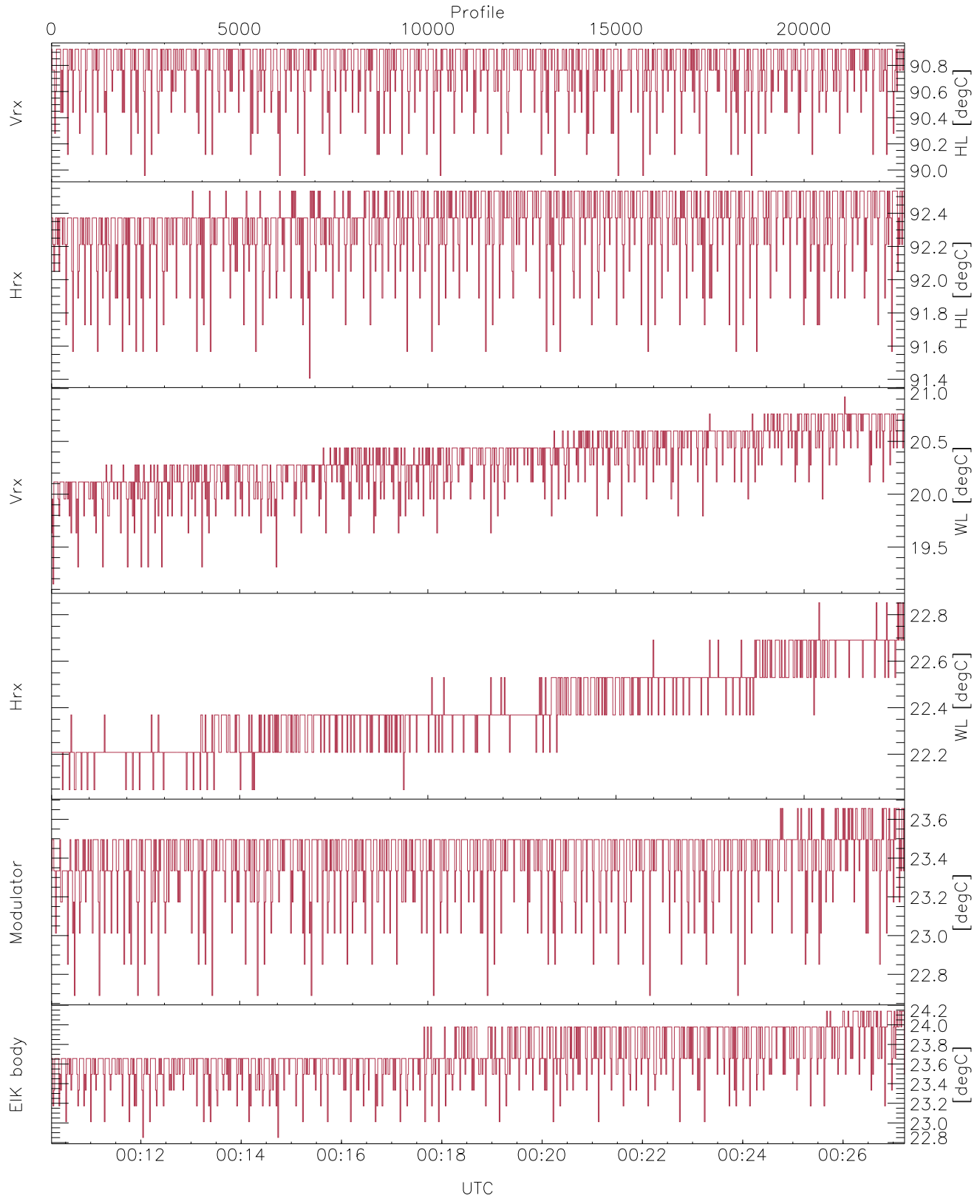
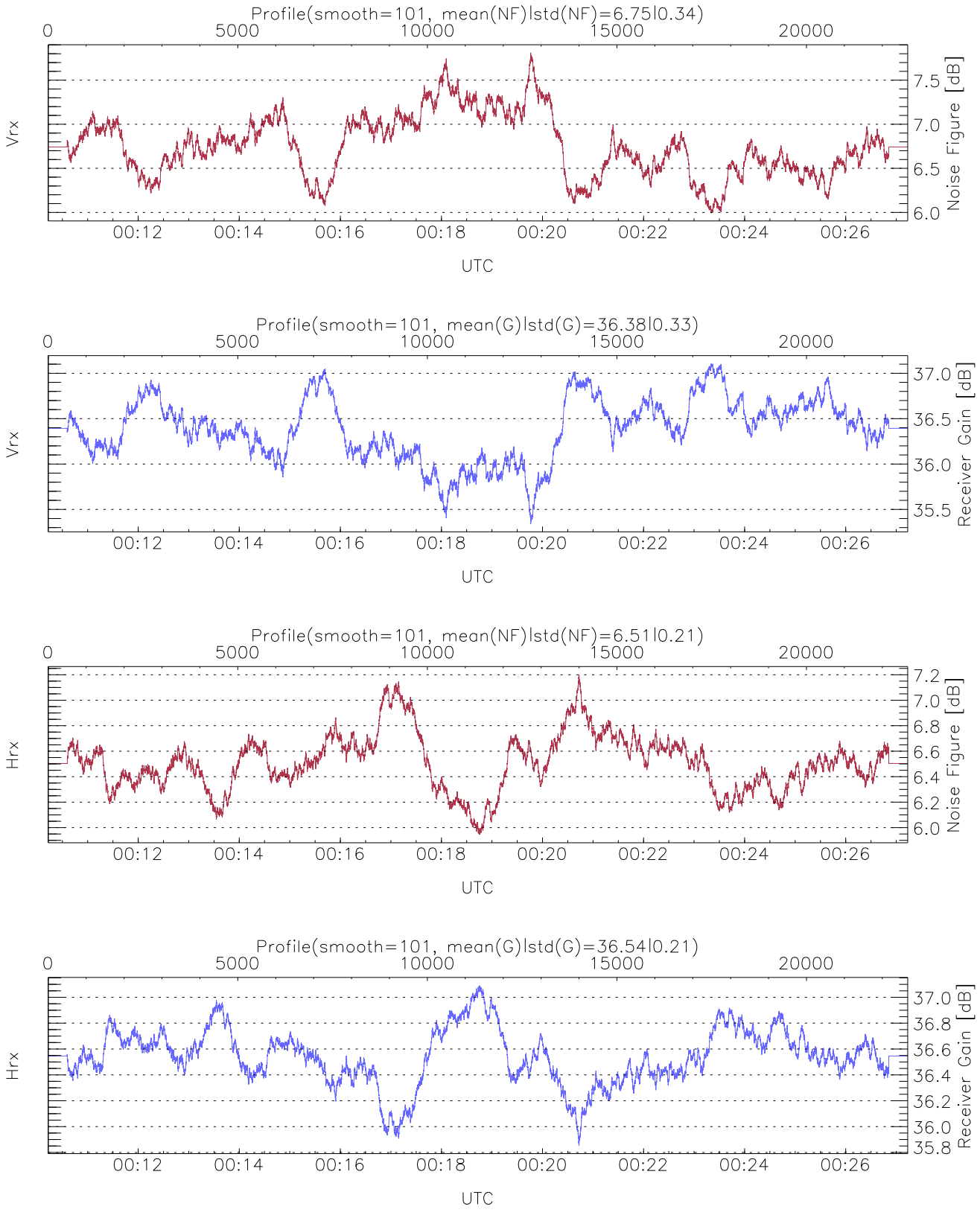
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 00:10:13-00:27:14, 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, 0-22671/00:10:13-00:27:14
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



