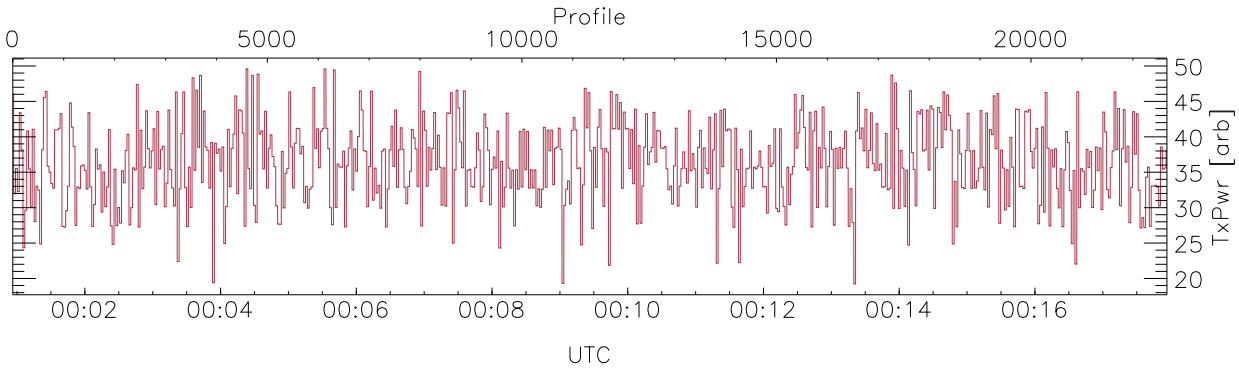
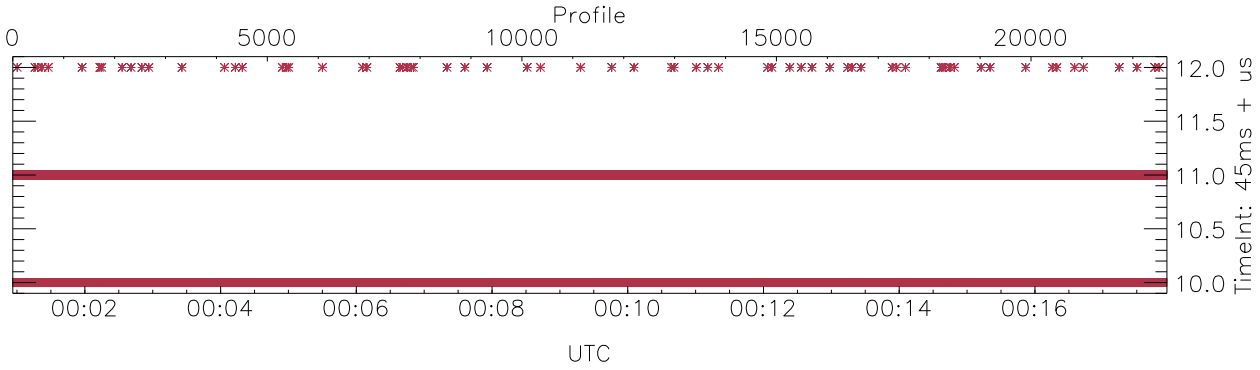
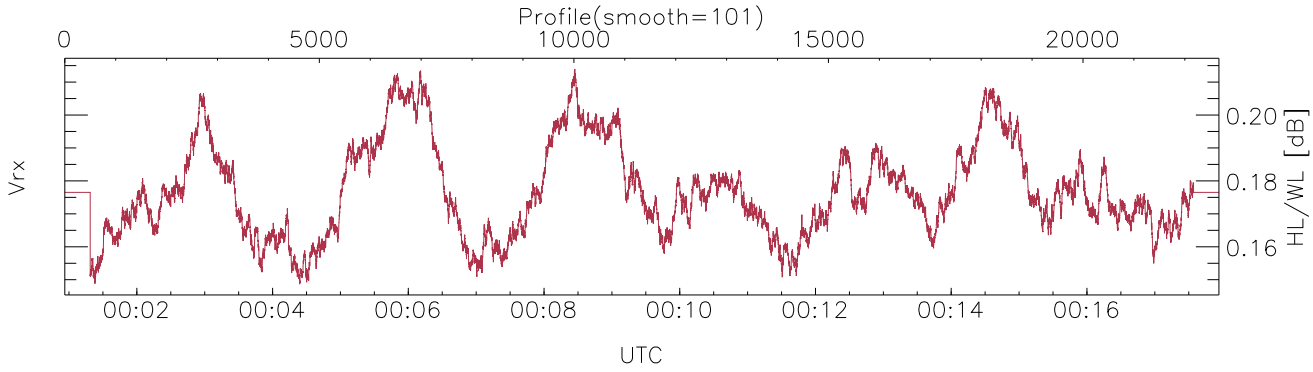
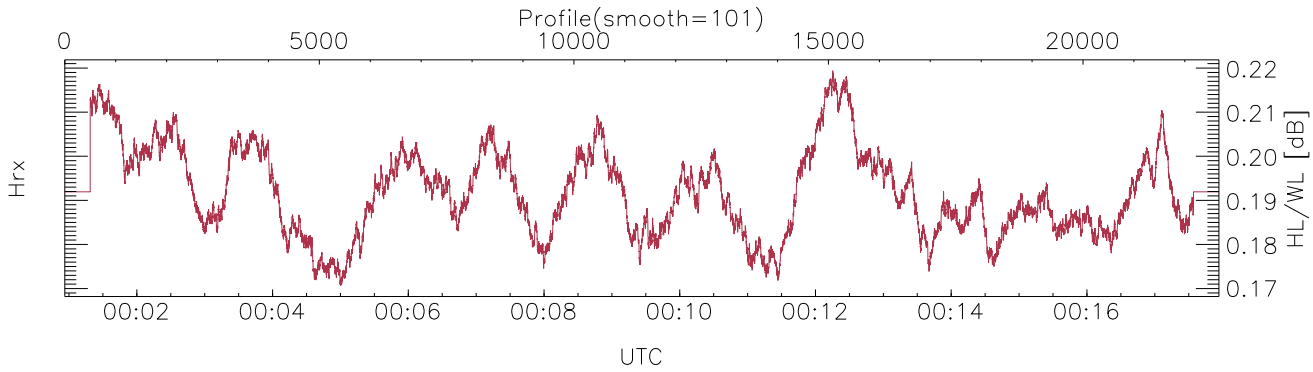


