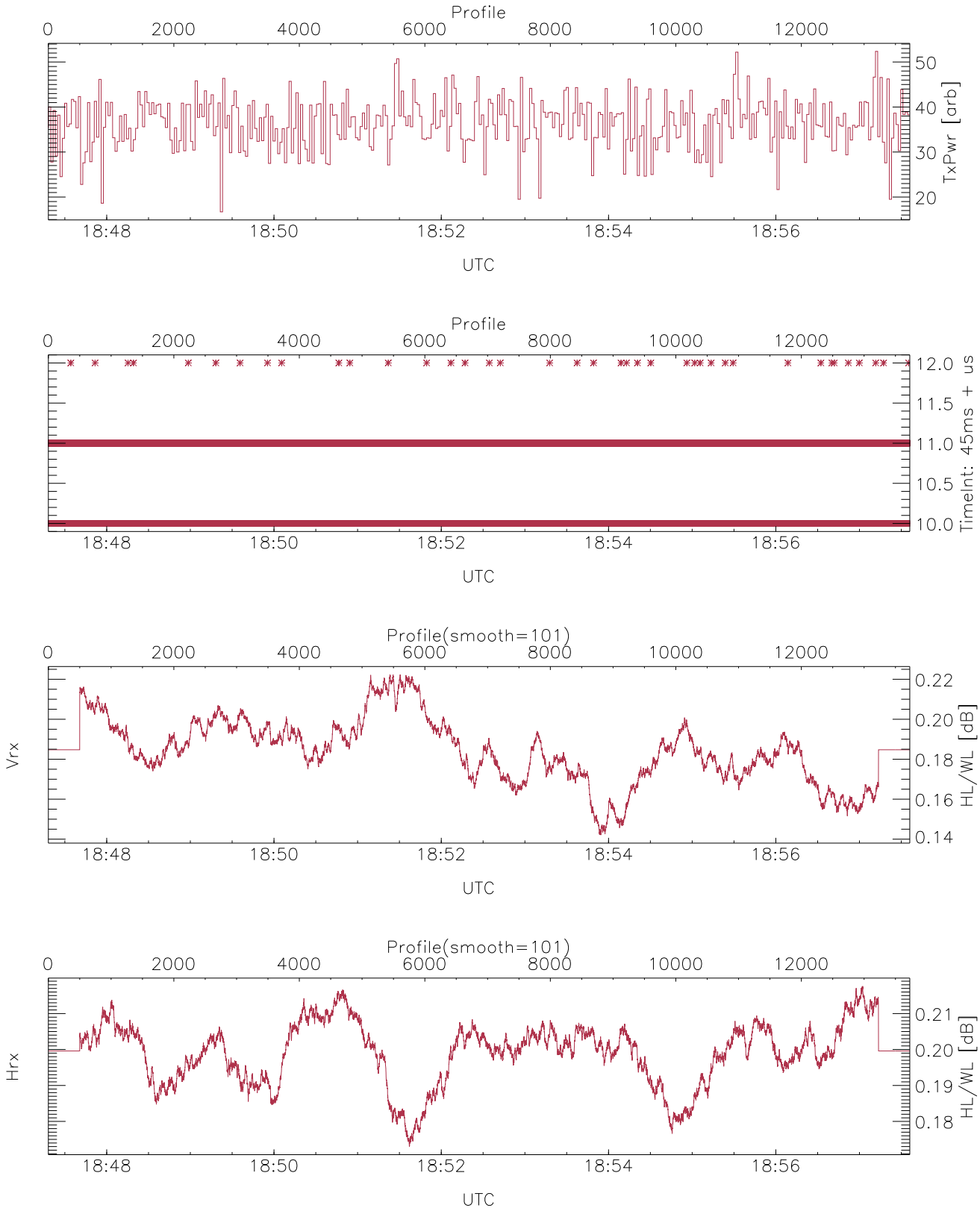
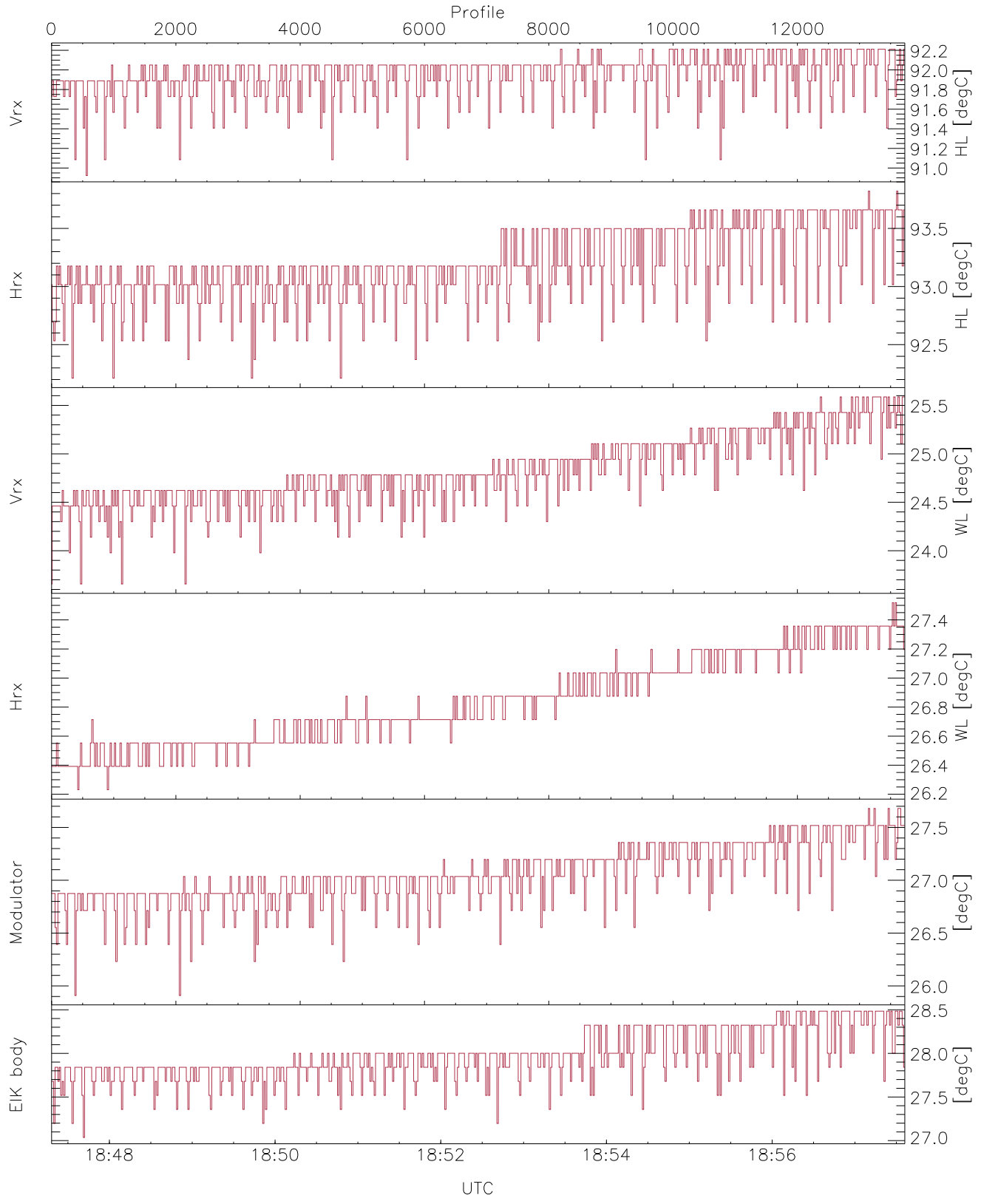