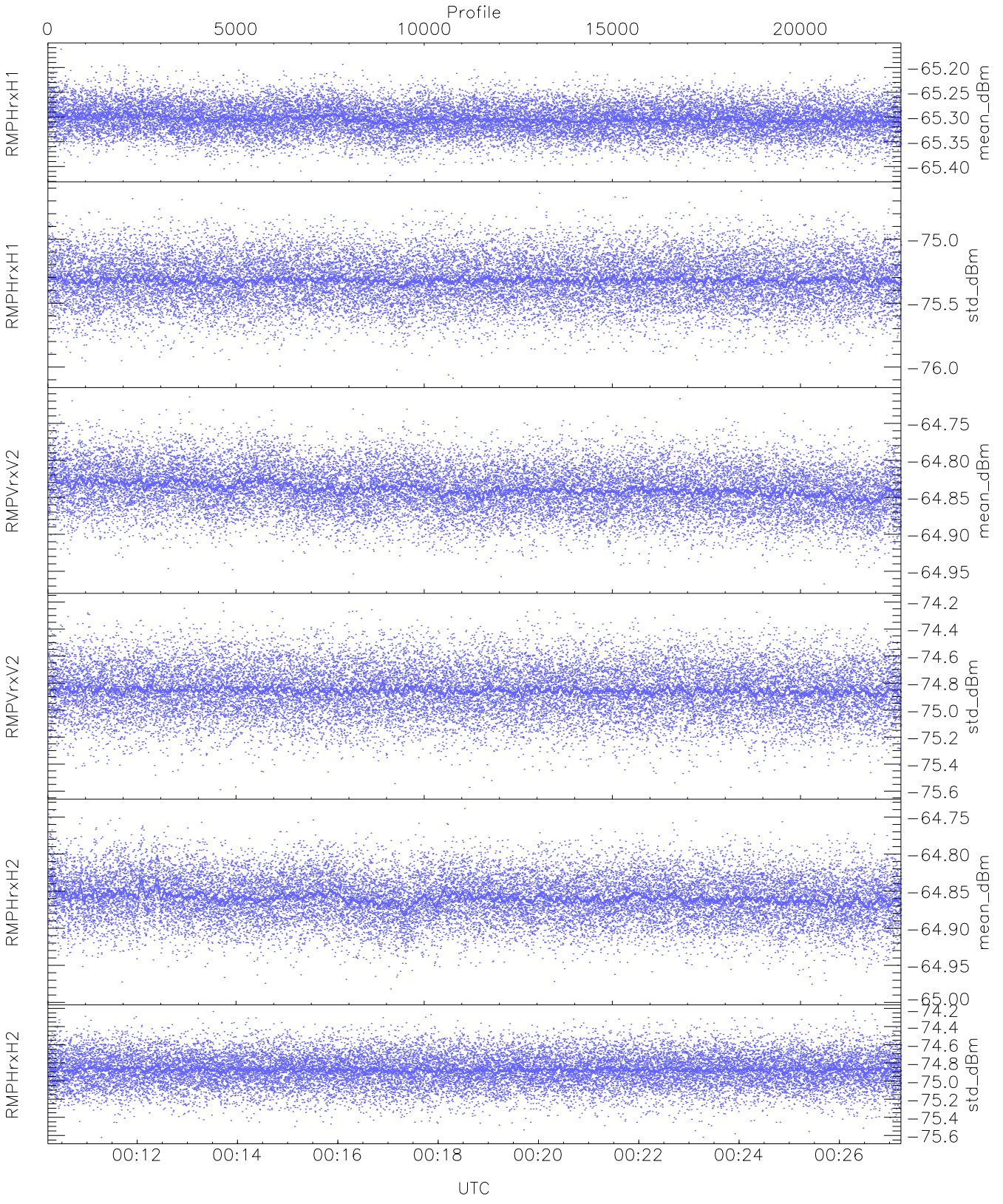
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 89,91,19,22,22,22
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,20,22,23,24
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (48,48,48,48,48,48)



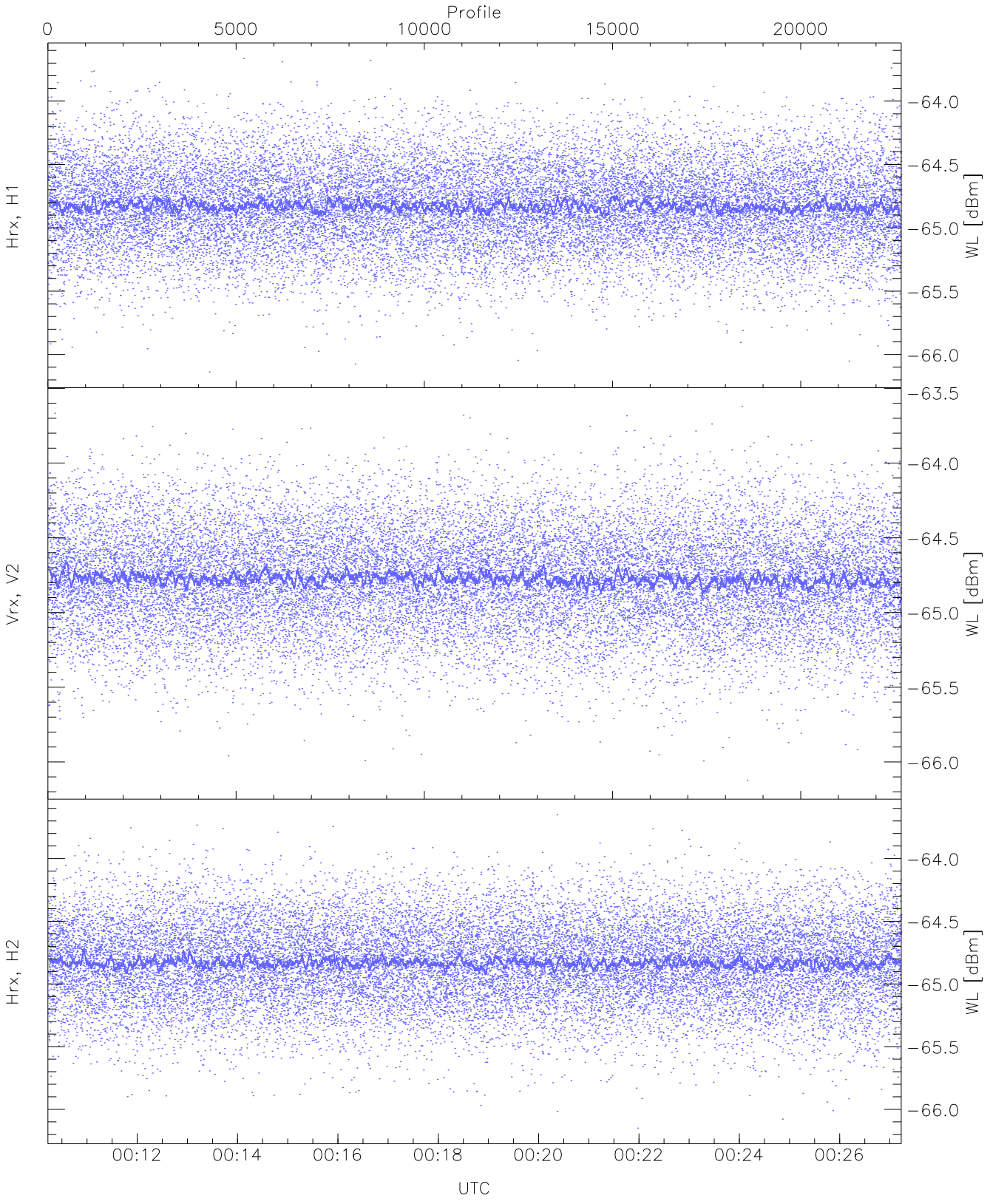
WCR3 CPP Receivers Gain and Noise Figure