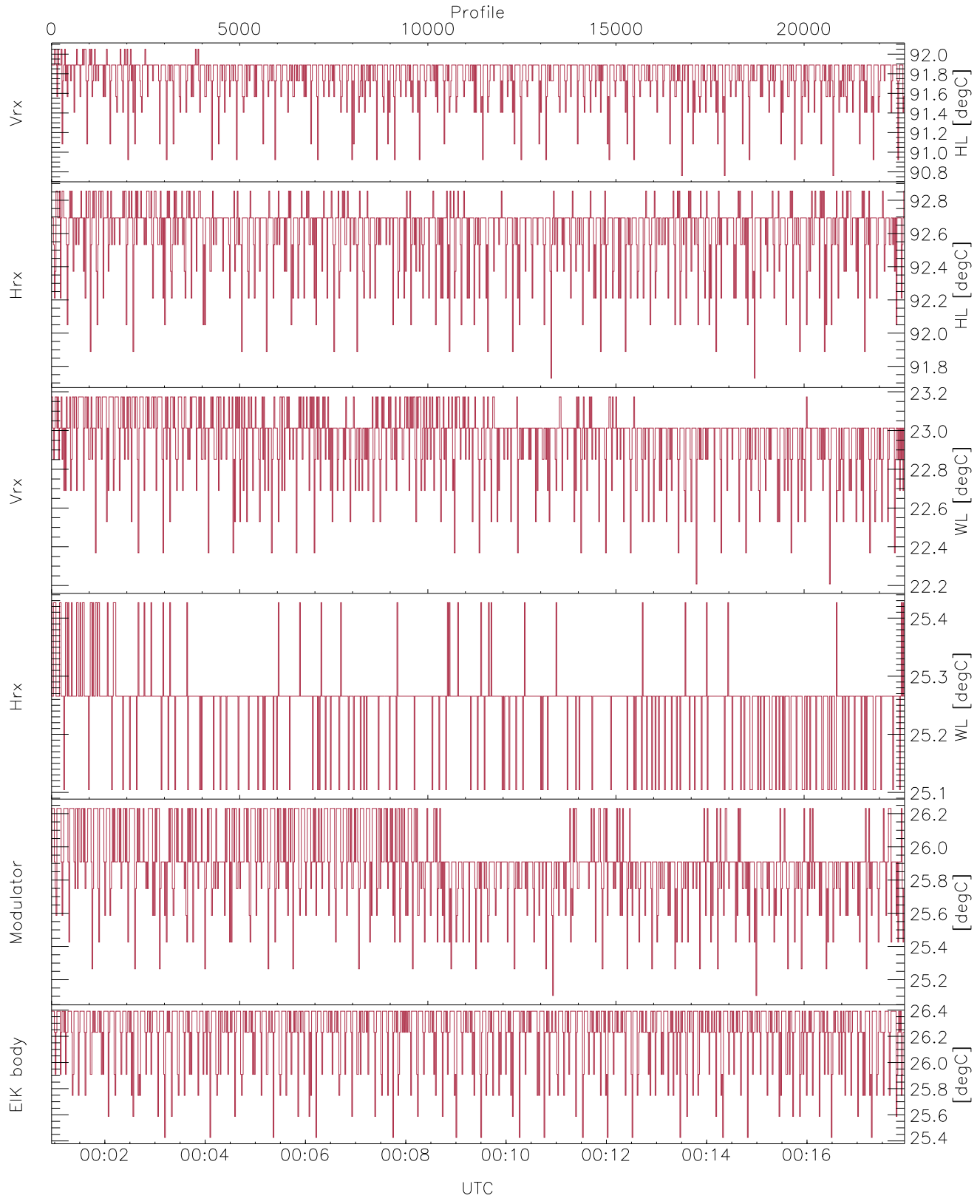






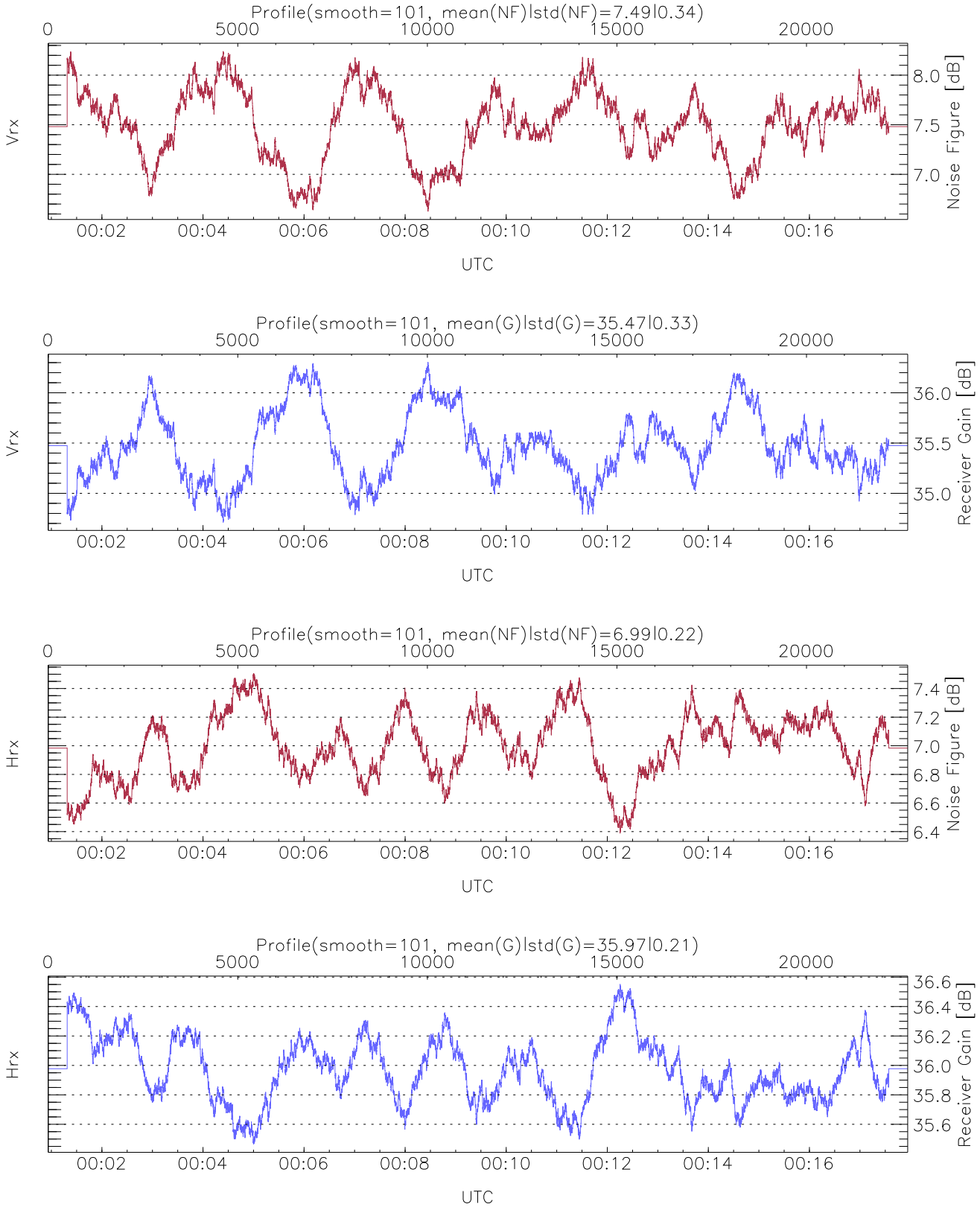
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:00:56-00:17:57, 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, 0-22671/00:00:56-00:17:57
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