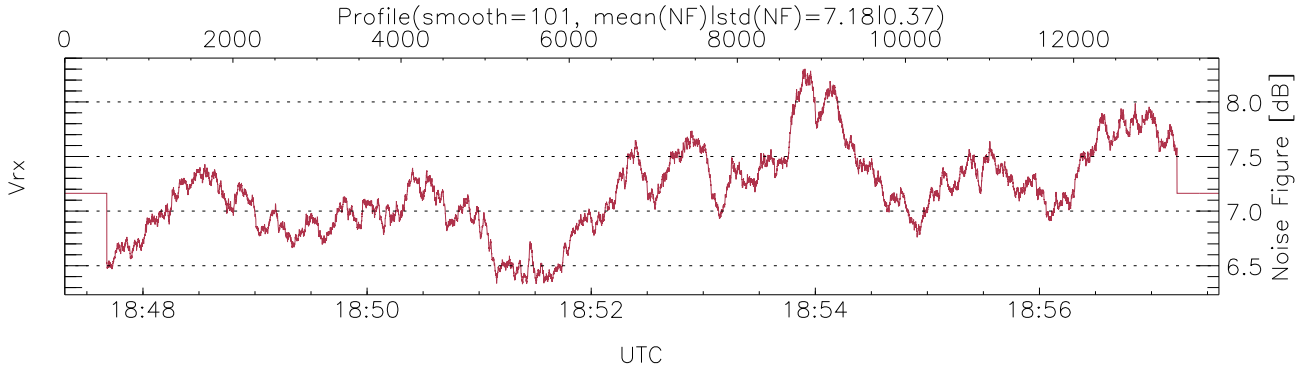
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

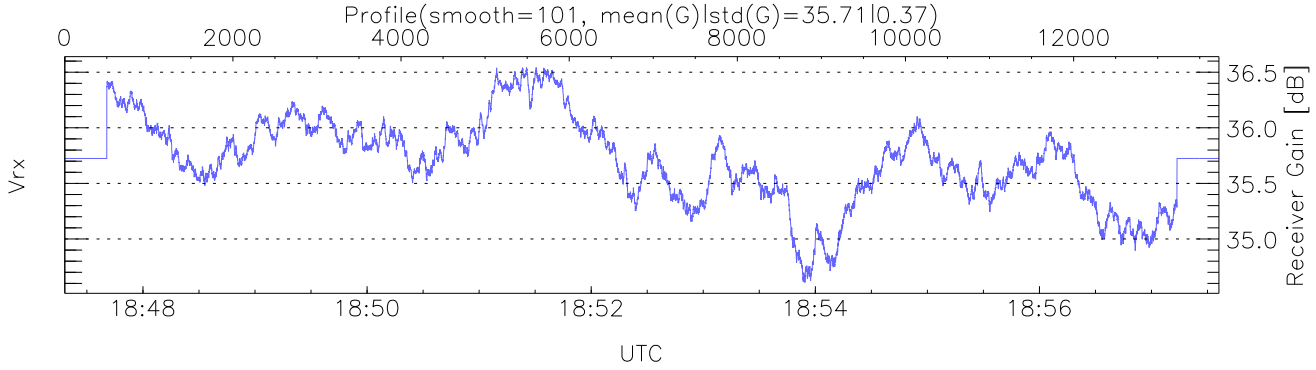
UTC: 18:47:18-18:57:36, TimeCor: 0.00s, Dur: 617.96s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 13730/13730, 0-13729/18:47:18-18:57:36
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: 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

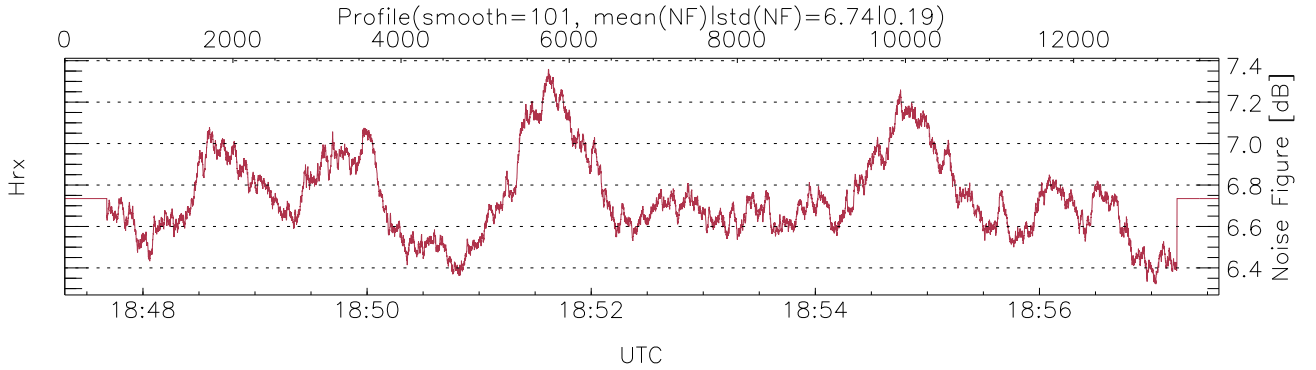


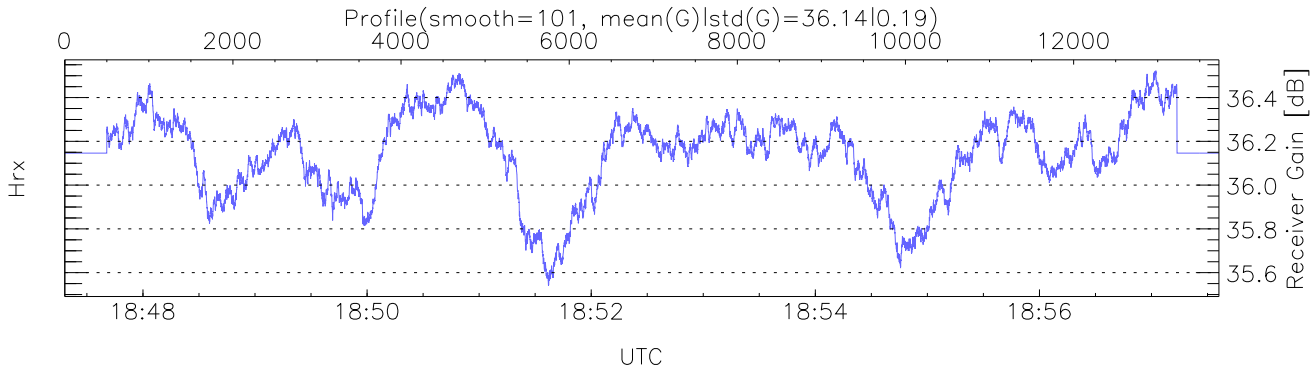
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,23,26,25,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,27,27,28
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (23,23,23,23,23,23)