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



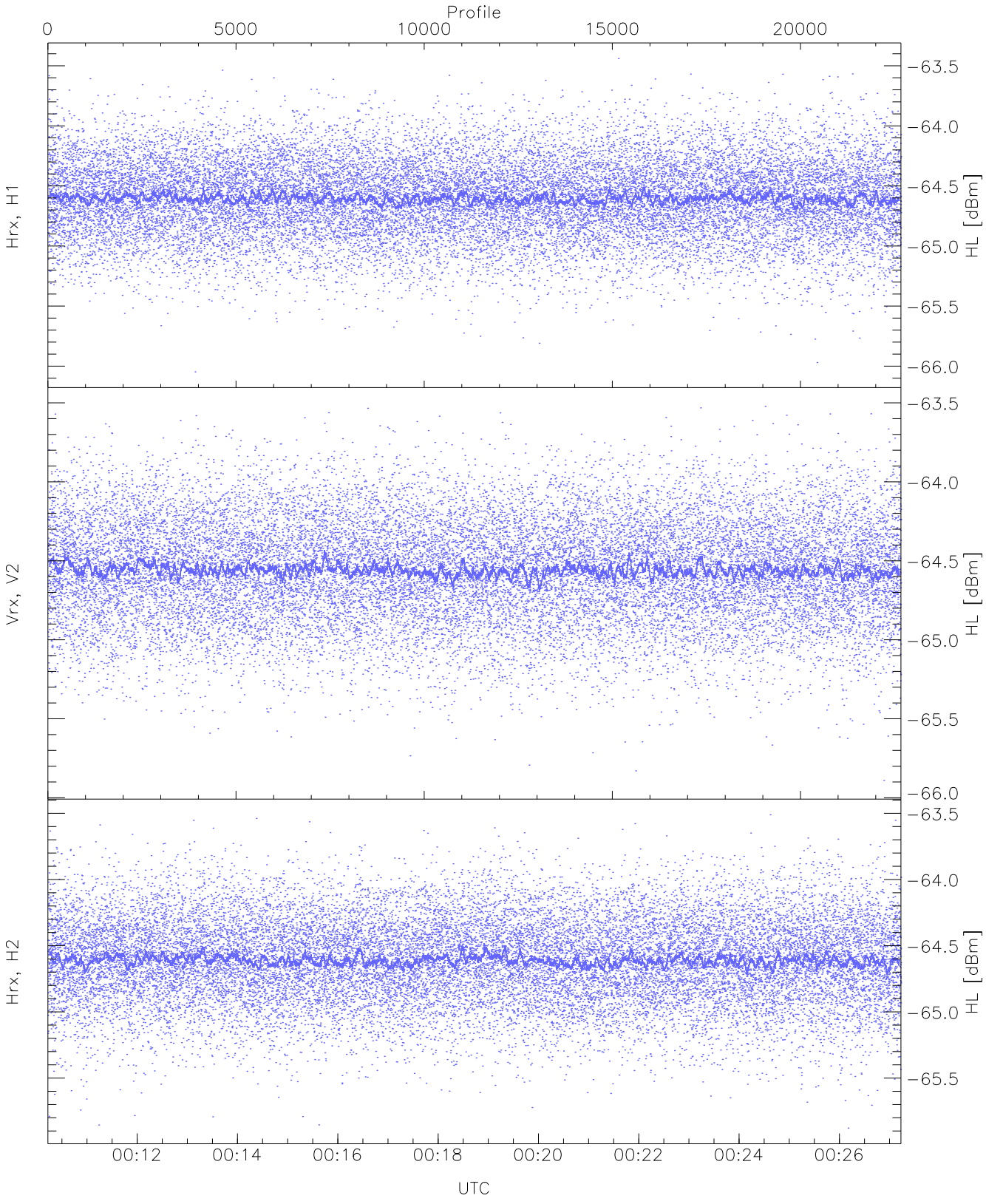
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.16	-65.30	-65.30	-86.87
RMPHrxH1(std_dBm)	-76.09	-74.62	-75.32	-75.32	-89.11
RMPVrxV2(mean_dBm)	-64.97	-64.71	-64.84	-64.84	-86.33
RMPVrxV2(std_dBm)	-75.59	-74.20	-74.85	-74.86	-88.62
RMPHrxH2(mean_dBm)	-64.99	-64.74	-64.86	-64.86	-86.40
RMPHrxH2(std_dBm)	-75.62	-74.23	-74.88	-74.88	-88.68