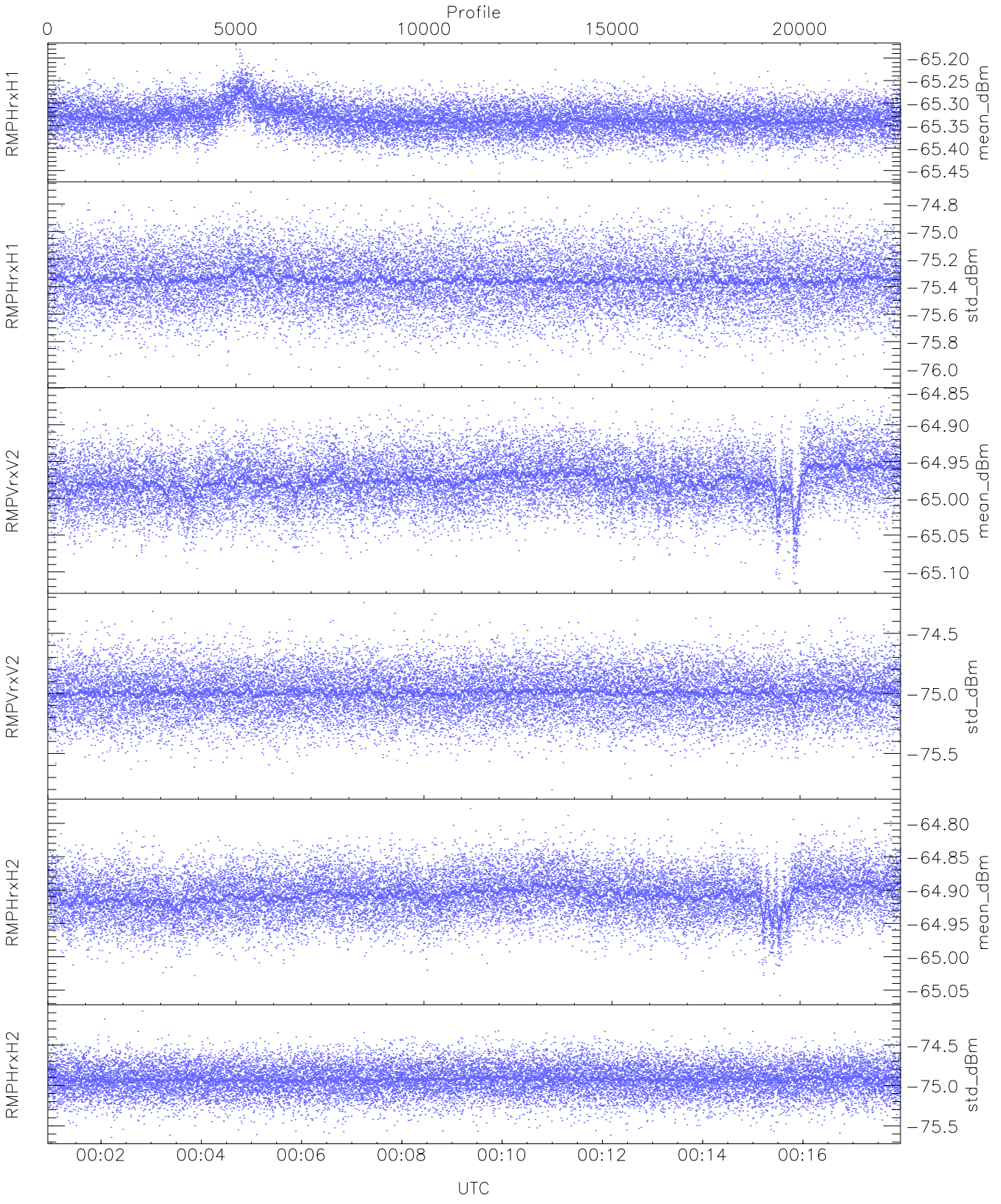
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,26,26
LOalarm(20,240,2817,14861 MHz): 0,0,24,0
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



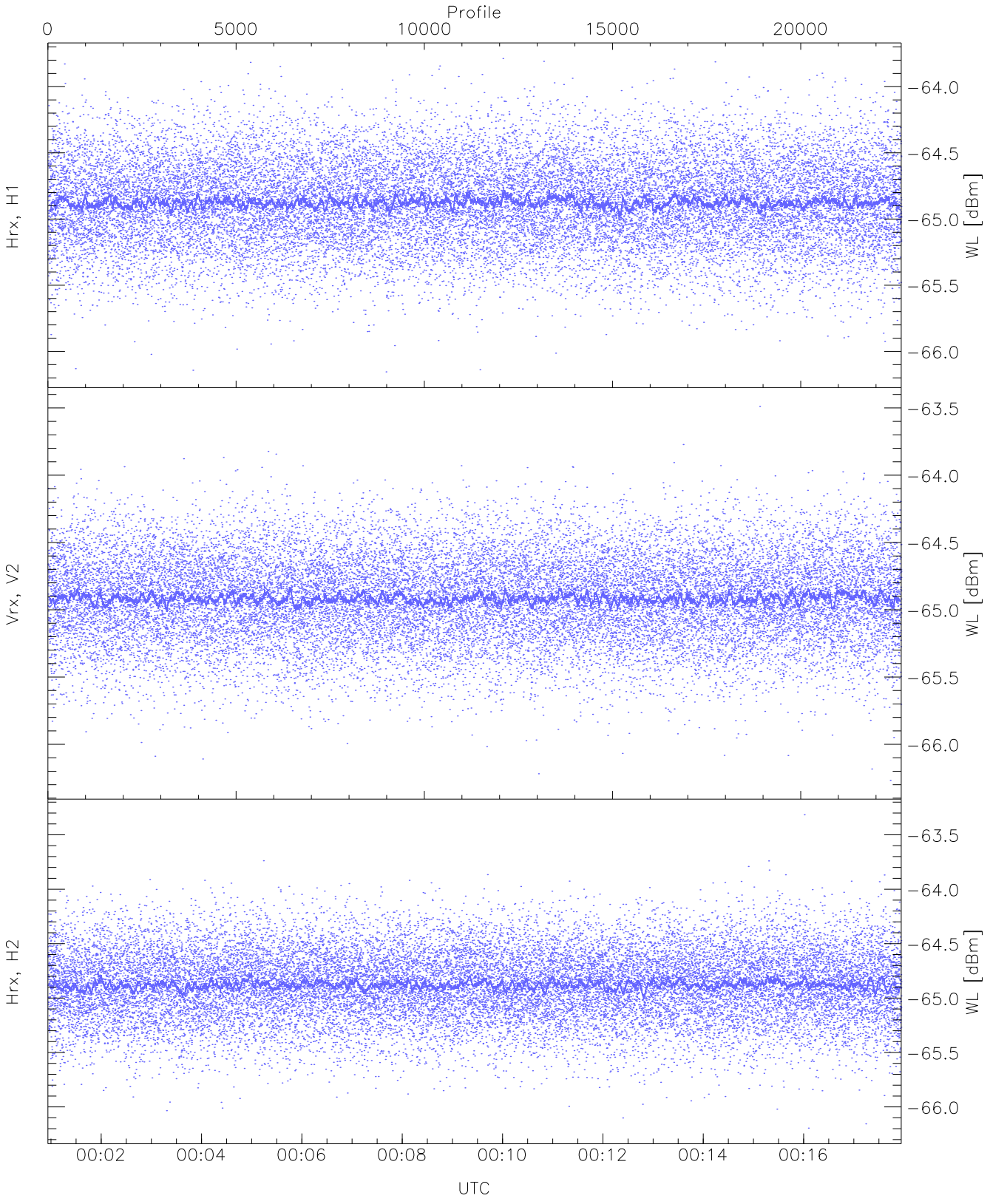
WCR3 CPP Receivers Gain and Noise Figure