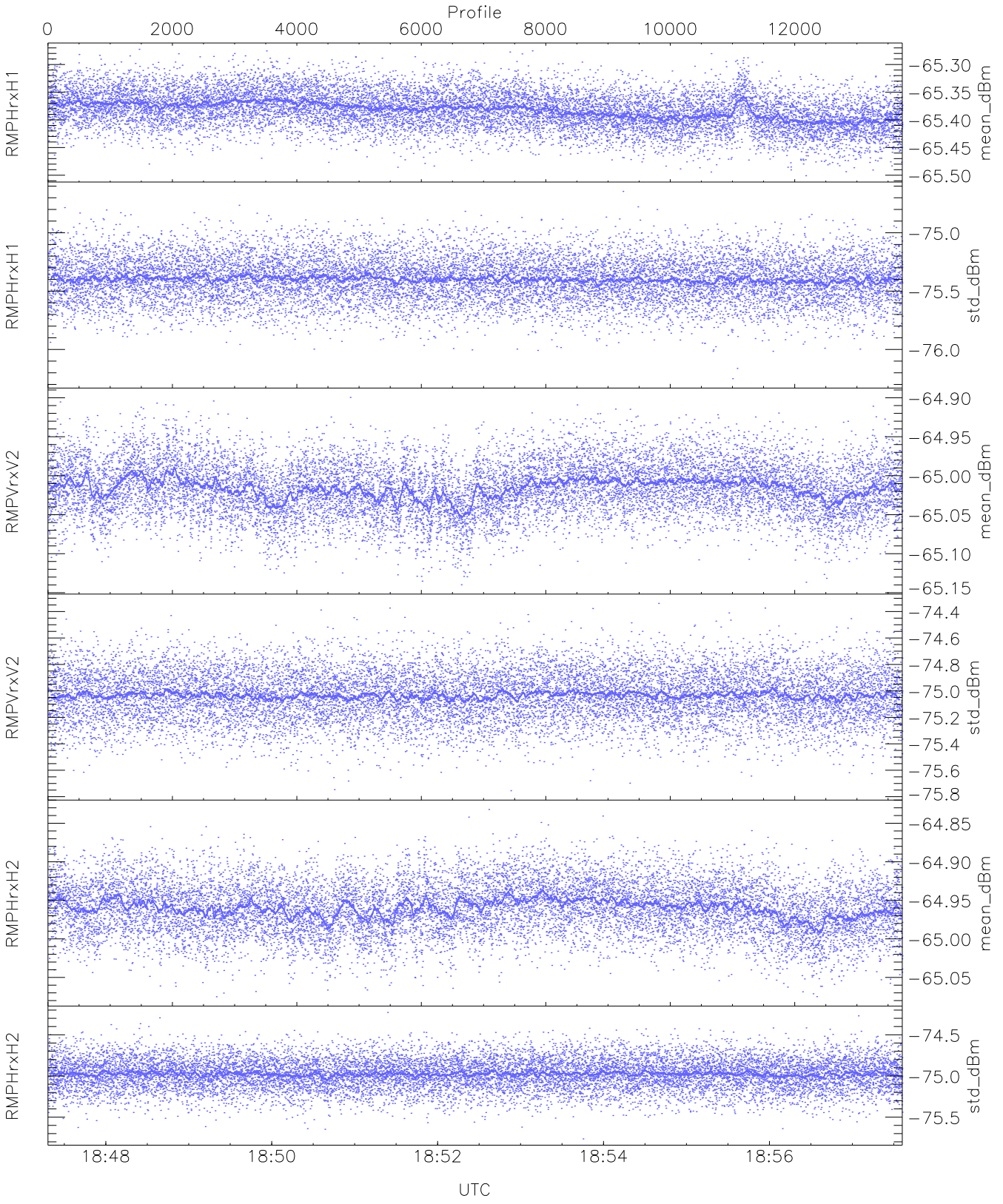






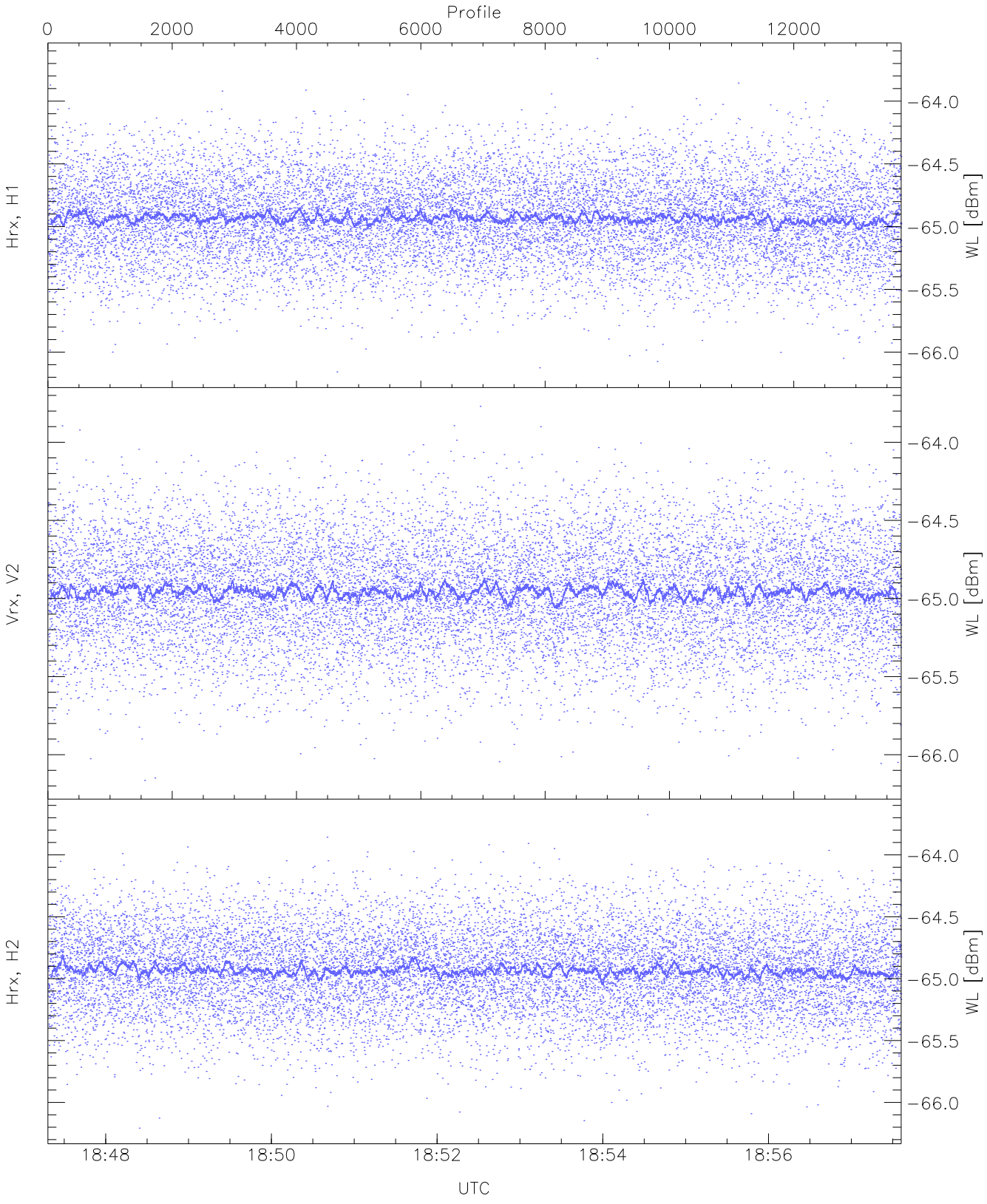
WCR3 CPP Receivers Gain and Noise Figure

