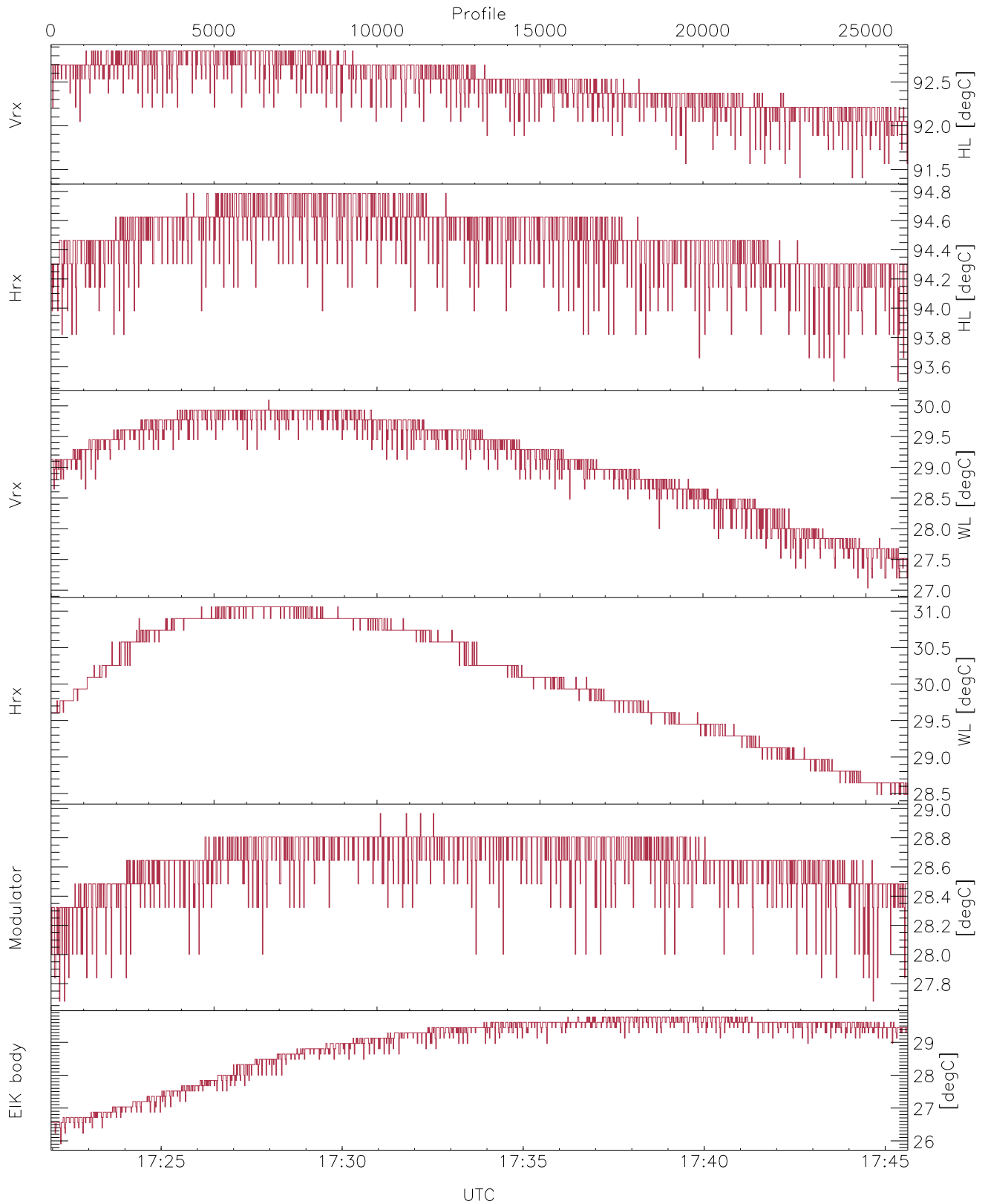


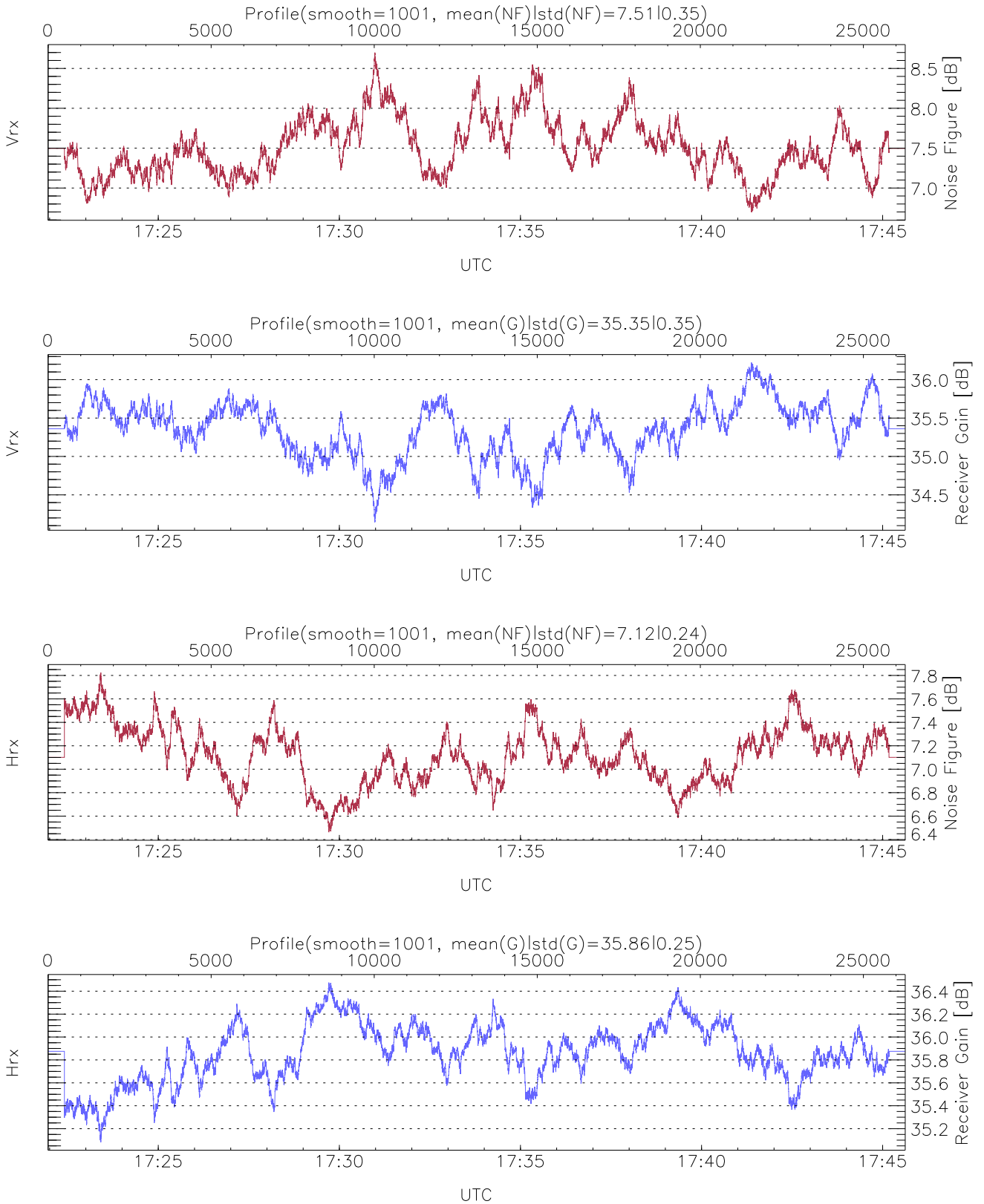
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:21:57-17:45:37, TimeCor: 0.00s, Dur: 1419.93s
 TimeFlg: 1, TFPstatus constant.