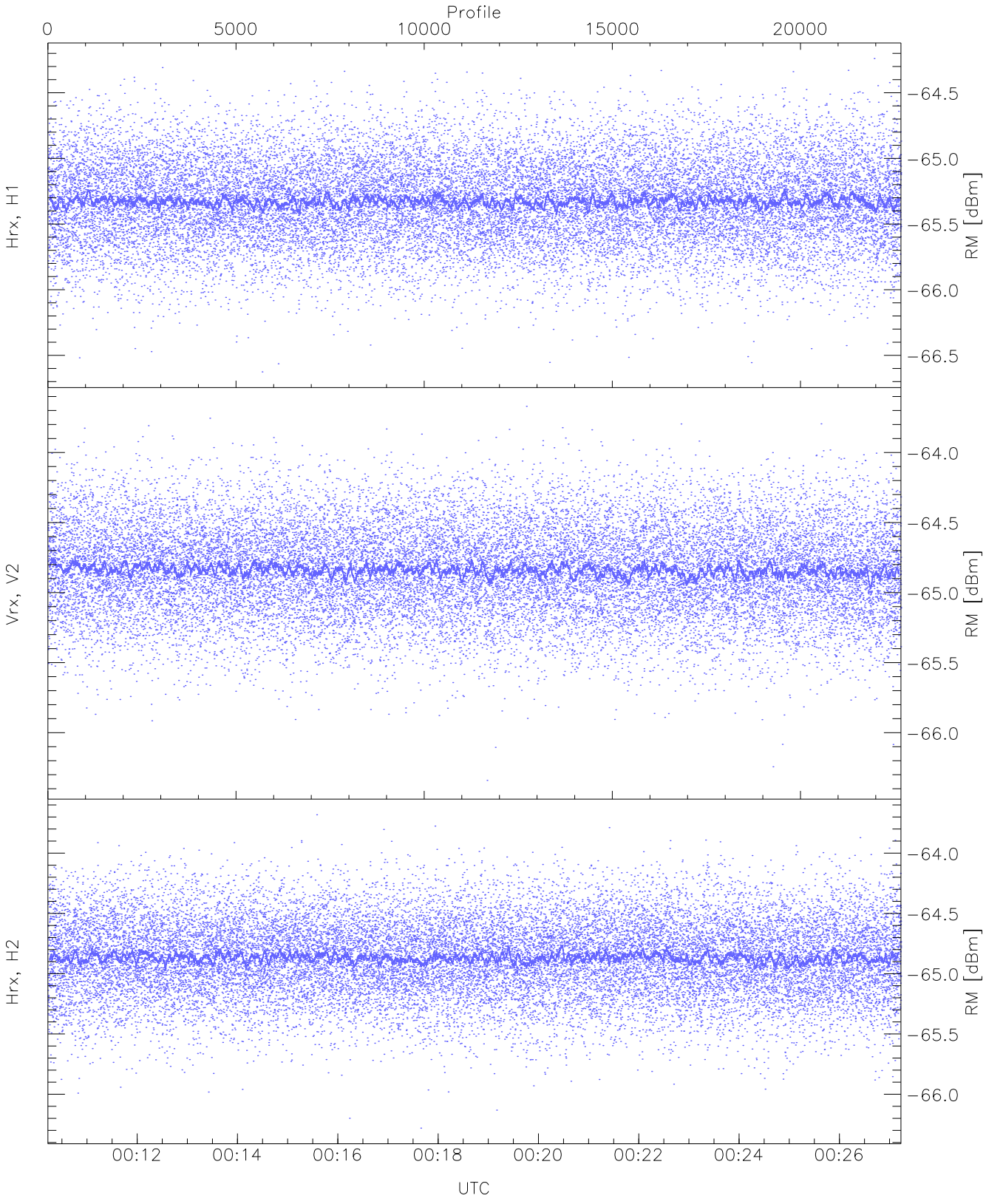
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.14	-63.66	-64.82	-64.83	-76.34
Vrx, V2(WL [dBm])	-66.12	-63.62	-64.77	-64.77	-76.23
Hrx, H2(WL [dBm])	-66.15	-63.65	-64.82	-64.83	-76.31



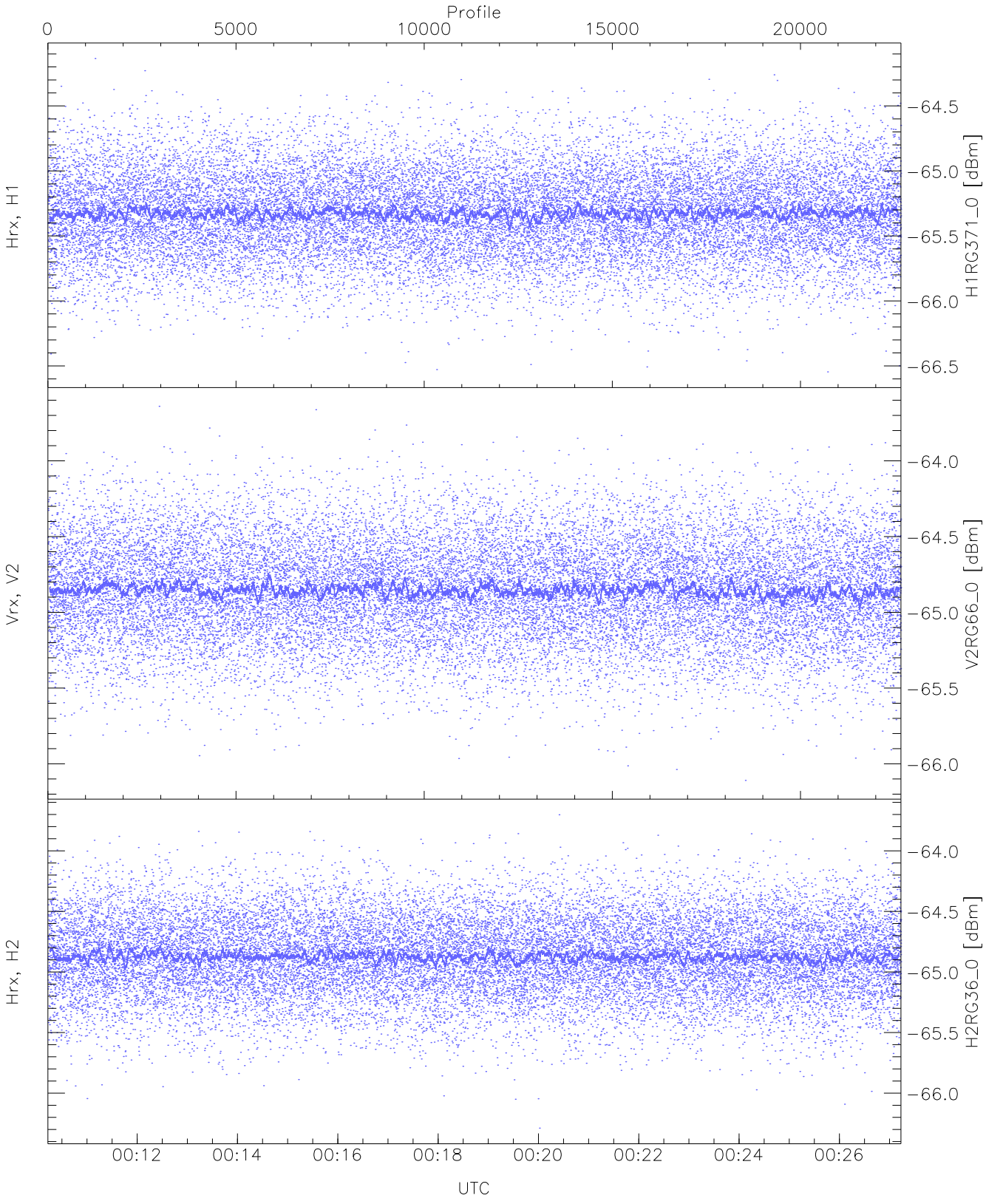
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.05	-63.44	-64.60	-64.60	-76.11
Vrx, V2(HL [dBm])	-65.89	-63.52	-64.55	-64.56	-76.07
Hrx, H2(HL [dBm])	-65.88	-63.51	-64.60	-64.61	-76.13