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



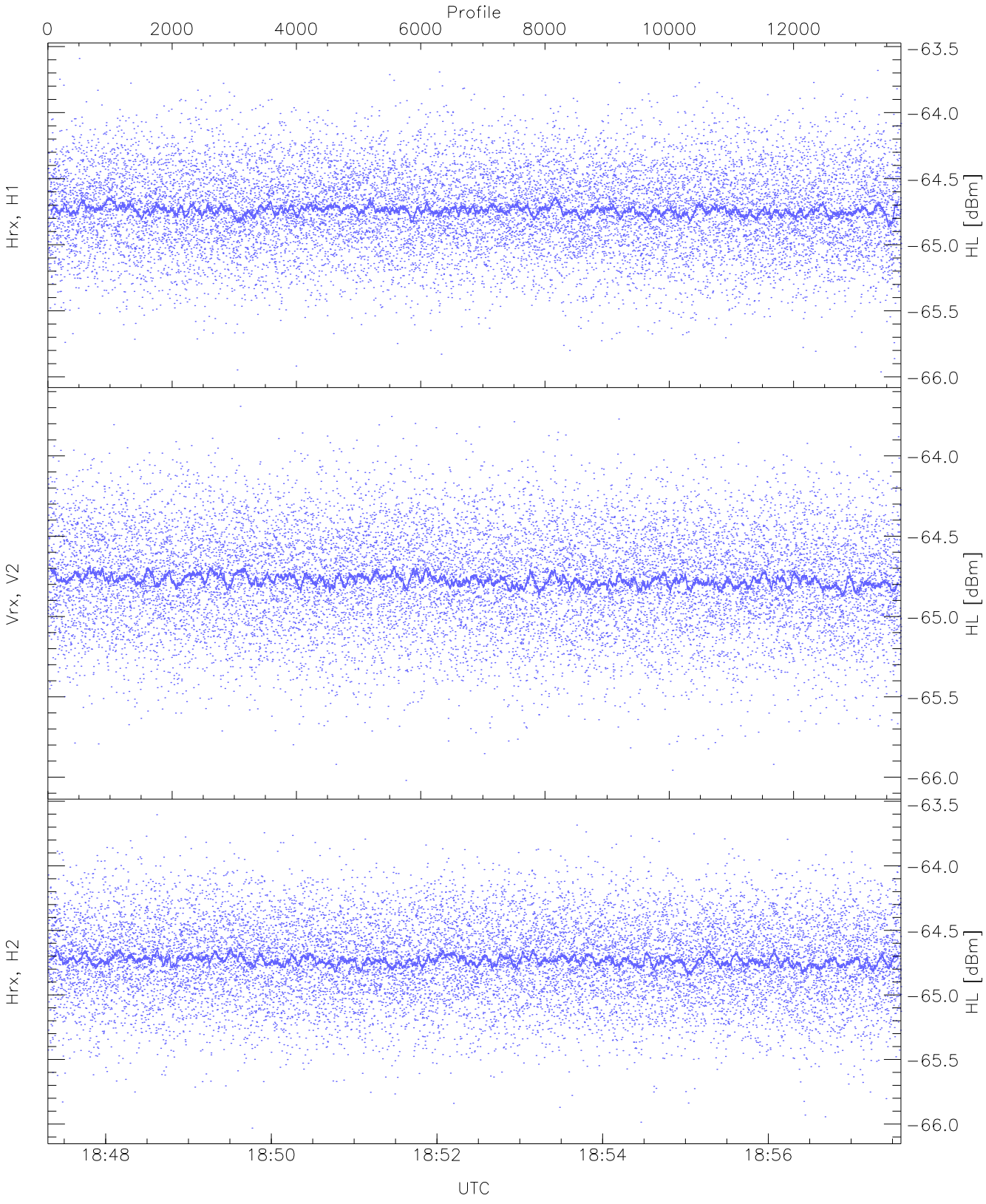
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.50	-65.27	-65.38	-65.38	-86.64
RMPHrxH1(std_dBm)	-76.25	-74.65	-75.40	-75.40	-89.19
RMPVrxV2(mean_dBm)	-65.14	-64.90	-65.02	-65.02	-86.21
RMPVrxV2(std_dBm)	-75.75	-74.34	-75.03	-75.03	-88.84
RMPHrxH2(mean_dBm)	-65.08	-64.83	-64.96	-64.96	-86.25
RMPHrxH2(std_dBm)	-75.76	-74.23	-74.97	-74.98	-88.78



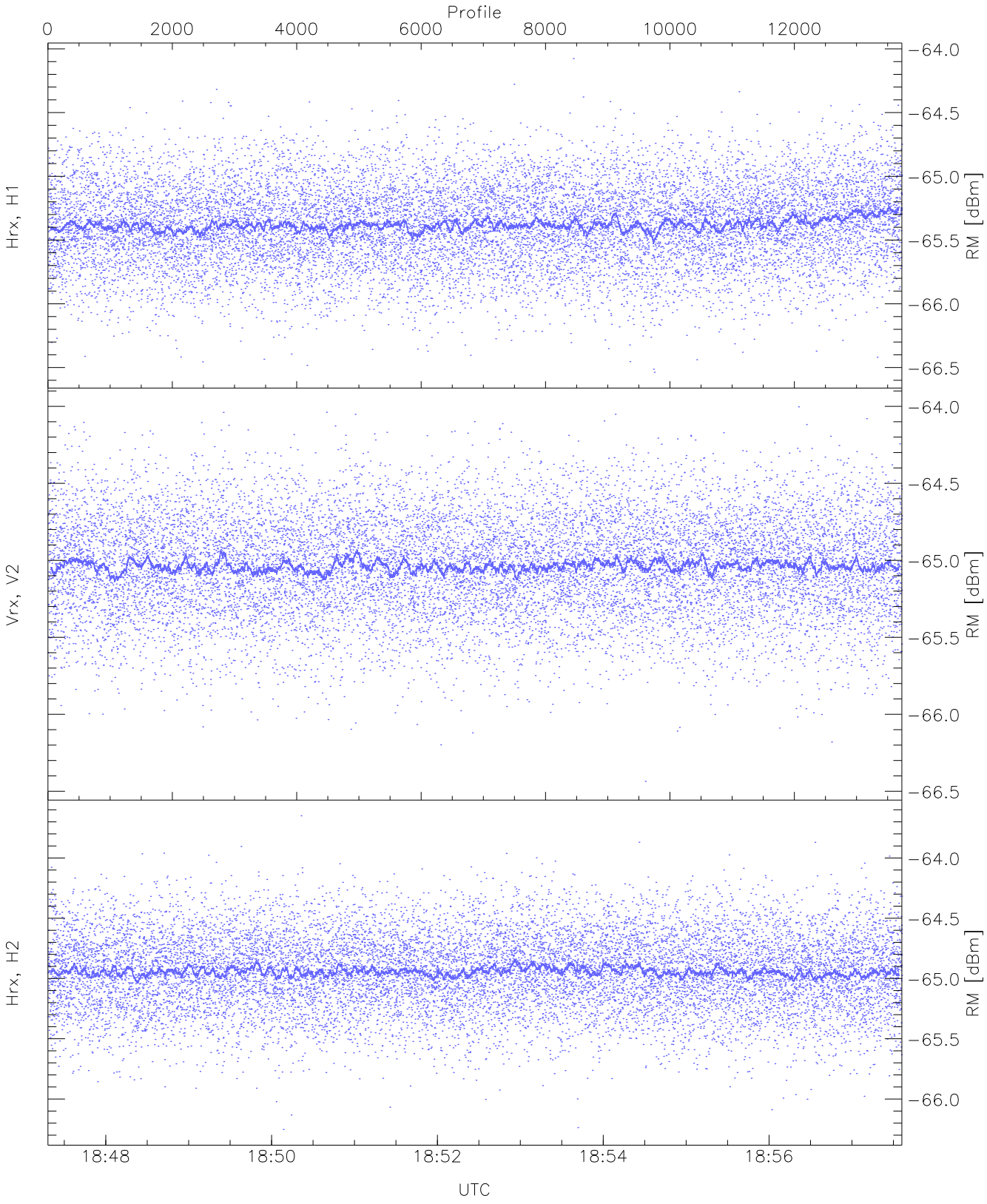
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.16	-63.66	-64.93	-64.93	-76.45
Vrx, V2(WL [dBm])	-66.16	-63.77	-64.95	-64.96	-76.46
Hrx, H2(WL [dBm])	-66.21	-63.68	-64.93	-64.93	-76.42