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 18.5,18.5,18.5
 NumRec(r/t): 26285/26285, 0-26284/17:21:57-17:45:37
 AcqTime: 54.0ms, Rate: 0.493MB/s, Averages (req.,actual): 100,100
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H1 V2 V2 V2 H2 H2 H2
 PRF: 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16.7 KHz, IGS: 60us
 Range(min,max,rqs): 105, 7789, 15.0 m, Gates: 513, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



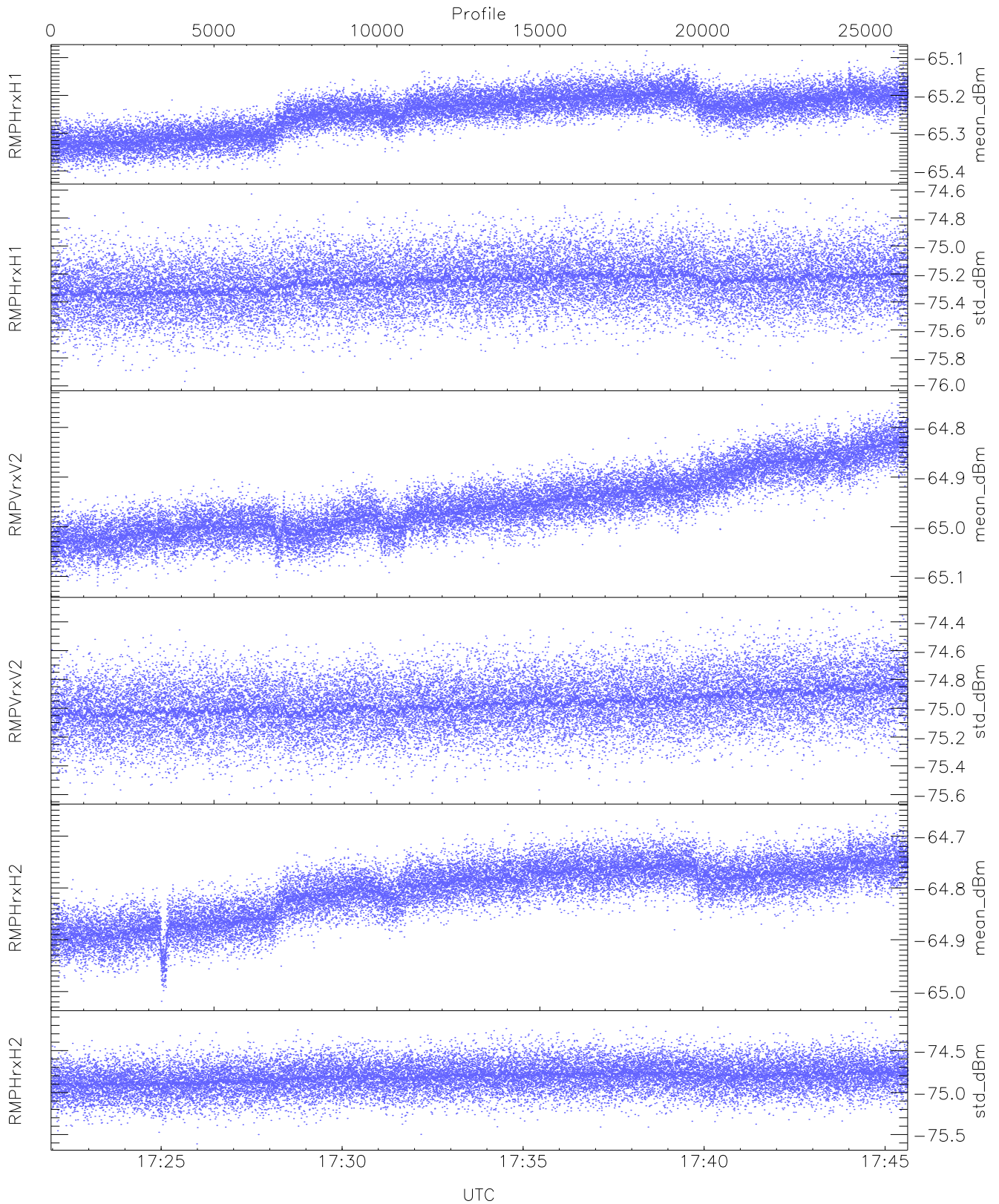
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,27,28,27,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,30,31,28,29`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK/Modulator Faults: None`



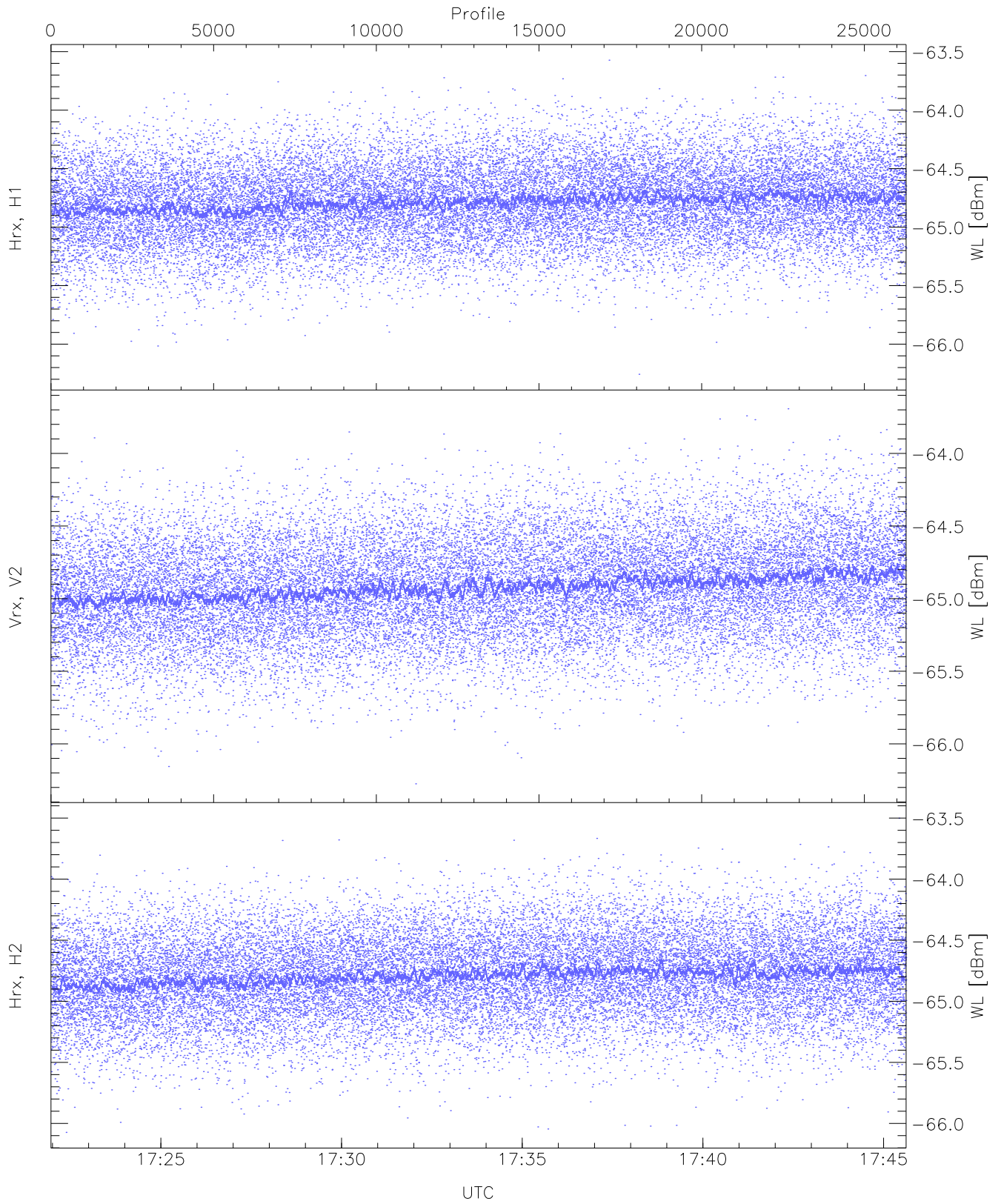
WCR3 CPP Receivers Gain and Noise Figure