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



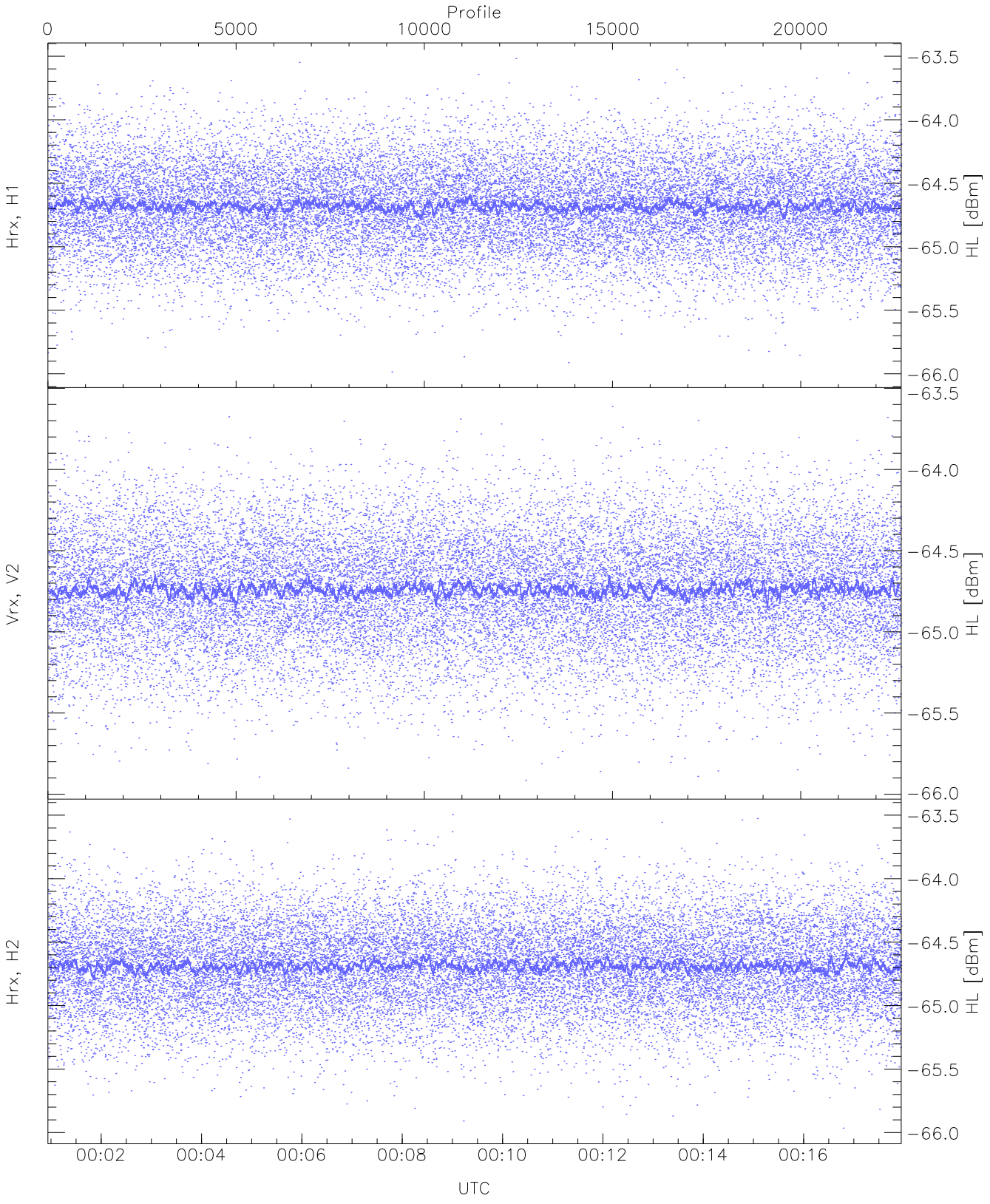
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.46	-65.18	-65.33	-65.34	-86.61
RMPHrxH1(std_dBm)	-76.07	-74.71	-75.35	-75.35	-89.15
RMPVrxV2(mean_dBm)	-65.12	-64.86	-64.98	-64.98	-86.29
RMPVrxV2(std_dBm)	-75.80	-74.24	-74.99	-74.99	-88.80
RMPHrxH2(mean_dBm)	-65.06	-64.78	-64.91	-64.91	-86.31
RMPHrxH2(std_dBm)	-75.64	-74.08	-74.92	-74.93	-88.74



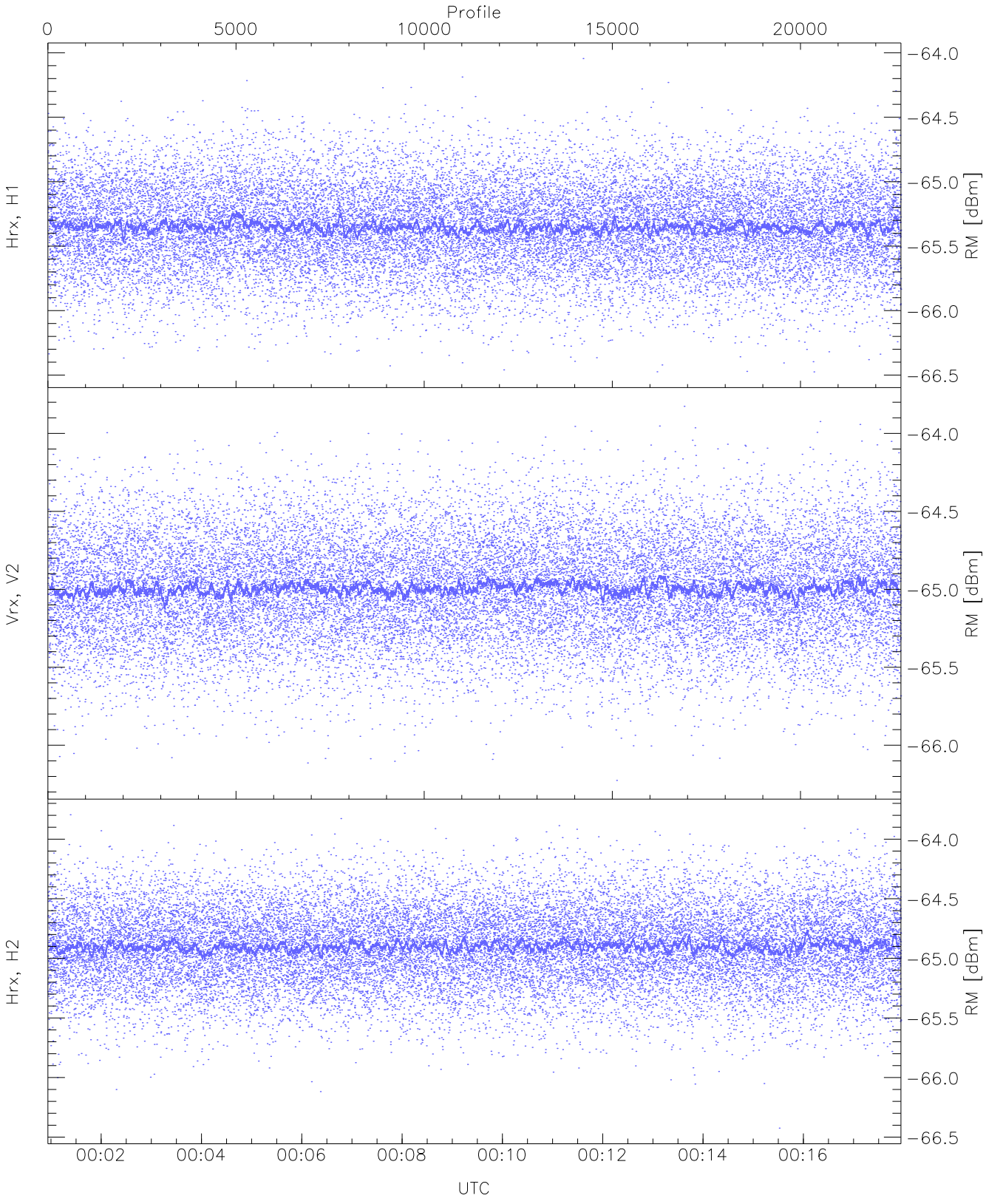
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.16	-63.79	-64.87	-64.88	-76.38
Vrx, V2(WL [dBm])	-66.27	-63.49	-64.91	-64.91	-76.44
Hrx, H2(WL [dBm])	-66.19	-63.32	-64.87	-64.88	-76.36