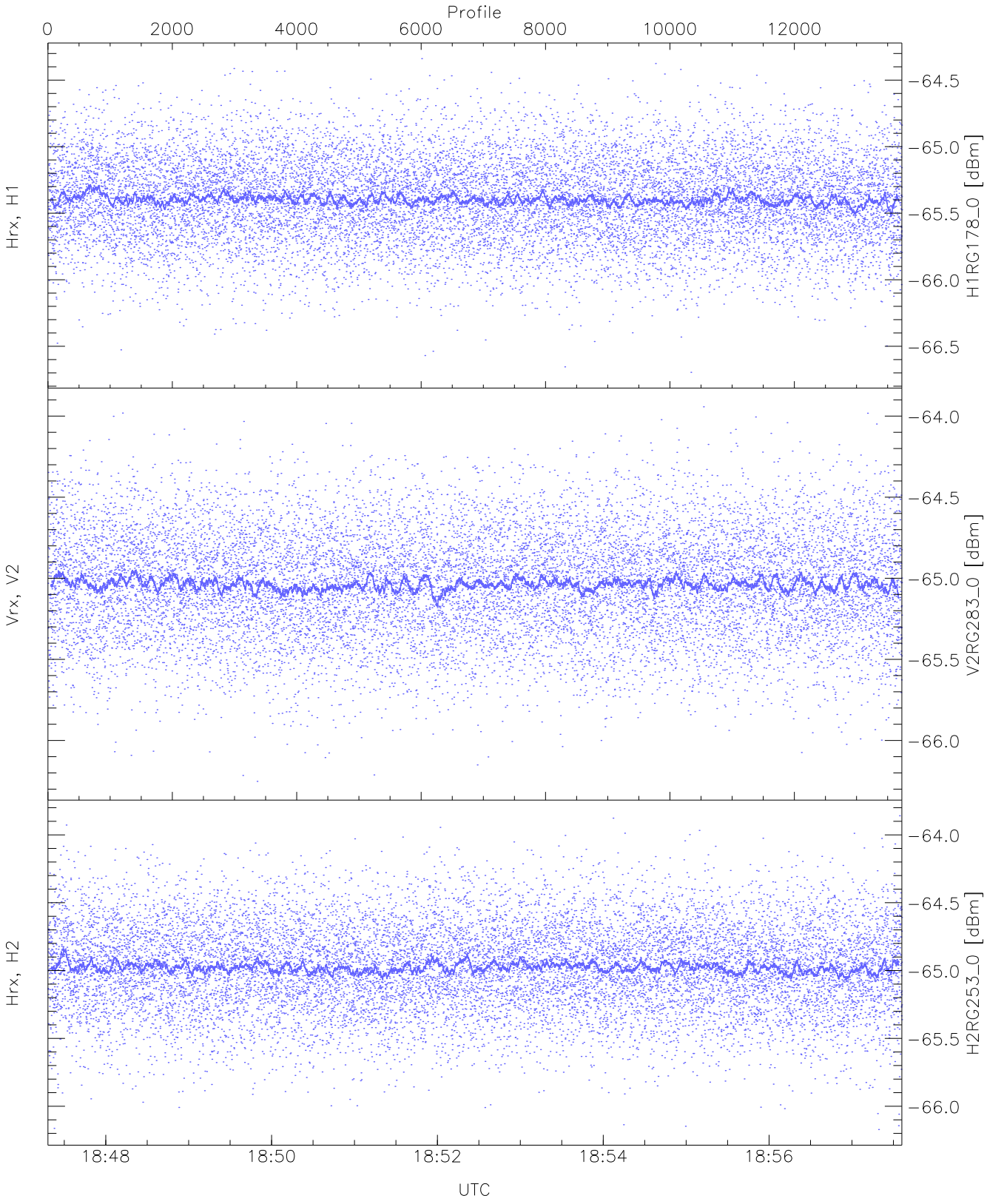
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.96	-63.59	-64.73	-64.74	-76.21
Vrx, V2(HL [dBm])	-66.02	-63.69	-64.77	-64.77	-76.29
Hrx, H2(HL [dBm])	-66.03	-63.60	-64.72	-64.73	-76.20



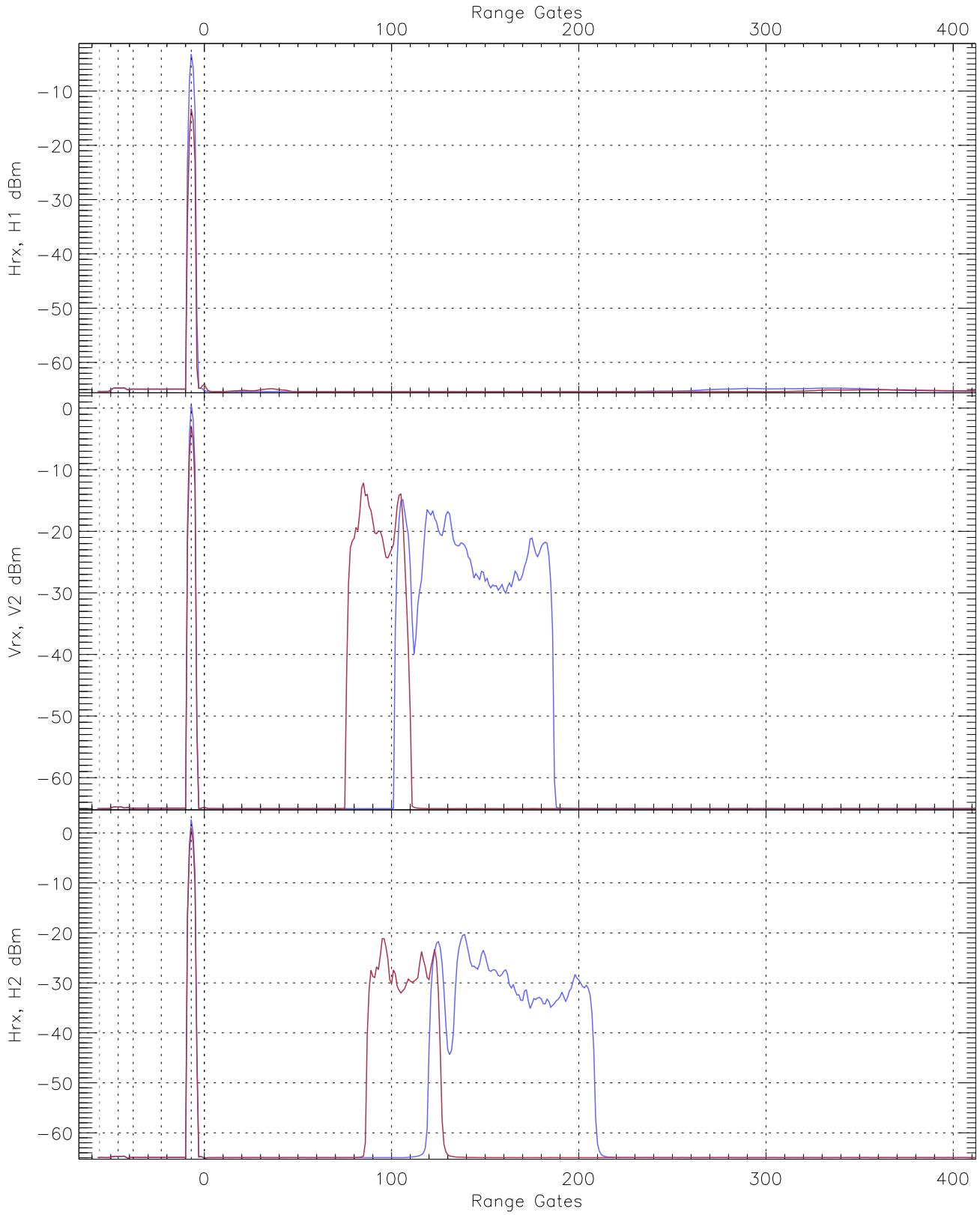
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.54	-64.08	-65.37	-65.38	-76.88
Vrx, V2(RM [dBm])	-66.44	-64.00	-65.03	-65.03	-76.54
Hrx, H2(RM [dBm])	-66.25	-63.65	-64.93	-64.94	-76.50