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



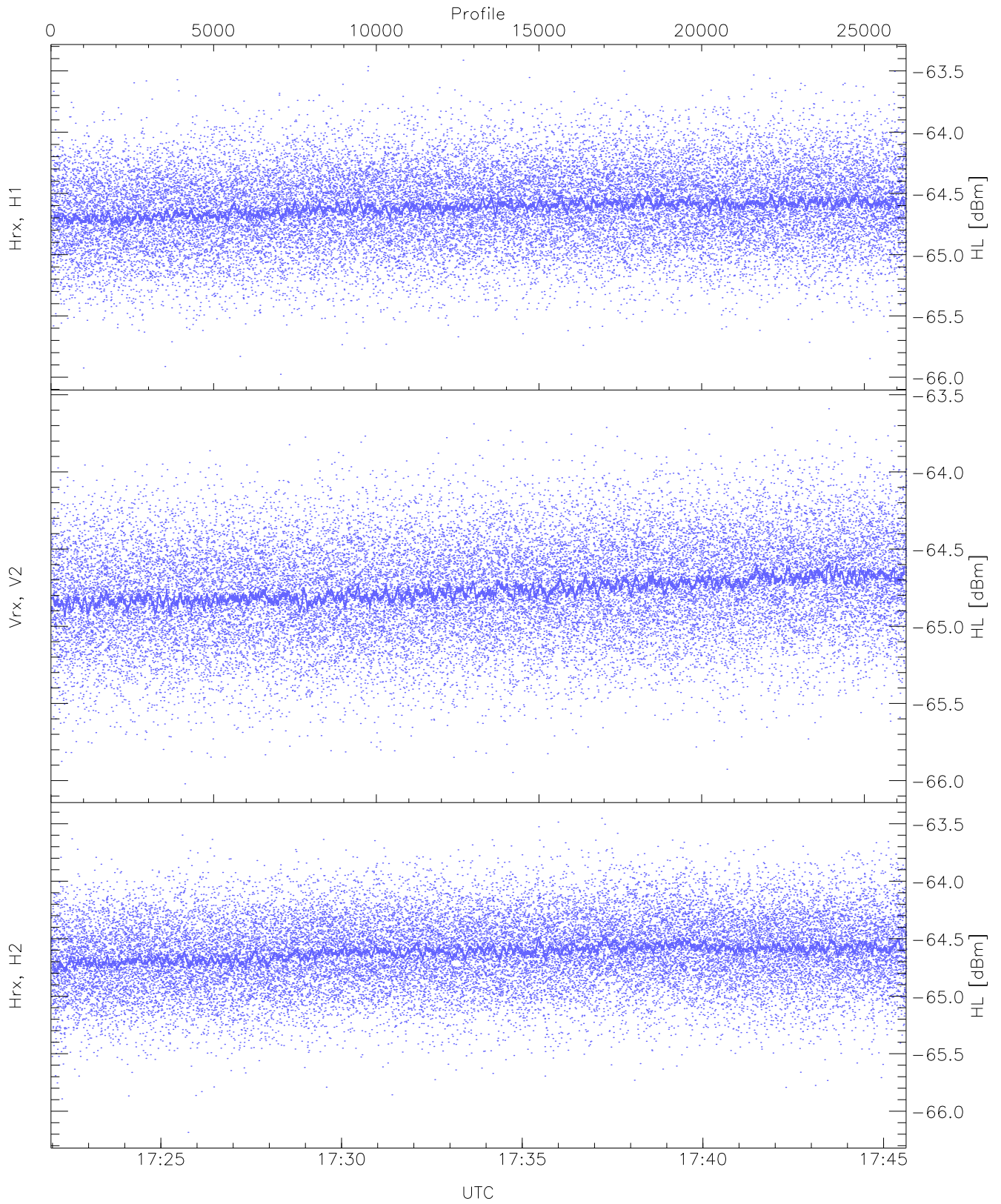
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.08	-65.25	-65.24	-84.34
RMPHrxH1(std_dBm)	-75.97	-74.62	-75.26	-75.26	-89.34
RMPVrxV2(mean_dBm)	-65.12	-64.74	-64.95	-64.96	-83.23
RMPVrxV2(std_dBm)	-75.60	-74.30	-74.97	-74.97	-88.96
RMPHrxH2(mean_dBm)	-65.02	-64.66	-64.81	-64.79	-83.77