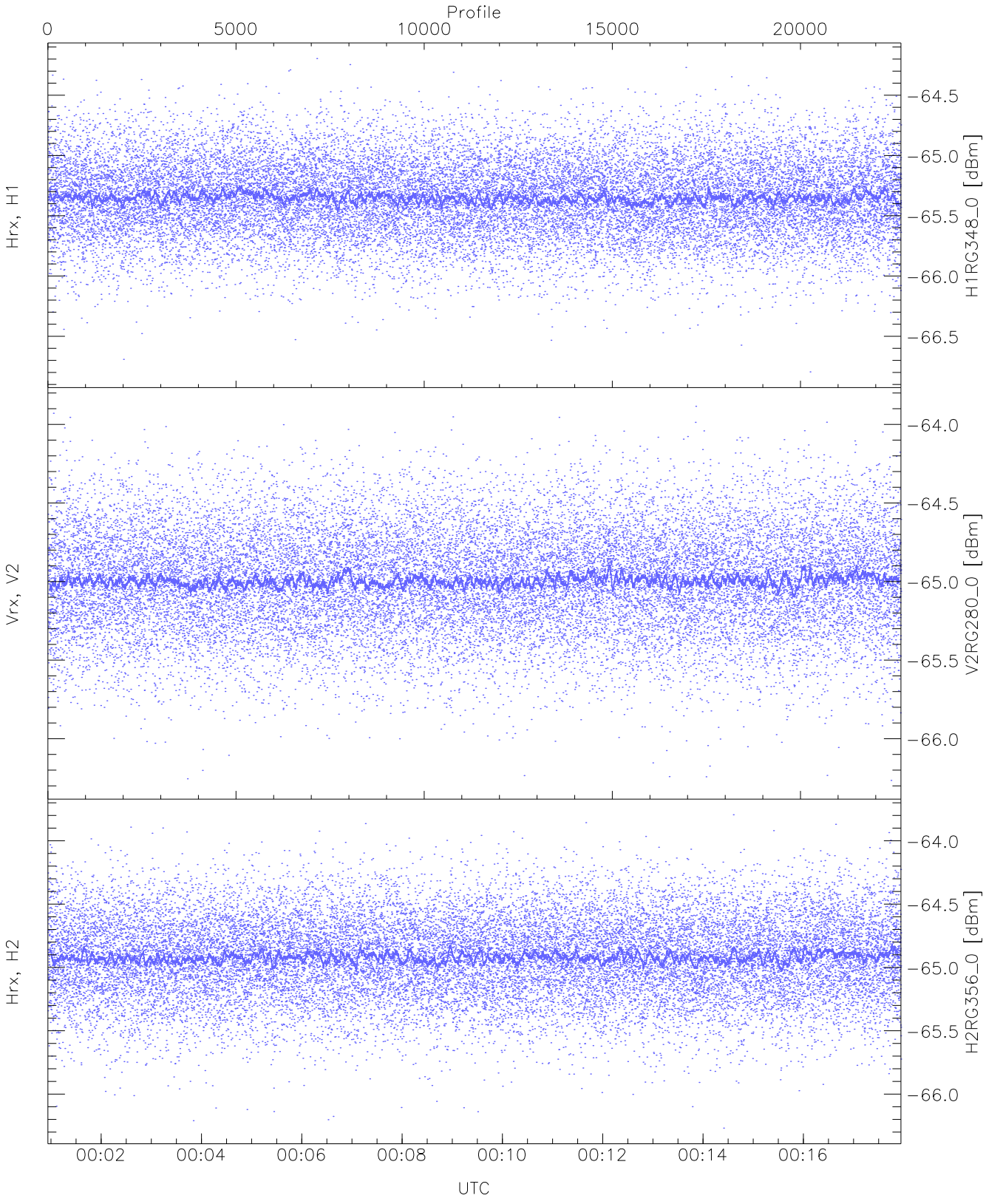
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.99	-63.52	-64.67	-64.68	-76.16
Vrx, V2(HL [dBm])	-65.91	-63.61	-64.73	-64.74	-76.26
Hrx, H2(HL [dBm])	-65.96	-63.50	-64.68	-64.69	-76.17



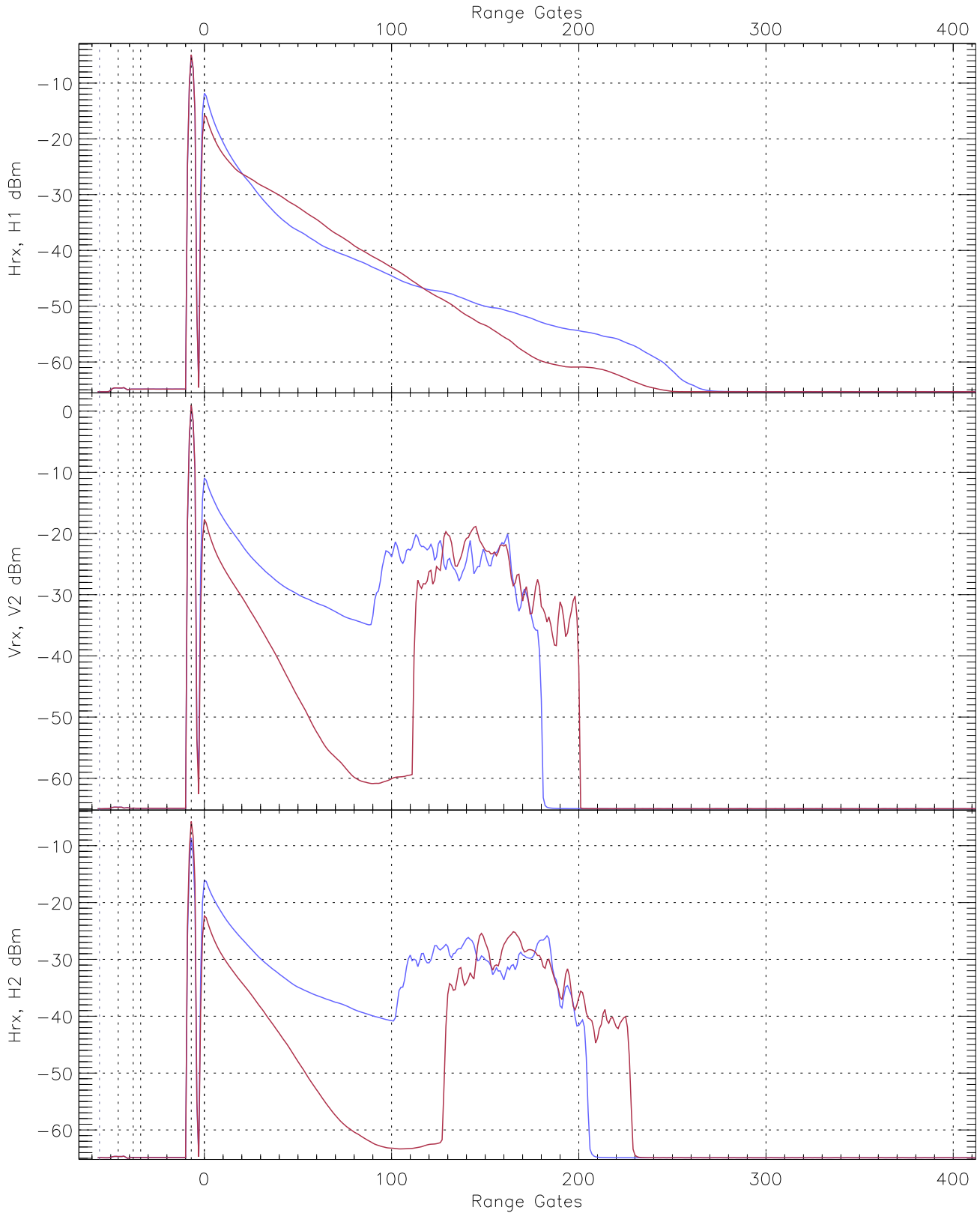
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.48	-64.05	-65.34	-65.35	-76.83
Vrx, V2(RM [dBm])	-66.23	-63.83	-64.99	-65.00	-76.48
Hrx, H2(RM [dBm])	-66.42	-63.80	-64.89	-64.90	-76.39