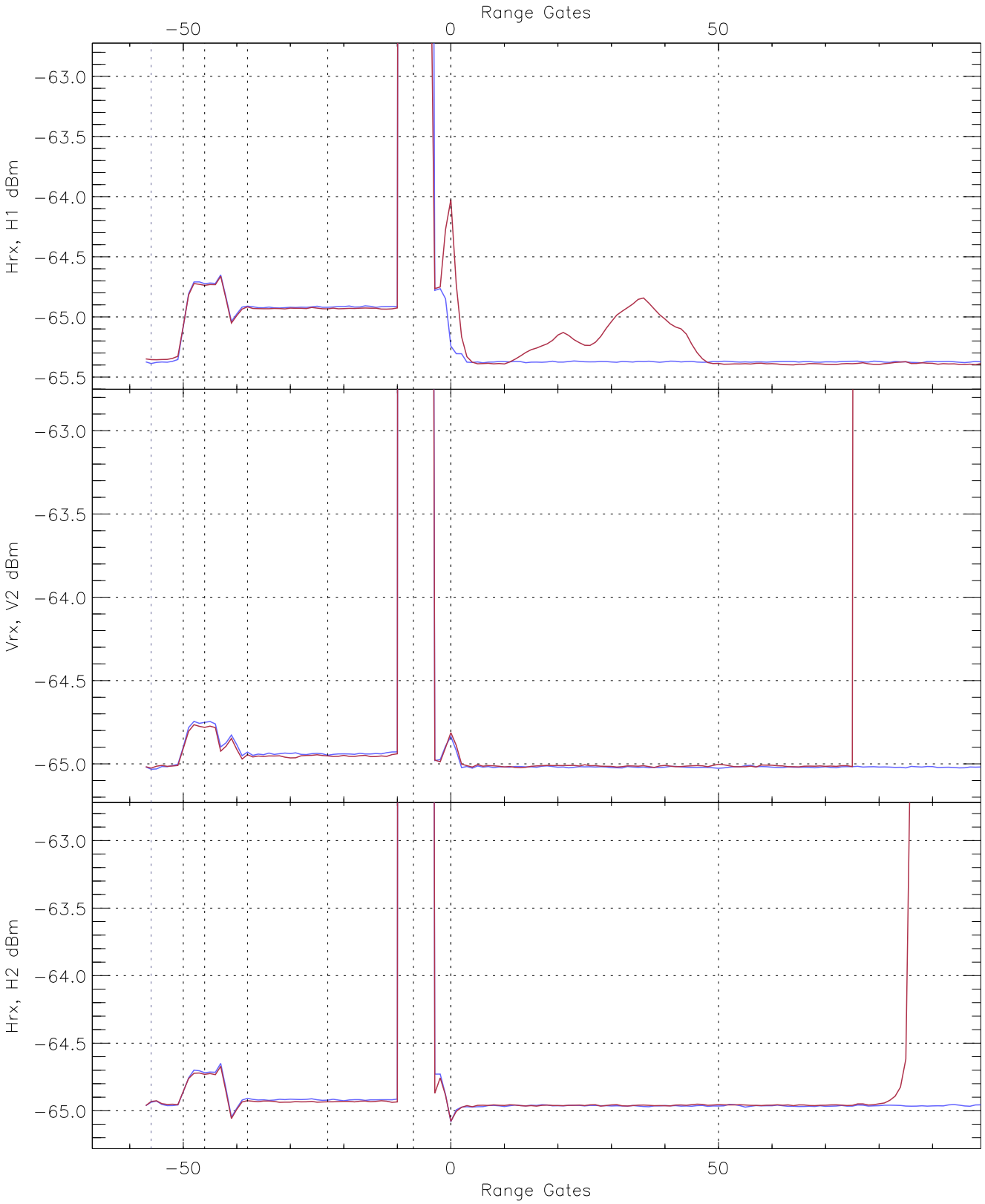


WCR3 CPP "Best" estimate Receivers Noise Power

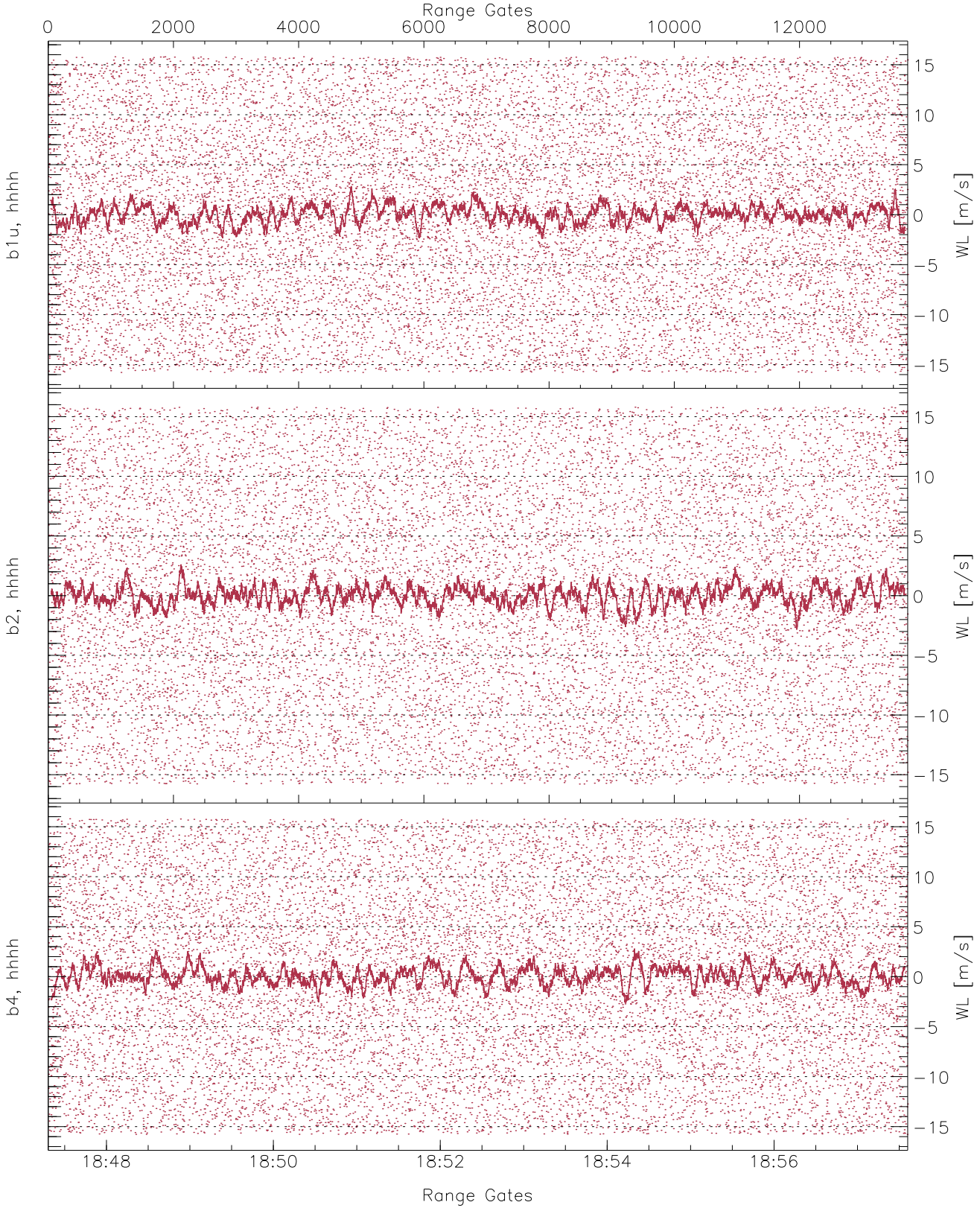
	Min	Max	Mean	Median	StDev
H1RG178_0 [dBm]	-66.70	-64.34	-65.39	-65.40	-76.92
V2RG283_0 [dBm]	-66.25	-63.94	-65.03	-65.03	-76.47
H2RG253_0 [dBm]	-66.17	-63.86	-64.97	-64.98	-76.44