RMPHrxH2(std_dBm)	-75.61	-74.10	-74.82	-74.82	-88.91



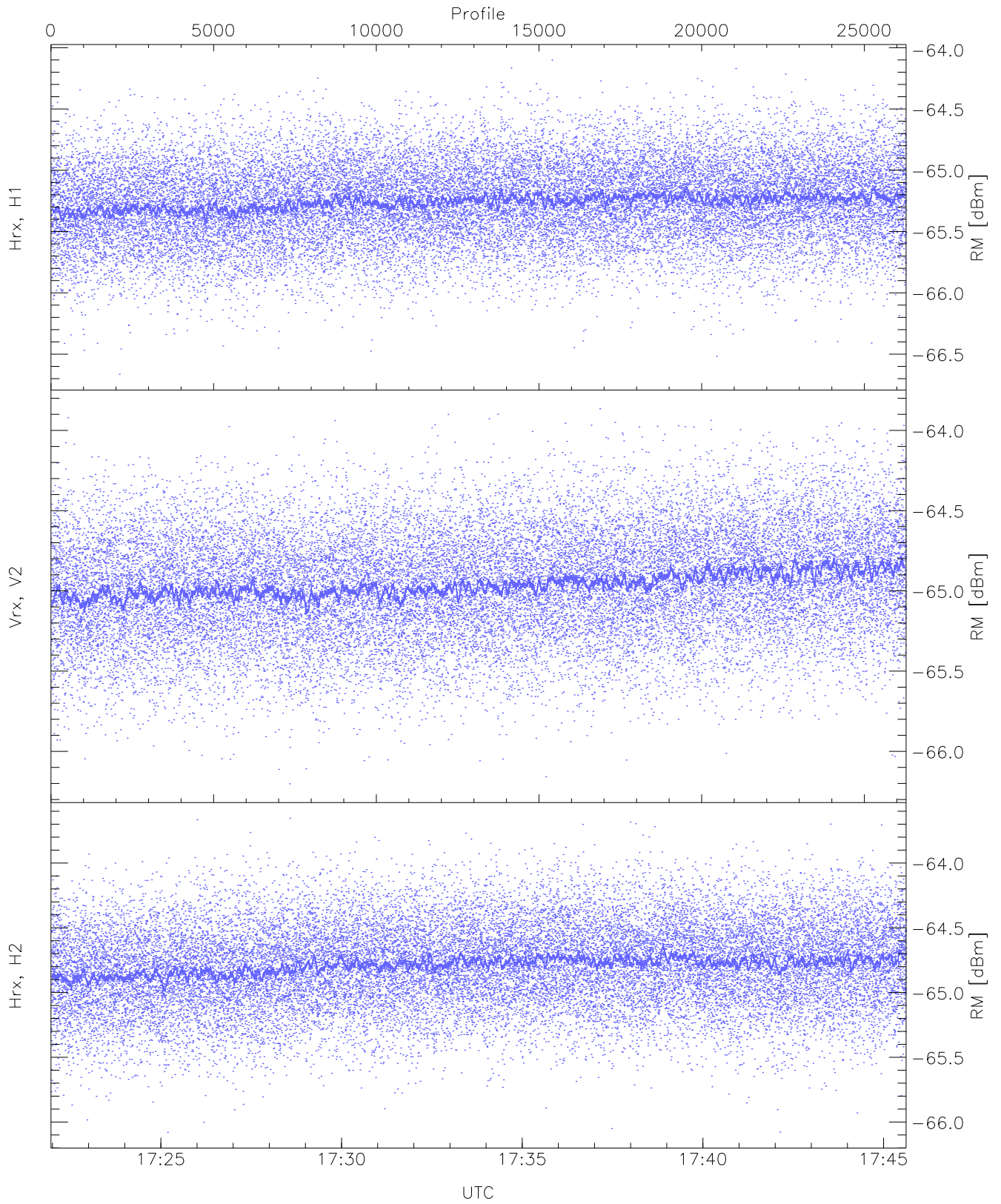
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.26	-63.57	-64.78	-64.79	-76.27
Vrx, V2 (WL [dBm])	-66.28	-63.69	-64.92	-64.93	-76.33
Hrx, H2 (WL [dBm])	-66.07	-63.50	-64.79	-64.80	-76.23



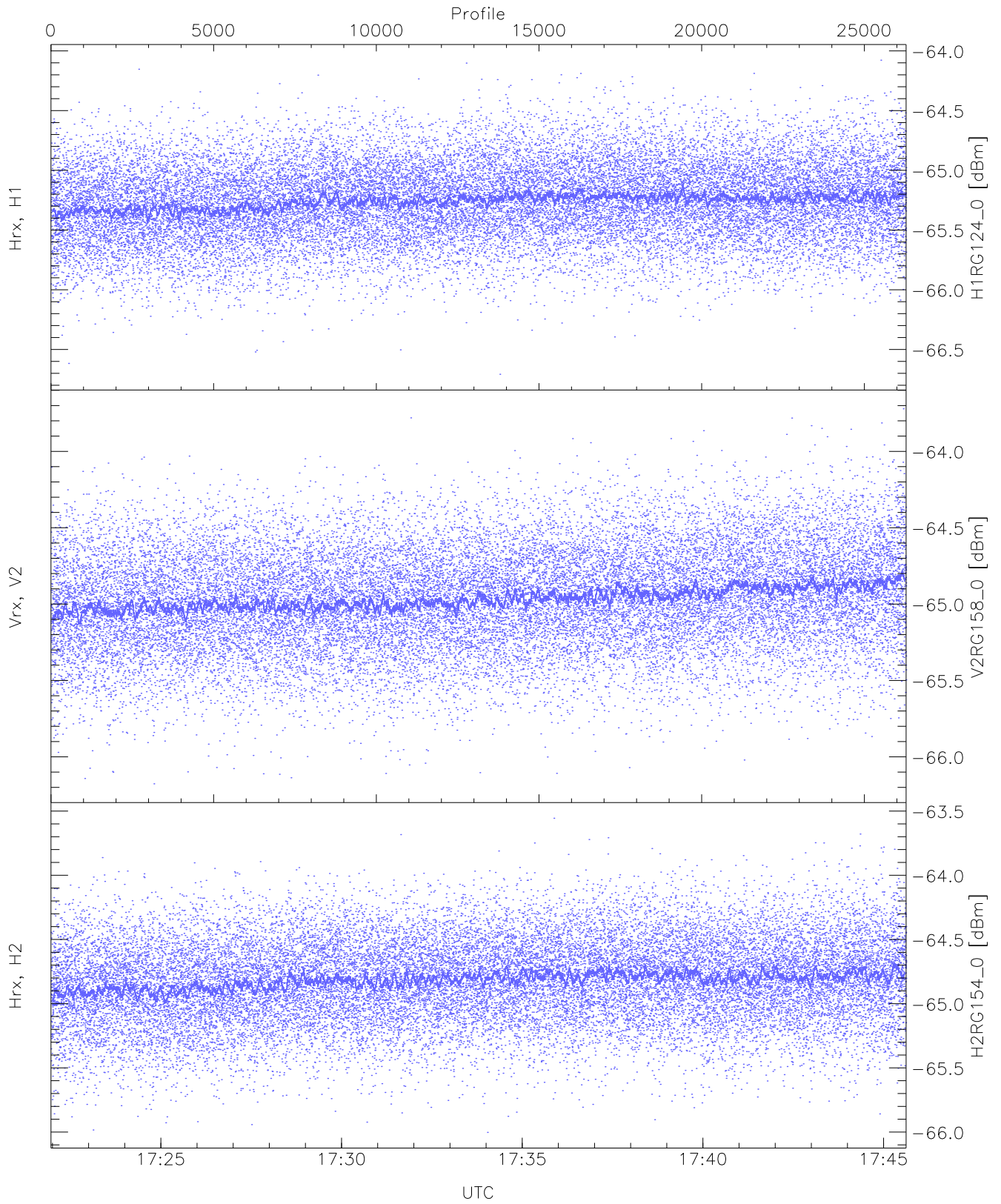