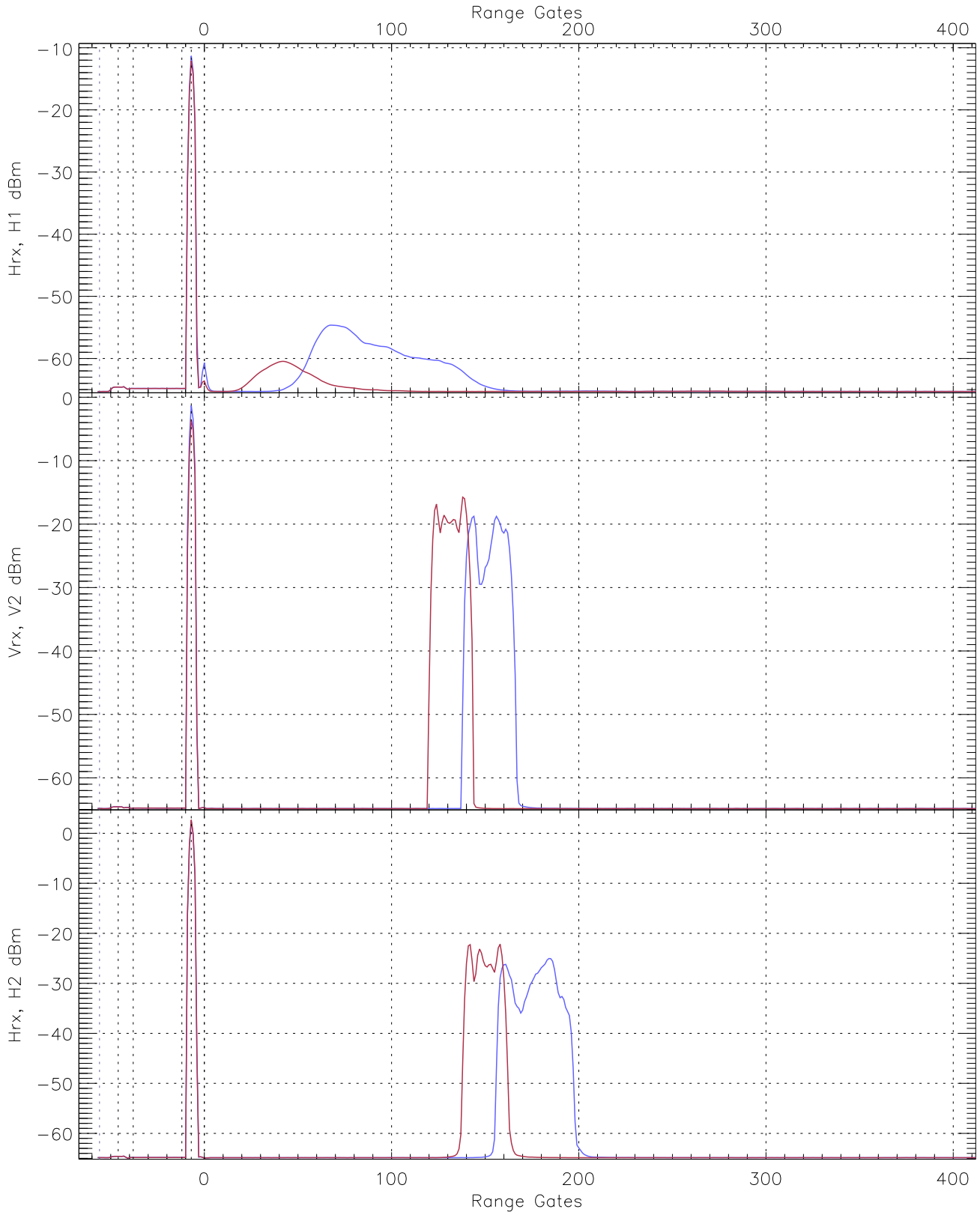
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.63	-64.24	-65.32	-65.33	-76.85
Vrx, V2(RM [dBm])	-66.34	-63.67	-64.83	-64.84	-76.34
Hrx, H2(RM [dBm])	-66.28	-63.68	-64.86	-64.87	-76.37