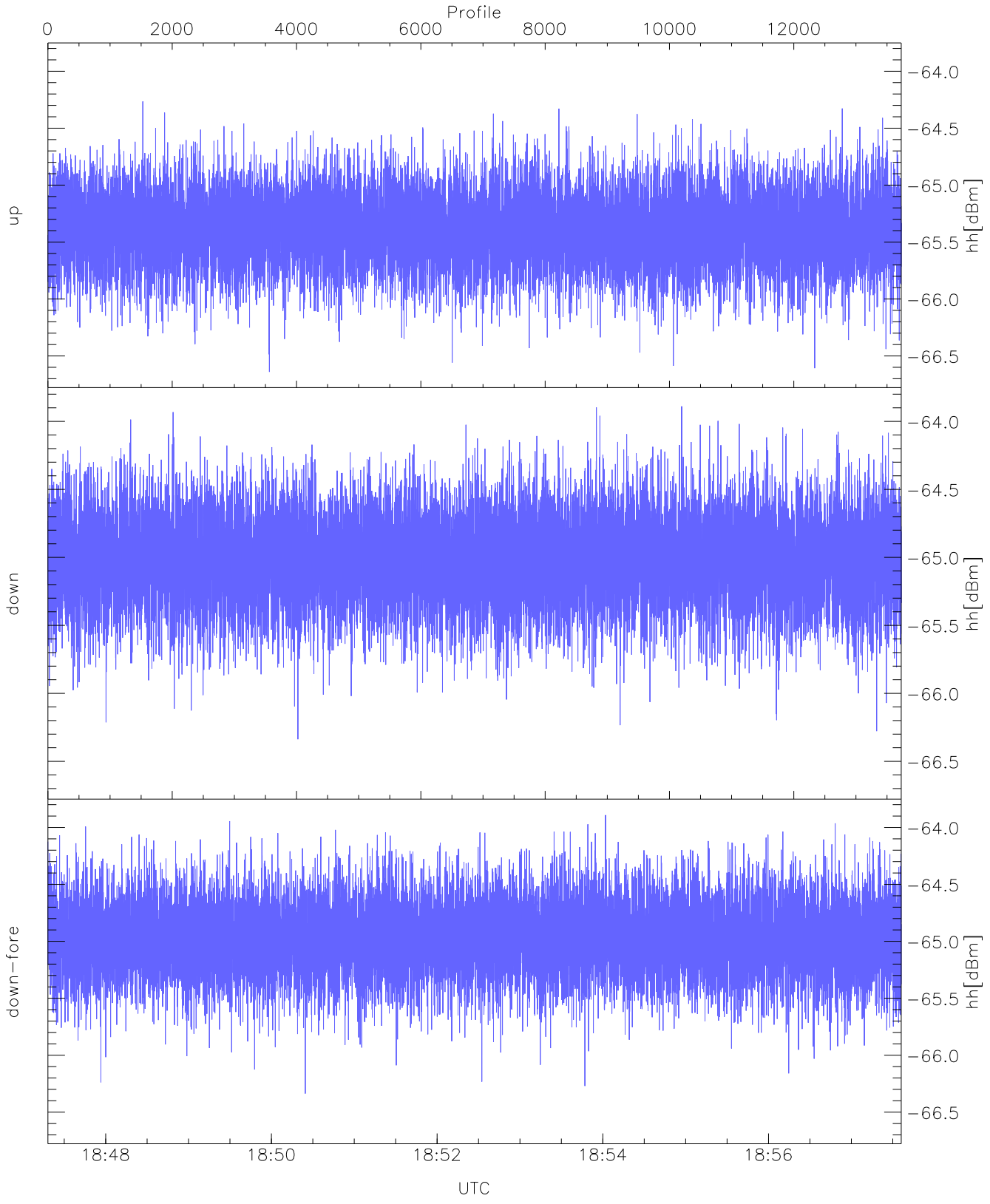
WCR3 CPP Averaged Received power for all recorded gates
blue: 184718-185227, 6866 profiles averaged
red: 185227-185736, 6865 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 184718-185227, 6866 profiles averaged
red: 185227-185736, 6865 profiles averaged