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.98	-63.41	-64.61	-64.62	-76.04
Vrx, V2 (HL [dBm])	-66.02	-63.59	-64.76	-64.77	-76.24
Hrx, H2 (HL [dBm])	-66.18	-63.45	-64.61	-64.62	-76.07



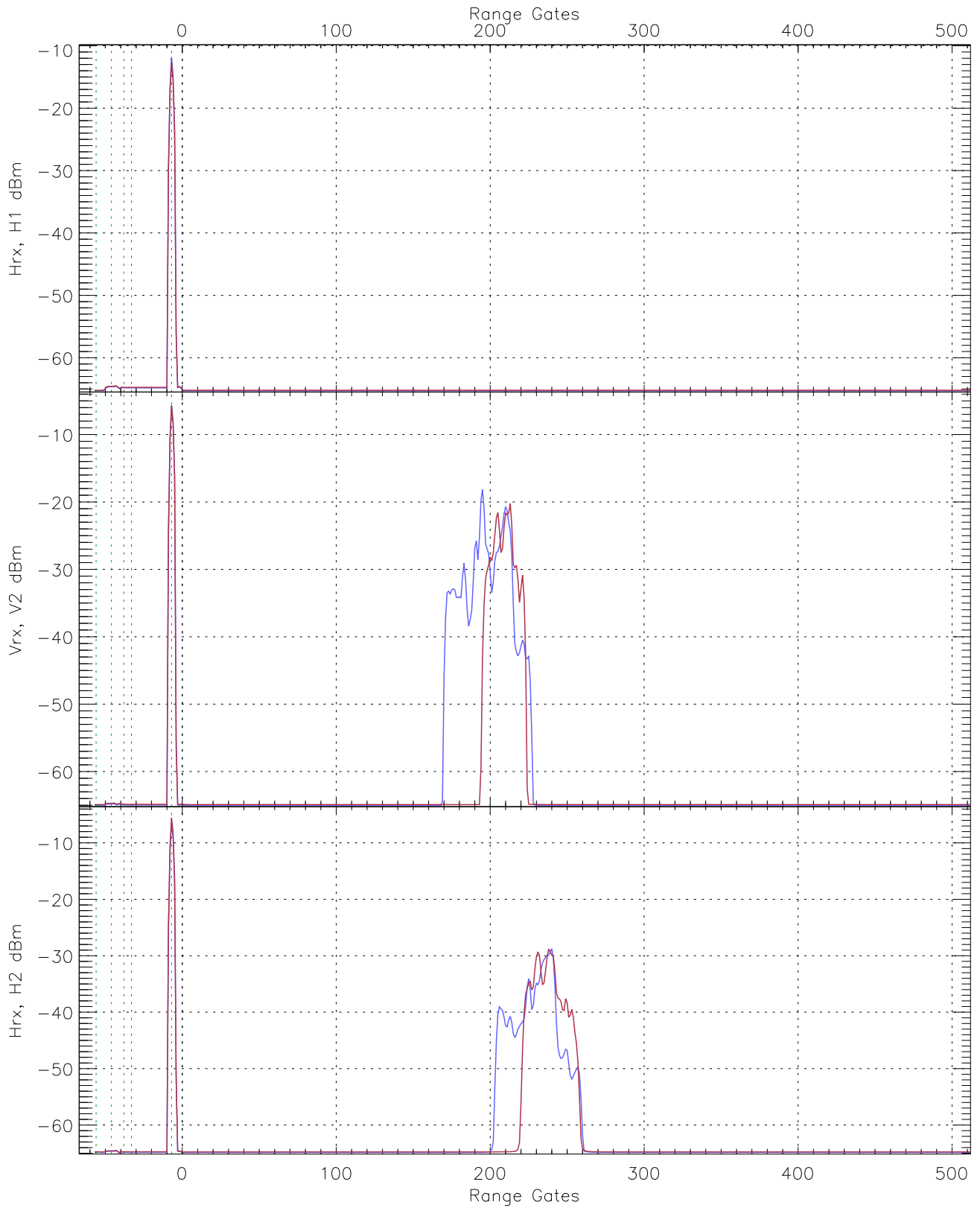
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.66	-64.10	-65.25	-65.26	-76.73
Vrx, V2 (RM [dBm])	-66.20	-63.87	-64.95	-64.96	-76.37
Hrx, H2 (RM [dBm])	-66.08	-63.65	-64.78	-64.79	-76.25