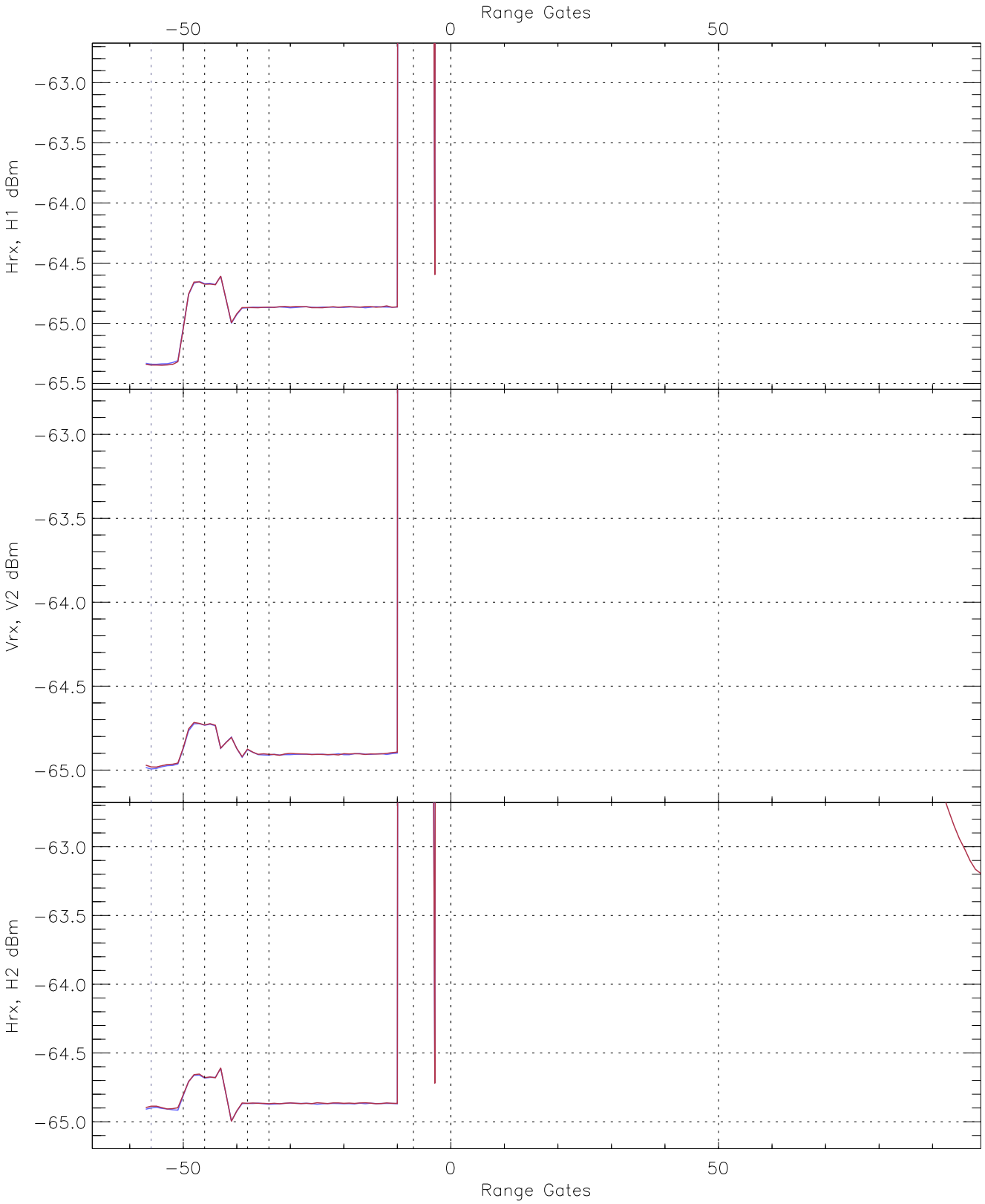


WCR3 CPP "Best" estimate Receivers Noise Power

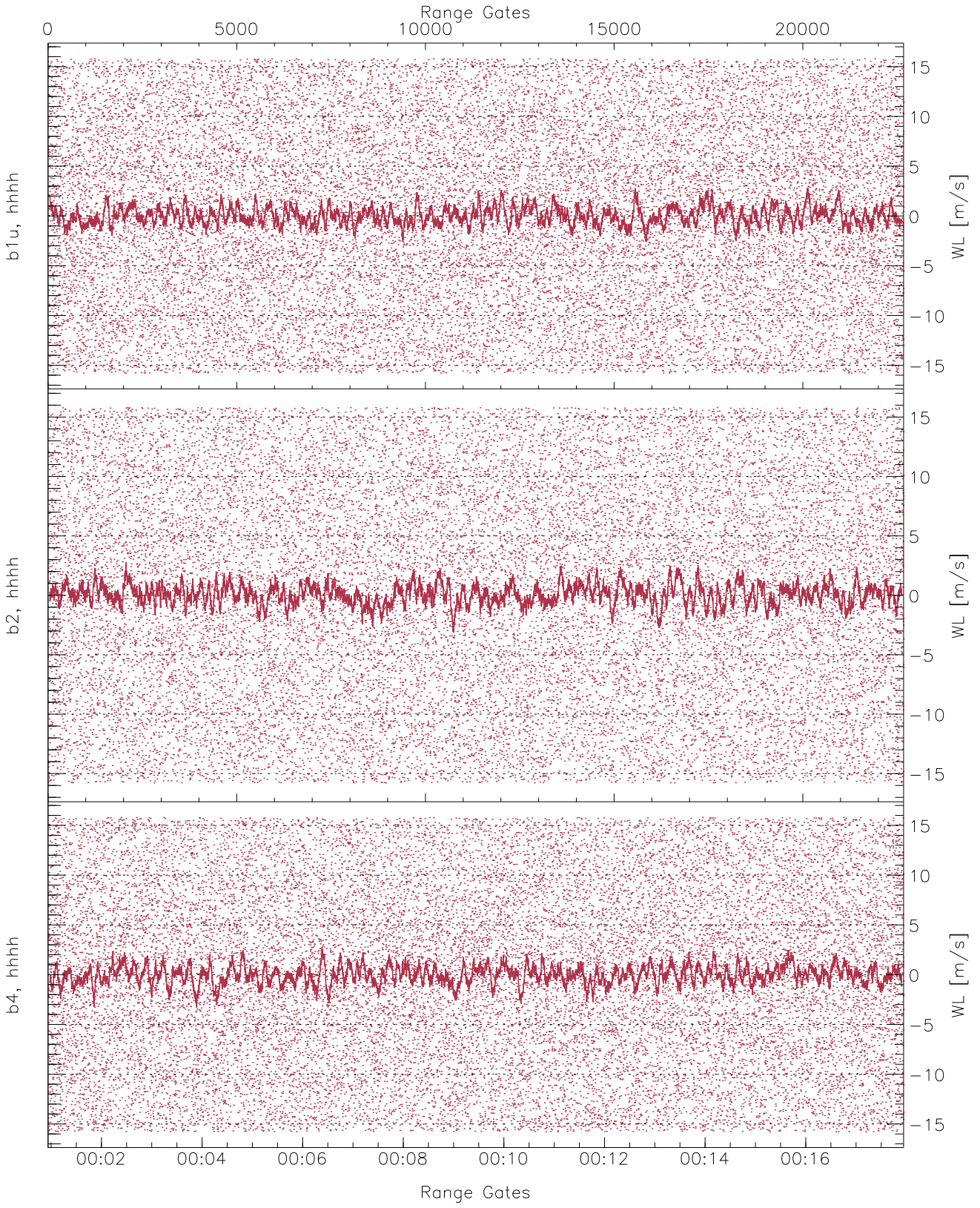
	Min	Max	Mean	Median	StDev
H1RG348_0 [dBm]	-66.80	-64.20	-65.34	-65.35	-76.89
V2RG280_0 [dBm]	-66.27	-63.88	-64.99	-65.00	-76.48
H2RG356_0 [dBm]	-66.27	-63.79	-64.91	-64.92	-76.42