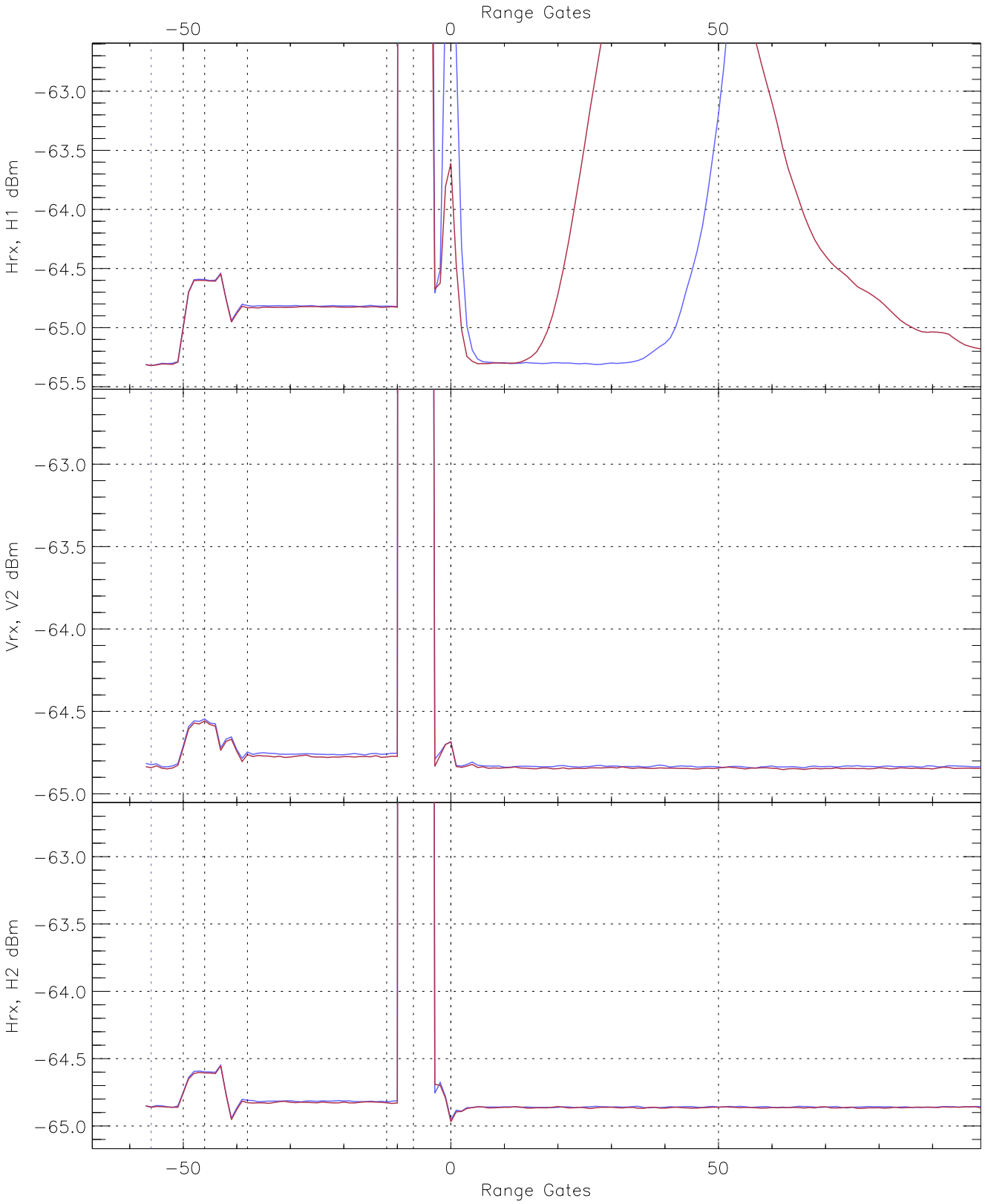


WCR3 CPP "Best" estimate Receivers Noise Power

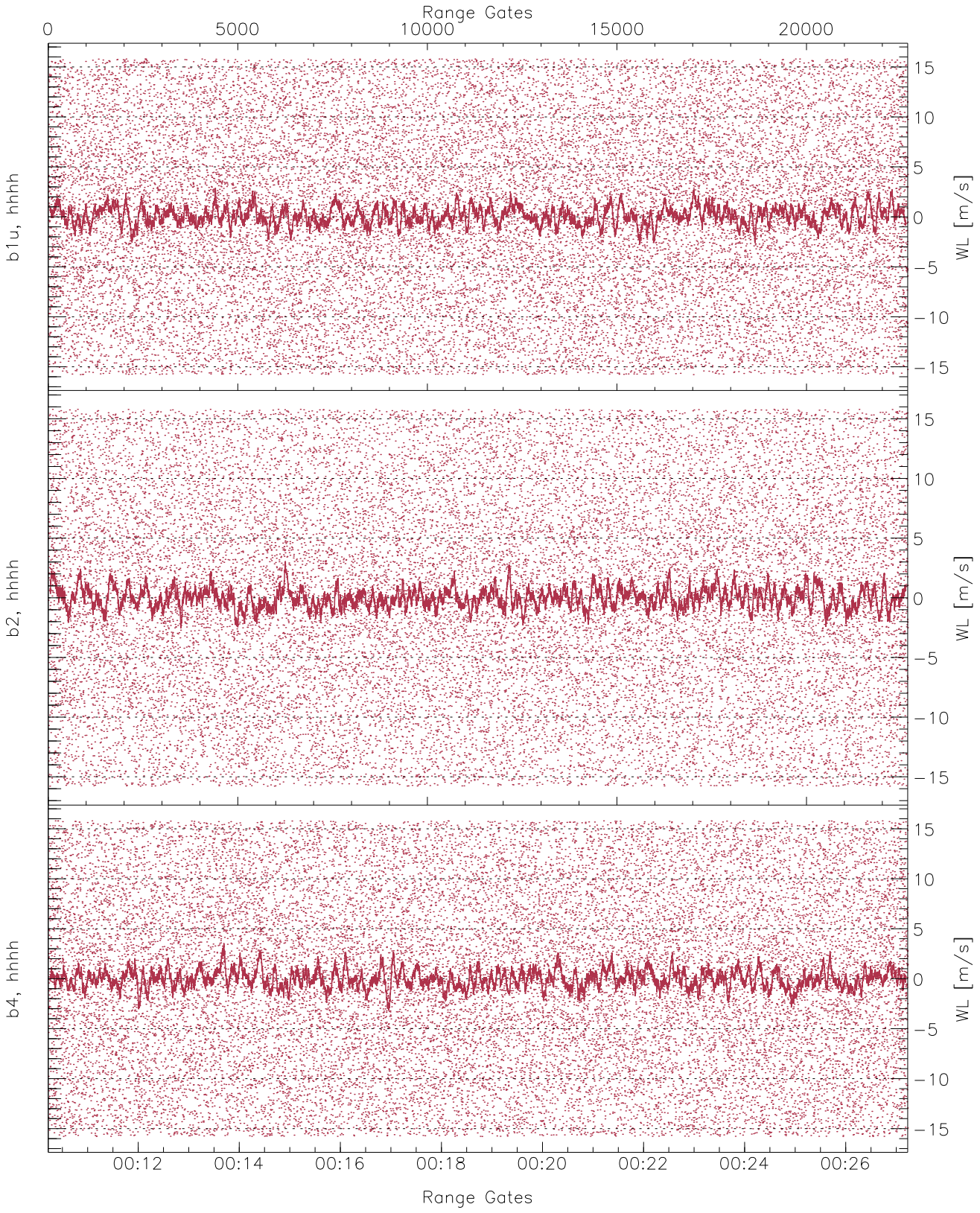
	Min	Max	Mean	Median	StDev
H1RG371_0 [dBm]	-66.55	-64.14	-65.32	-65.33	-76.83
V2RG66_0 [dBm]	-66.11	-63.64	-64.85	-64.86	-76.36
H2RG36_0 [dBm]	-66.29	-63.70	-64.87	-64.87	-76.39