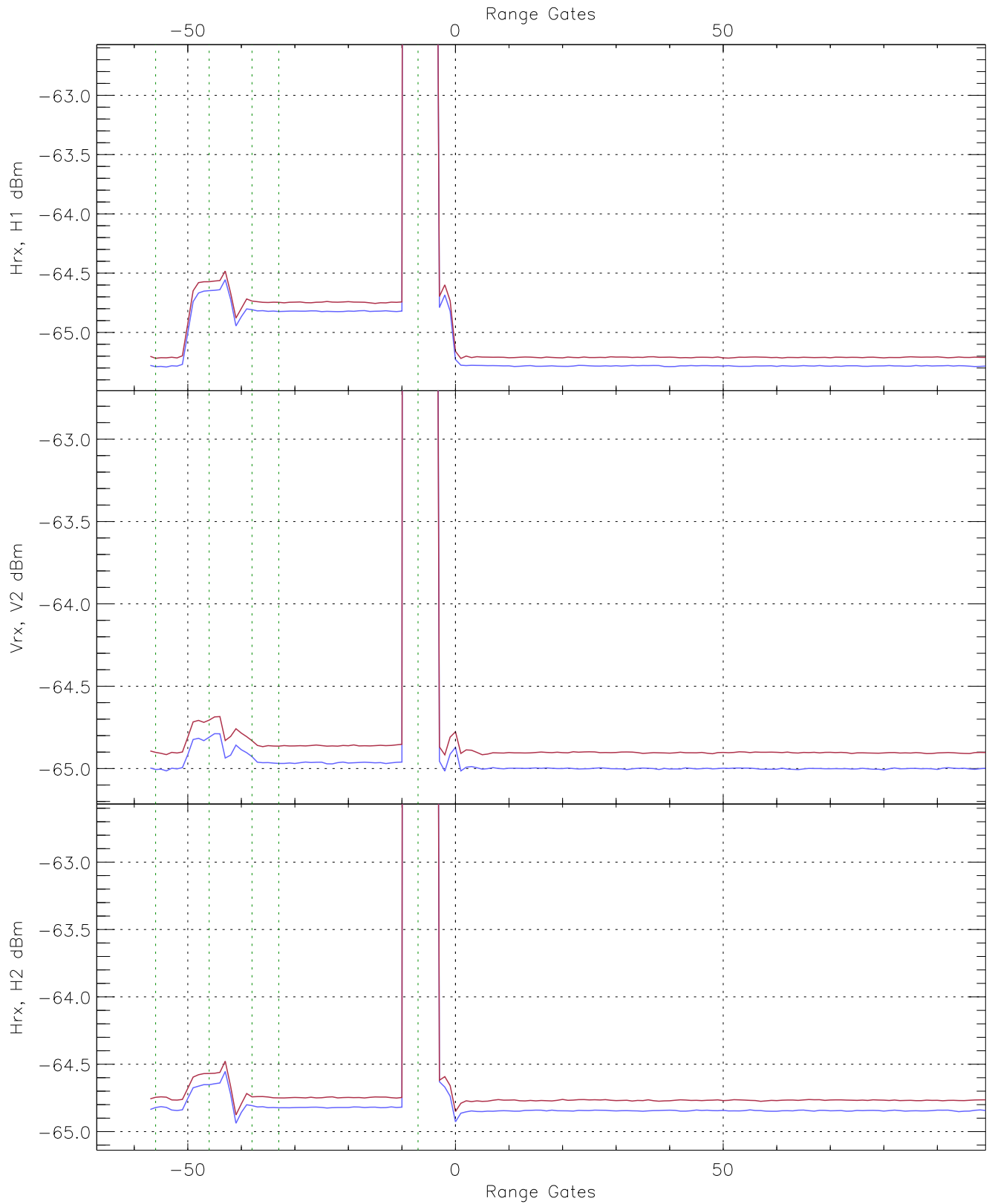


WCR3 CPP "Best" estimate Receivers Noise Power

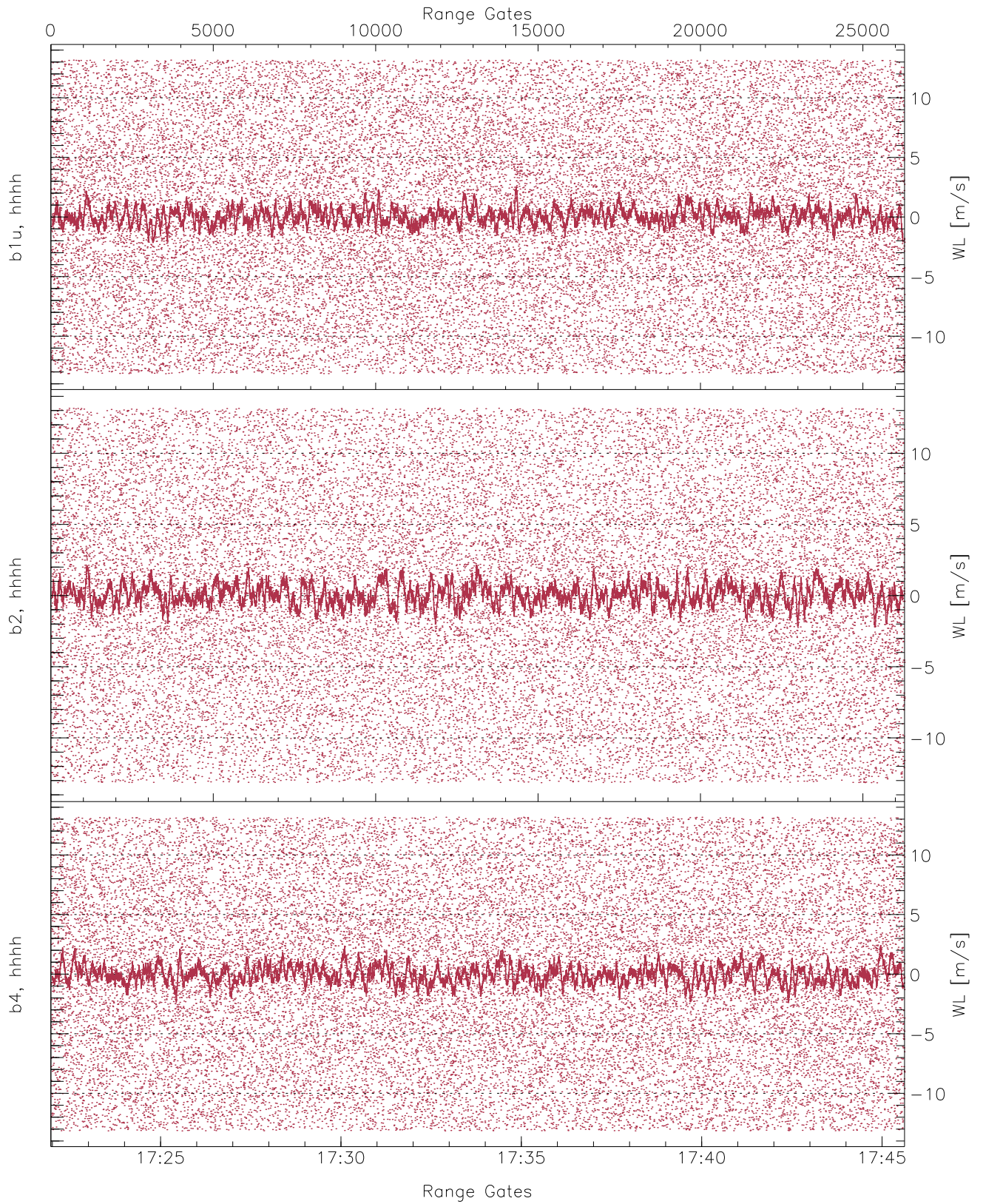
	Min	Max	Mean	Median	StDev
H1RG124_0 [dBm]	-66.71	-64.08	-65.25	-65.26	-76.71
V2RG158_0 [dBm]	-66.18	-63.72	-64.96	-64.97	-76.40
H2RG154_0 [dBm]	-66.00	-63.56	-64.81	-64.82	-76.27



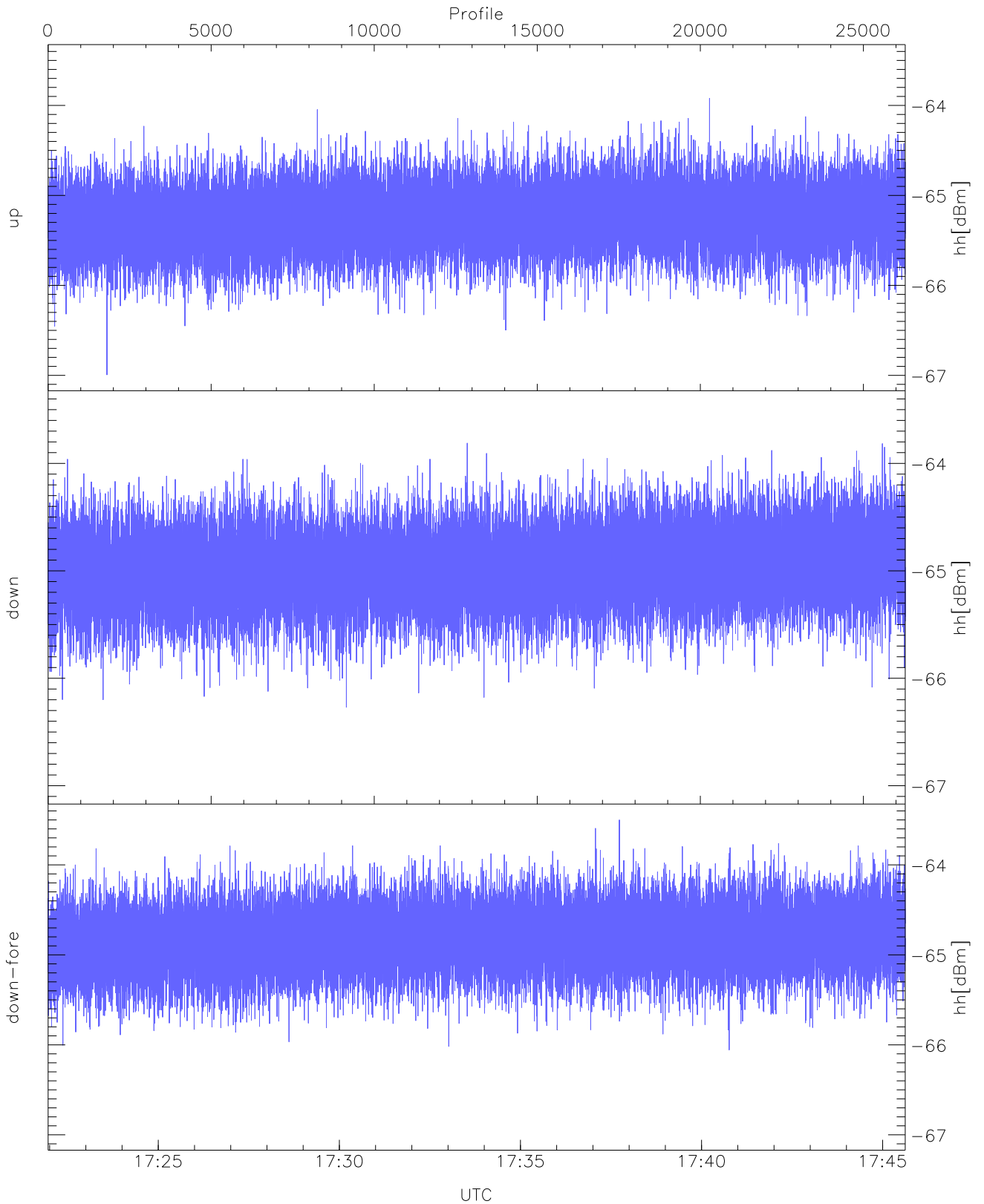
