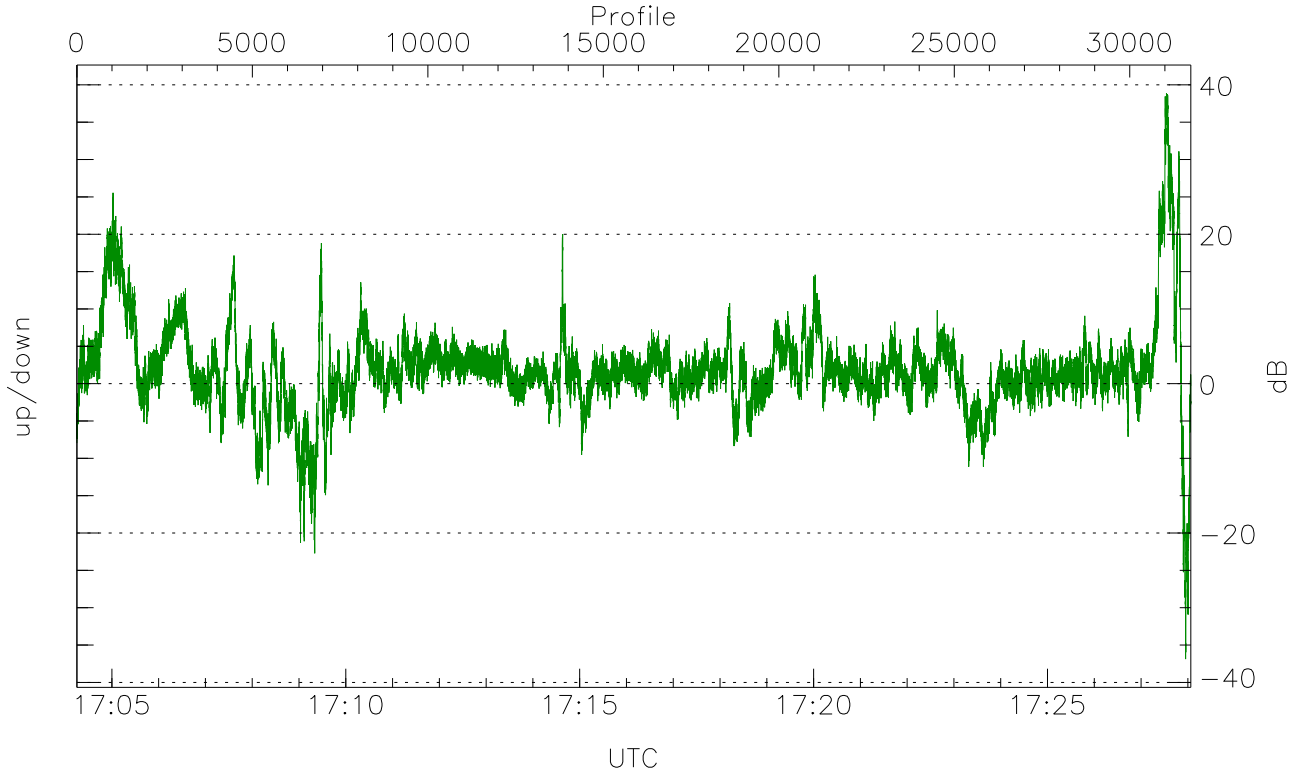


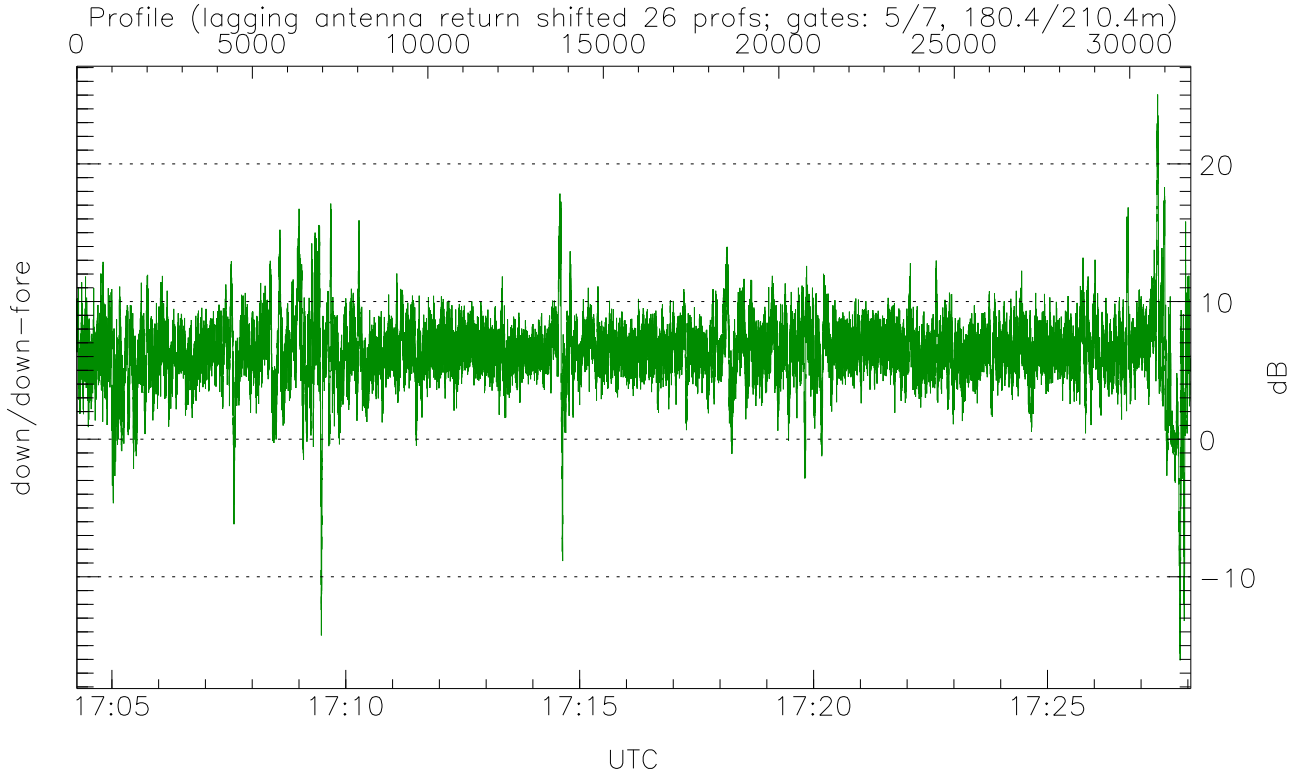
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