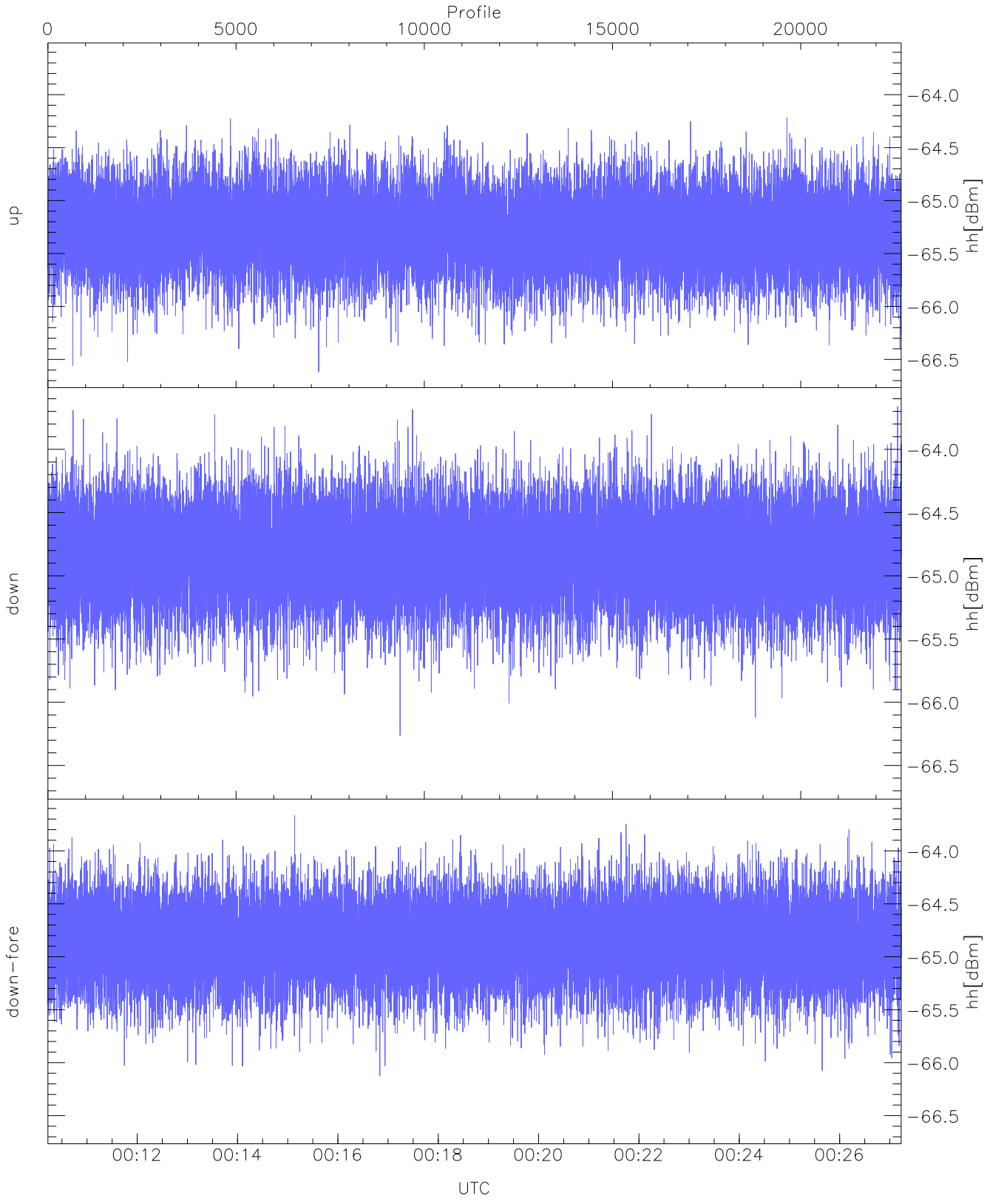
WCR3 CPP Averaged Received power for all recorded gates
blue: 001013-001843, 11337 profiles averaged
red: 001843-002714, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 001013-001843, 11337 profiles averaged
red: 001843-002714, 11336 profiles averaged