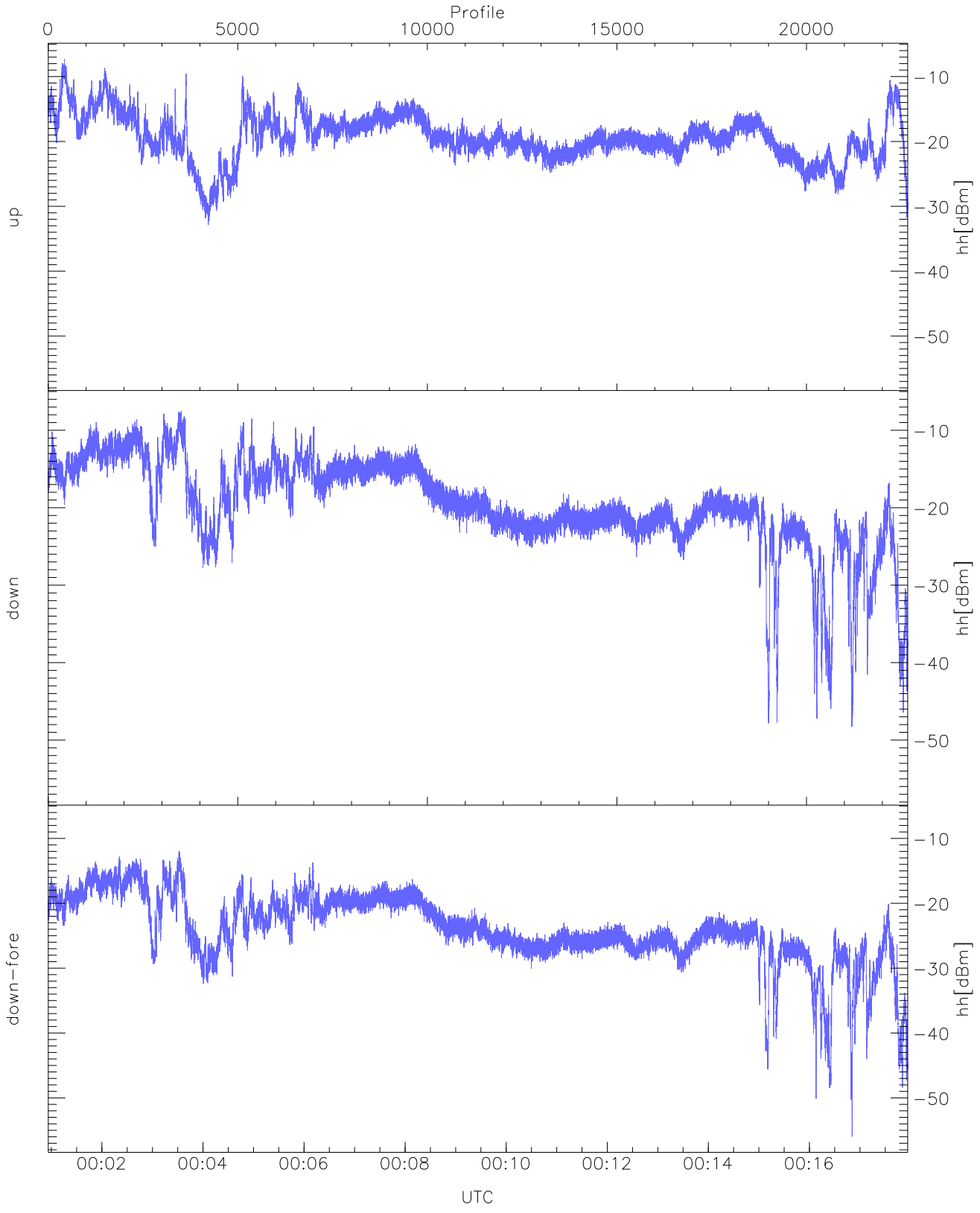
WCR3 CPP Averaged Received power for all recorded gates
blue: 000056-000927, 11337 profiles averaged
red: 000927-001757, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 000056-000927, 11337 profiles averaged
red: 000927-001757, 11336 profiles averaged