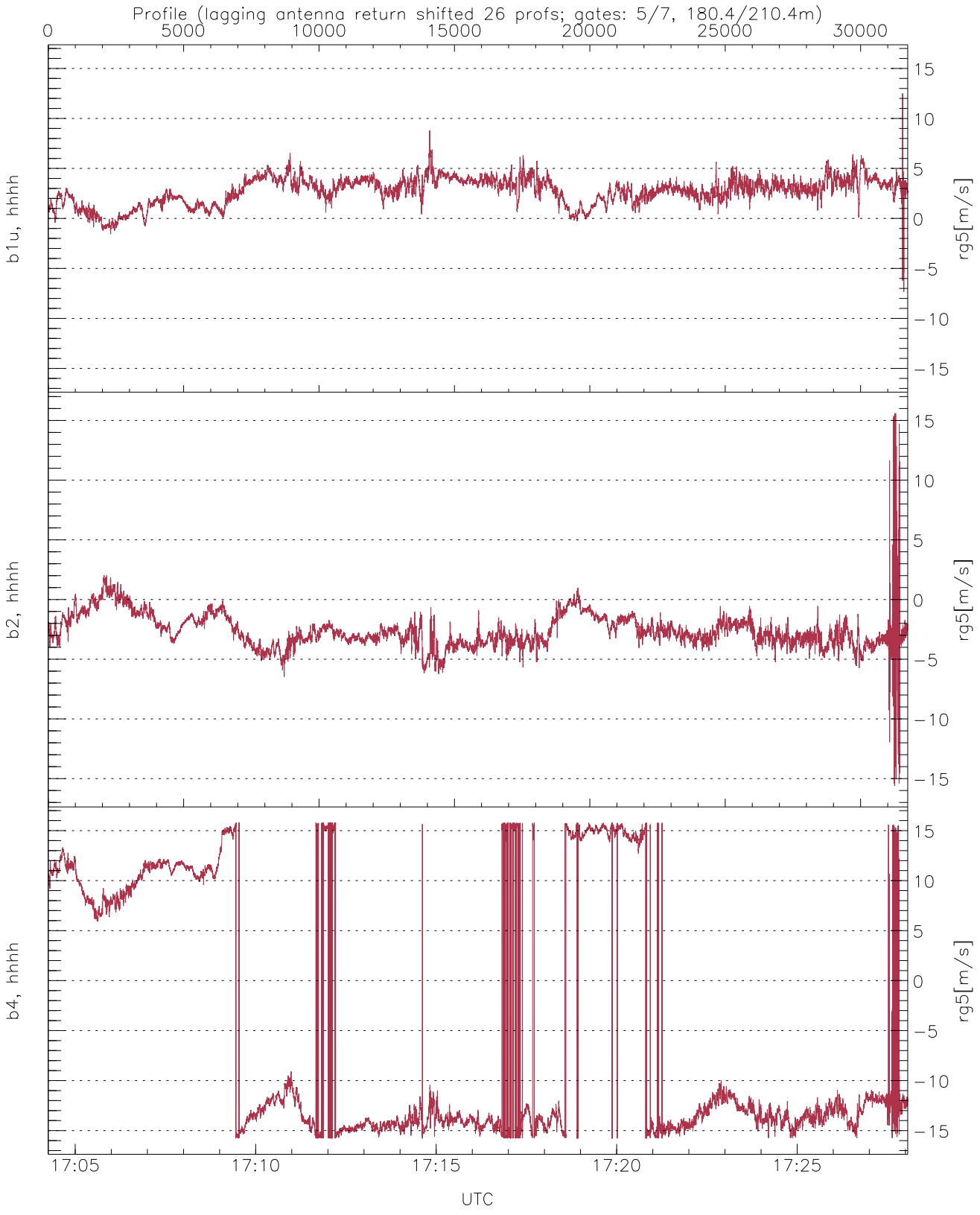
	Min	Max	Mean
up(hh[dBm])	-65.67	-3.62	-10.87
down(hh[dBm])	-65.64	-5.14	-12.46
down-fore(hh[dBm])	-65.88	-10.36	-17.56





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

	Min	Max	Mean
up/down(dB)	-36.87	38.87	1.86
down/down-fore(dB)	-16.06	25.04	6.35



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-7.36	12.51	2.72	1.35
b2, hhhh(rg5[m/s])	-15.59	15.62	-2.62	1.45
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.81	12.36