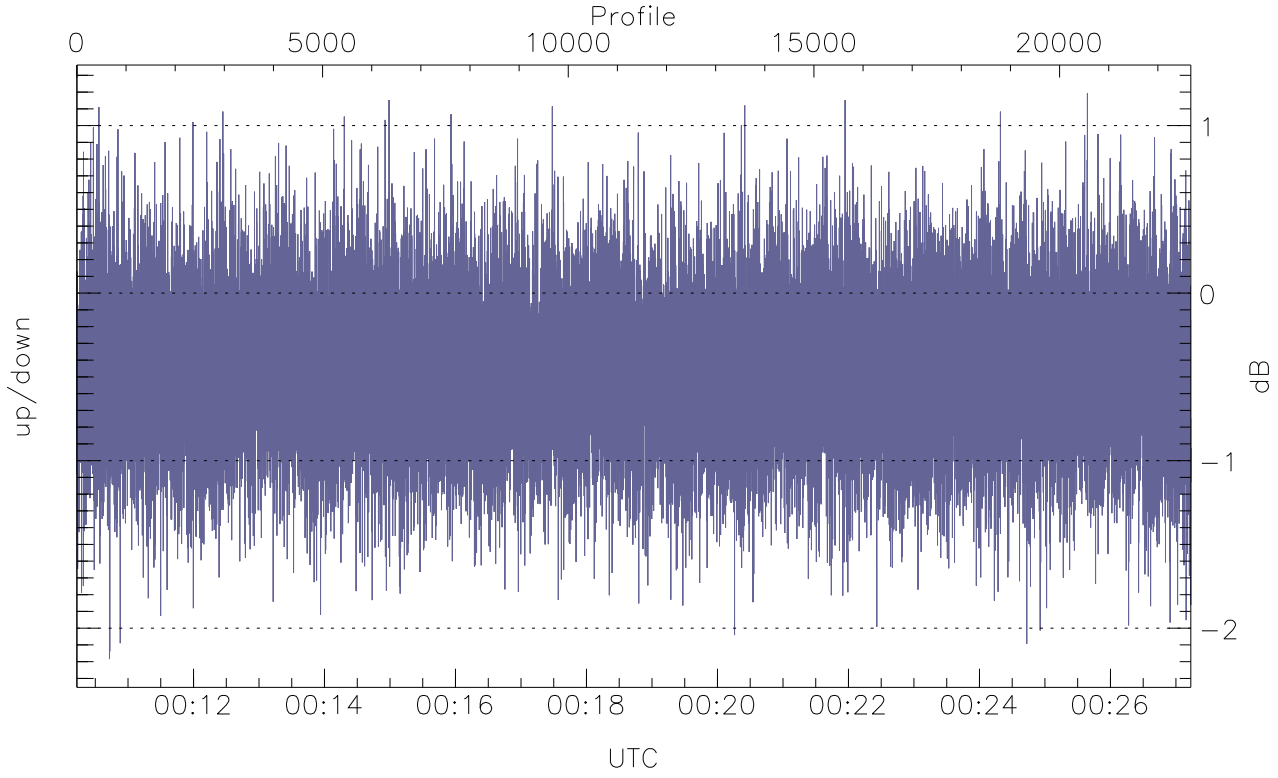


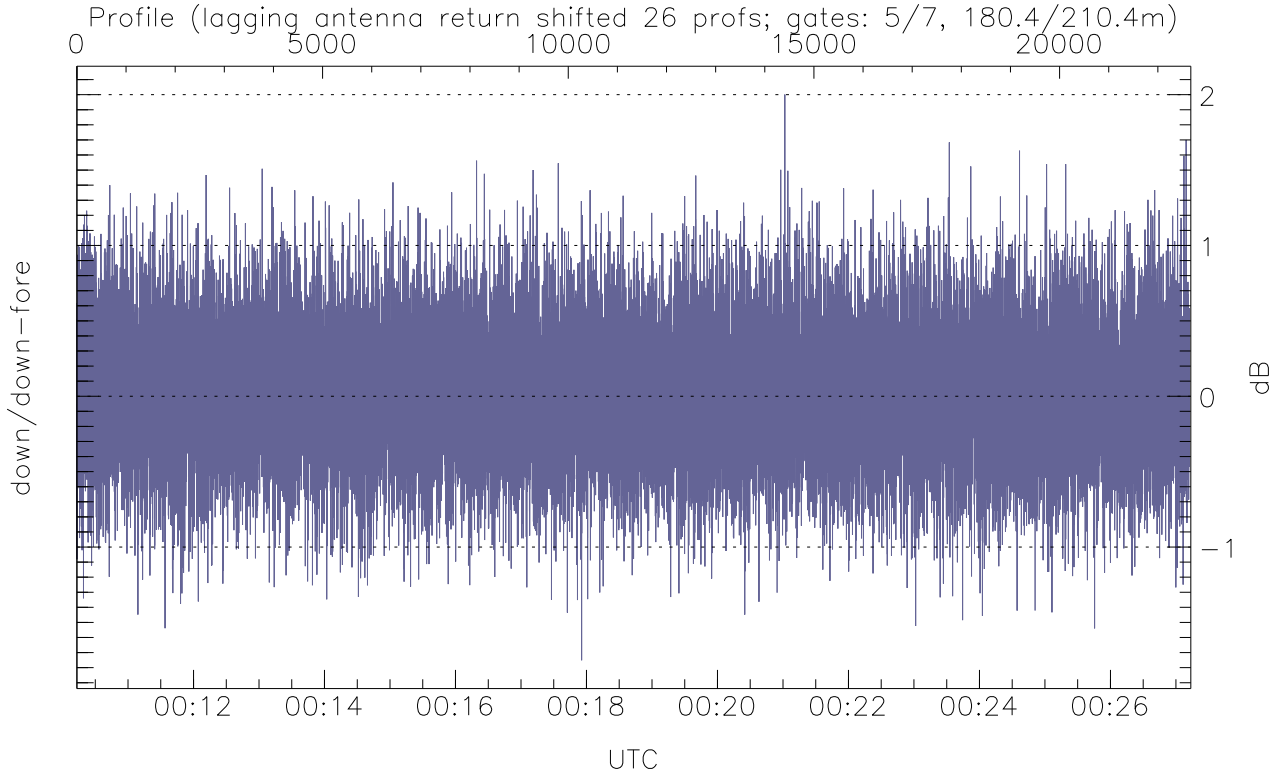
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

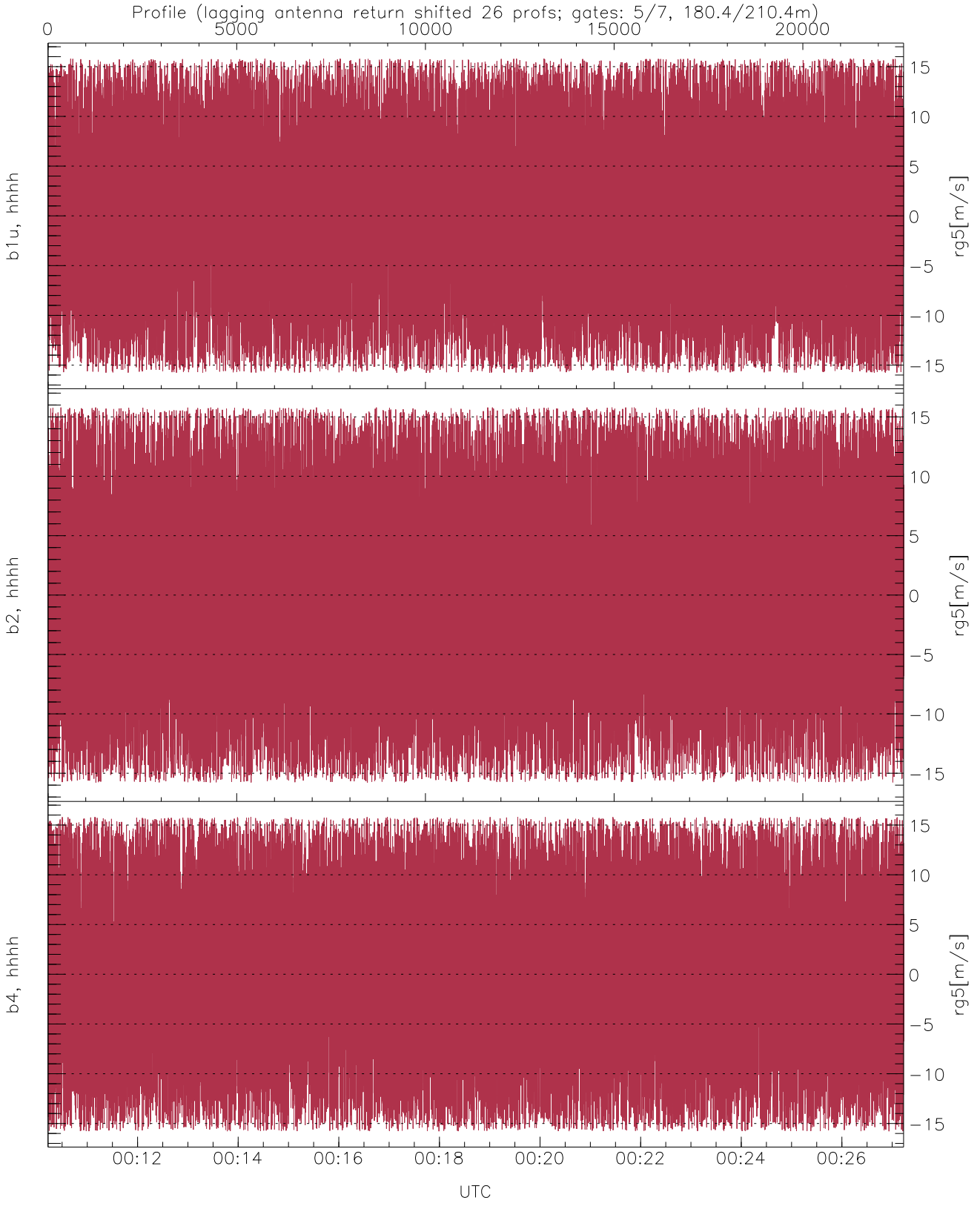
	Min	Max	Mean
up(hh[dBm])	-66.62	-64.22	-65.29
down(hh[dBm])	-66.26	-63.66	-64.83
down-fore(hh[dBm])	-66.13	-63.67	-64.86





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

	Min	Max	Mean
up/down(dB)	-2.18	1.19	-0.45
down/down-fore(dB)	-1.75	2.00	0.03



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.10	8.34
b2, hhhh(rg5[m/s])	-15.79	15.79	-0.01	8.52
b4, hhhh(rg5[m/s])	-15.78	15.79	0.01	8.48