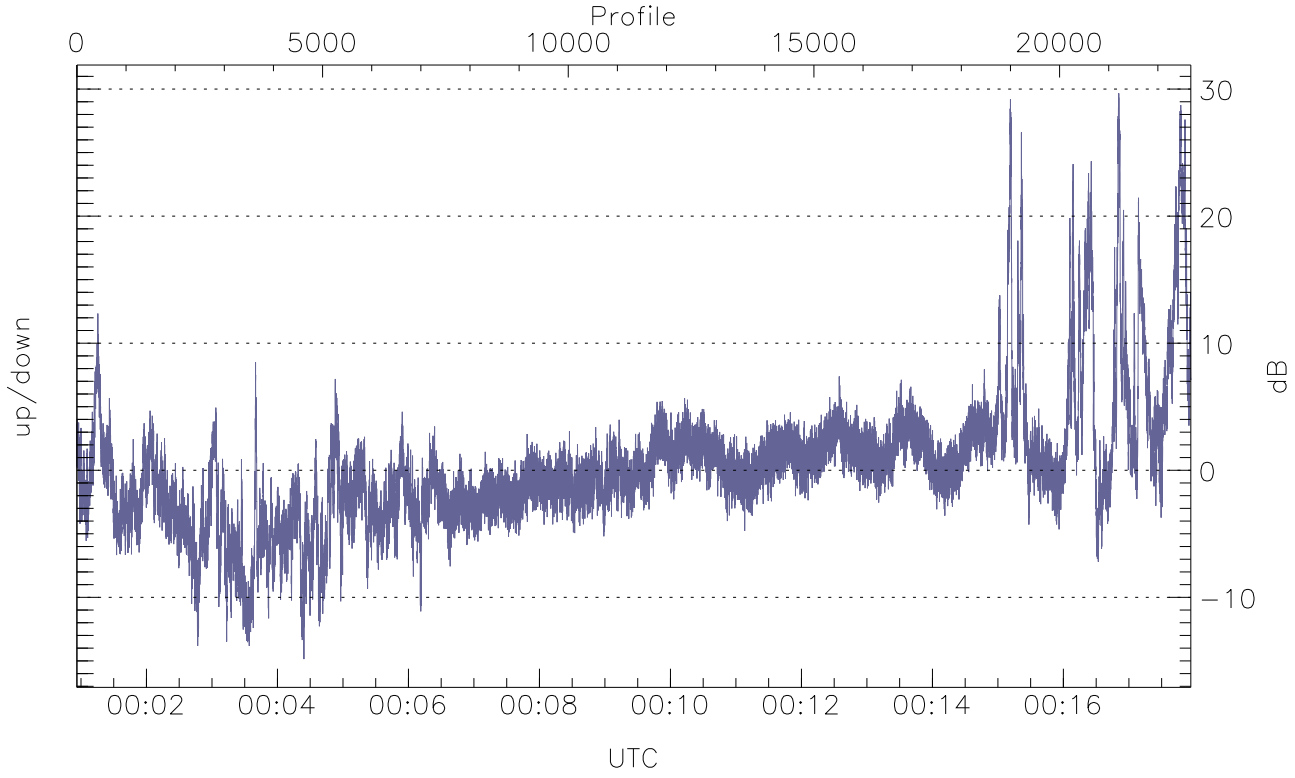


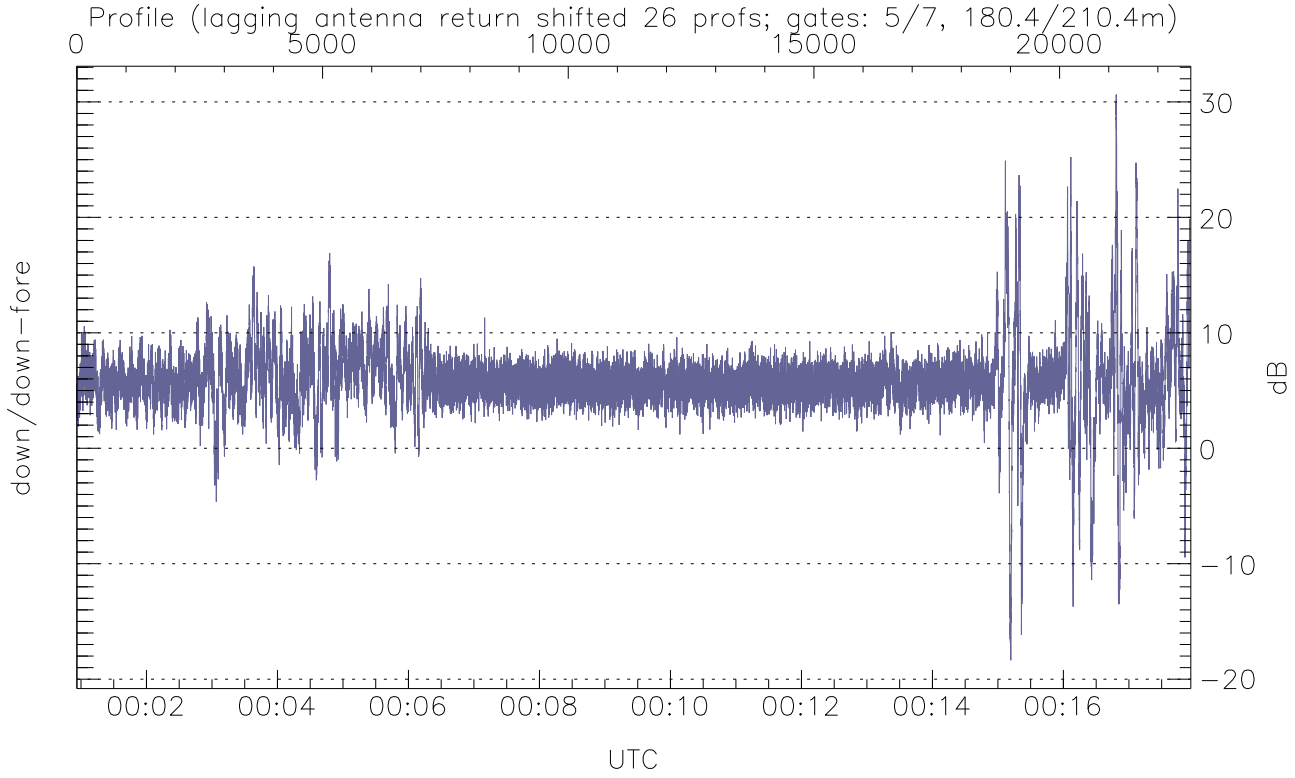
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

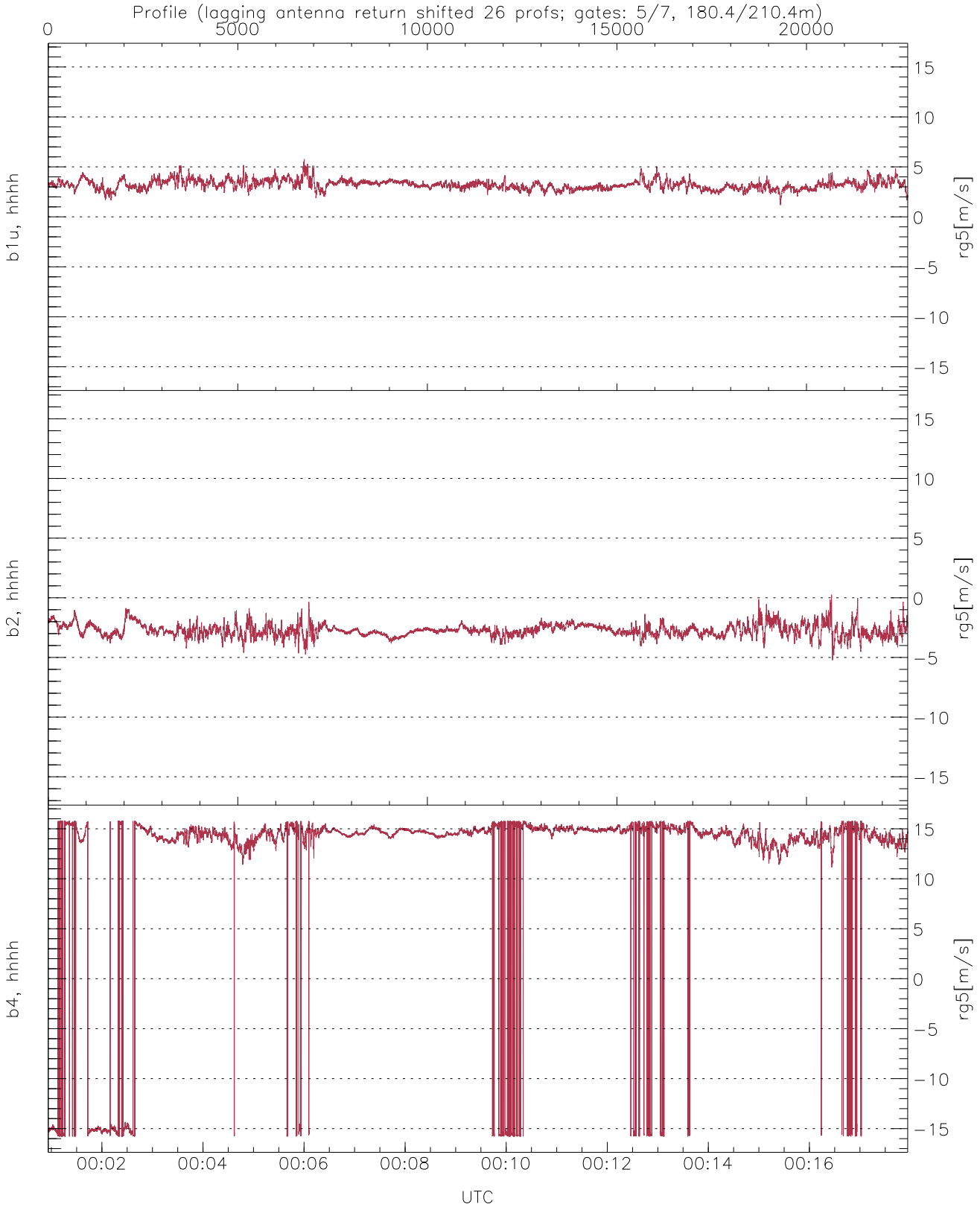
	Min	Max	Mean
up(hh[dBm])	-32.88	-7.29	-18.01
down(hh[dBm])	-48.30	-7.50	-16.87
down-fore(hh[dBm])	-55.96	-11.93	-21.58





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

	Min	Max	Mean
up/down(dB)	-14.86	29.66	0.30
down/down-fore(dB)	-18.36	30.64	5.85



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.18	5.77	3.22	0.48
b2, hhhh(rg5[m/s])	-5.23	0.26	-2.72	0.53
b4, hhhh(rg5[m/s])	-15.79	15.79	11.53	9.02