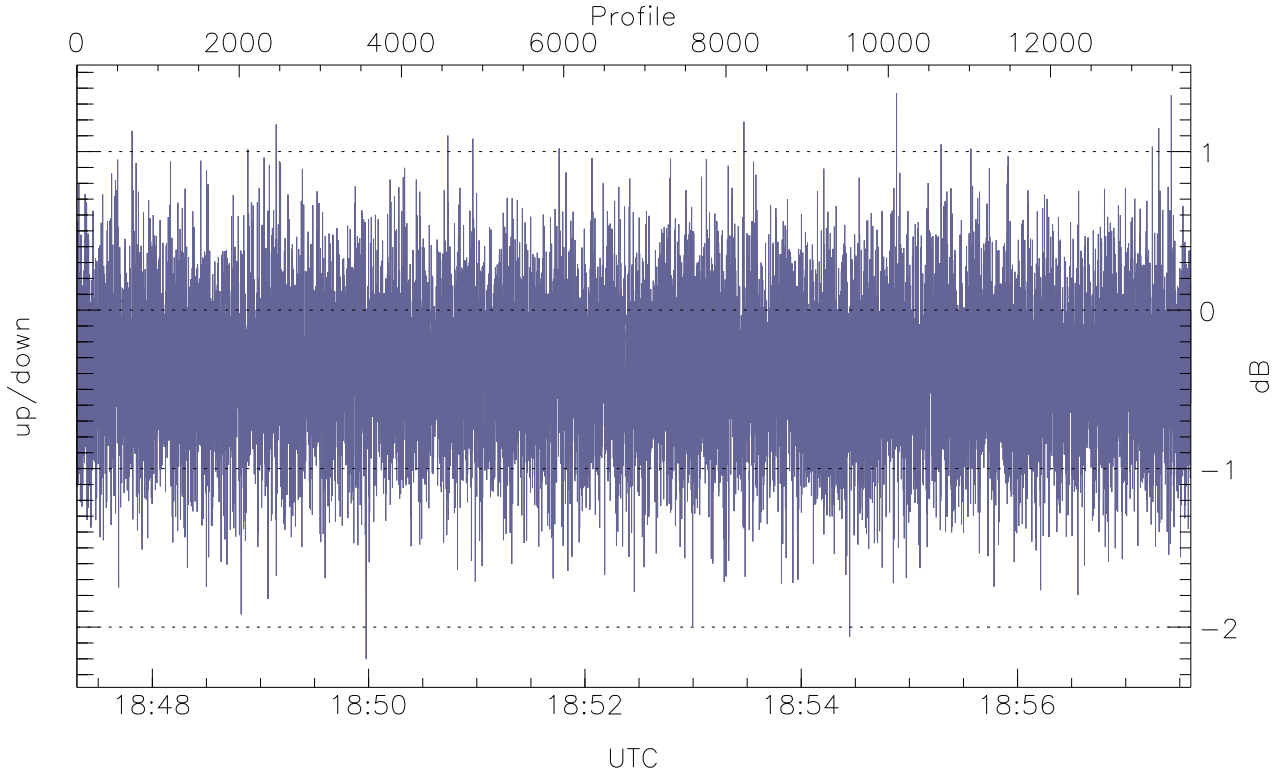


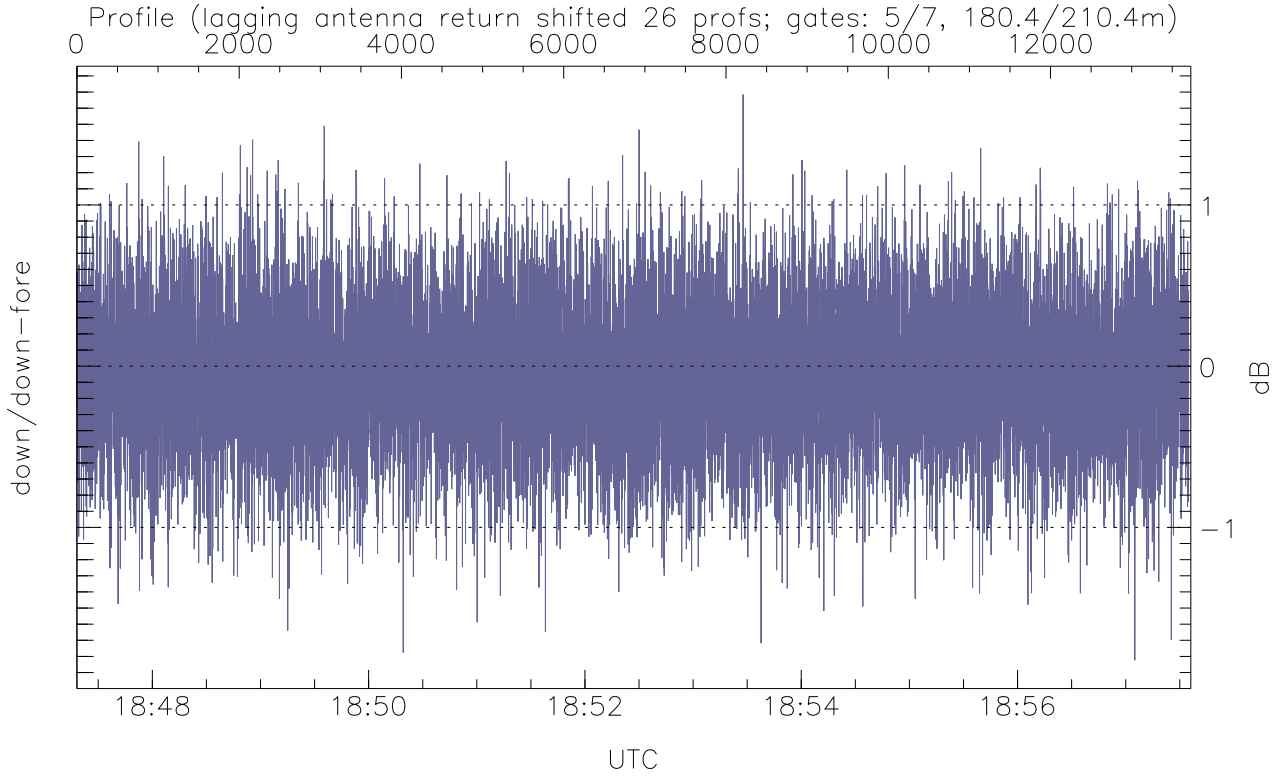
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

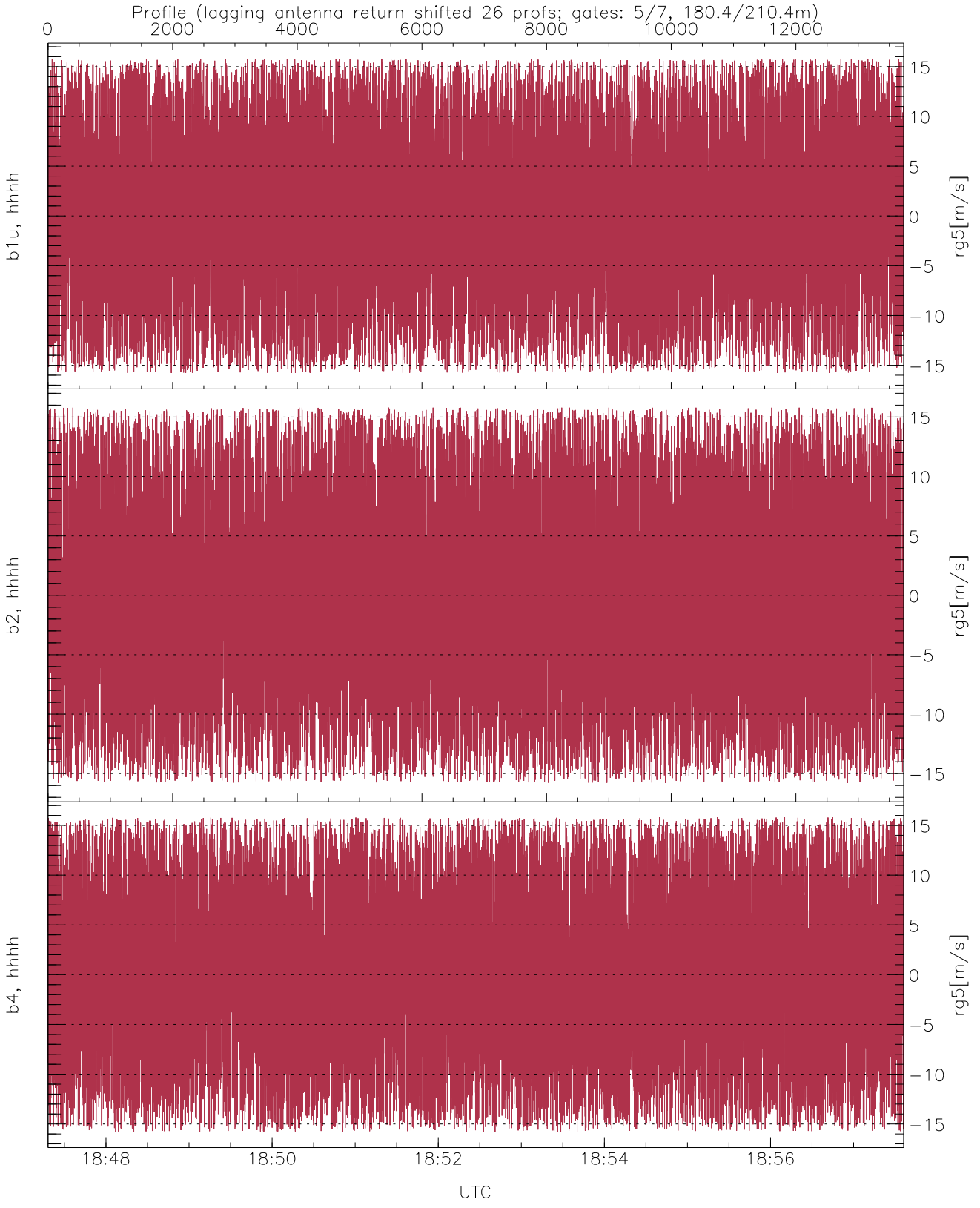
	Min	Max	Mean
up(hh[dBm])	-66.64	-64.27	-65.38
down(hh[dBm])	-66.34	-63.89	-65.01
down-fore(hh[dBm])	-66.34	-63.89	-64.97





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

	Min	Max	Mean
up/down(dB)	-2.20	1.37	-0.37
down/down-fore(dB)	-1.82	1.68	-0.05



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.04	8.51
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.08	8.55
b4, hhhh(rg5[m/s])	-15.78	15.79	0.05	8.59