WCR3 CPP Averaged Received power for all recorded gates
blue: 172157-173347, 13143 profiles averaged
red: 173347-174537, 13143 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 172157-173347, 13143 profiles averaged
red: 173347-174537, 13143 profiles averaged

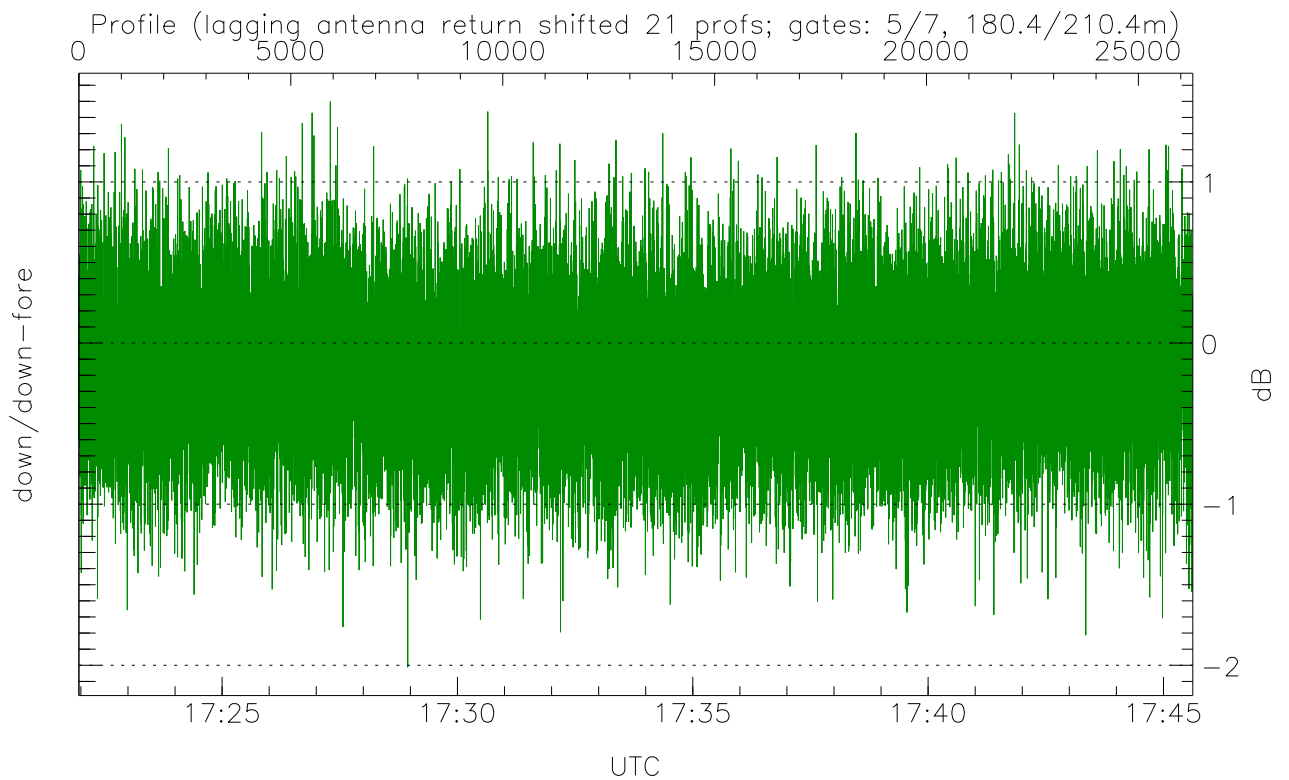
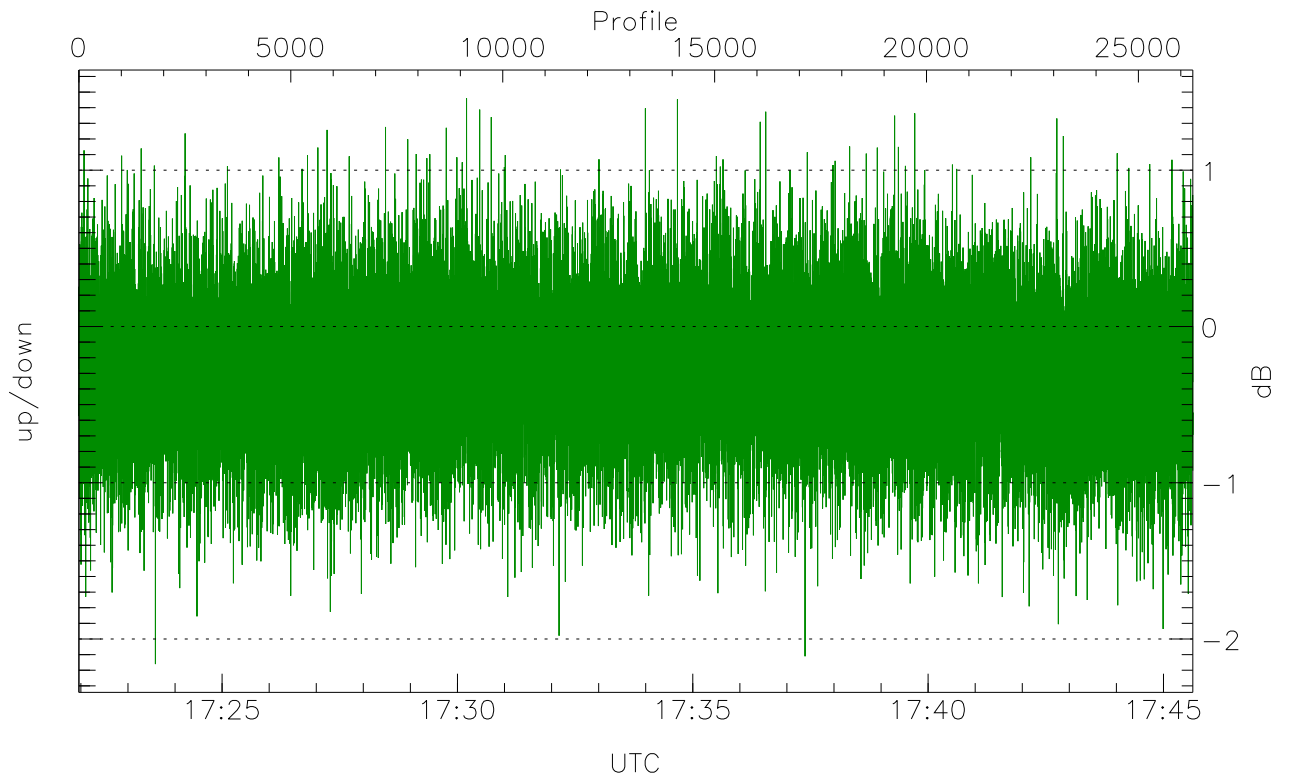


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



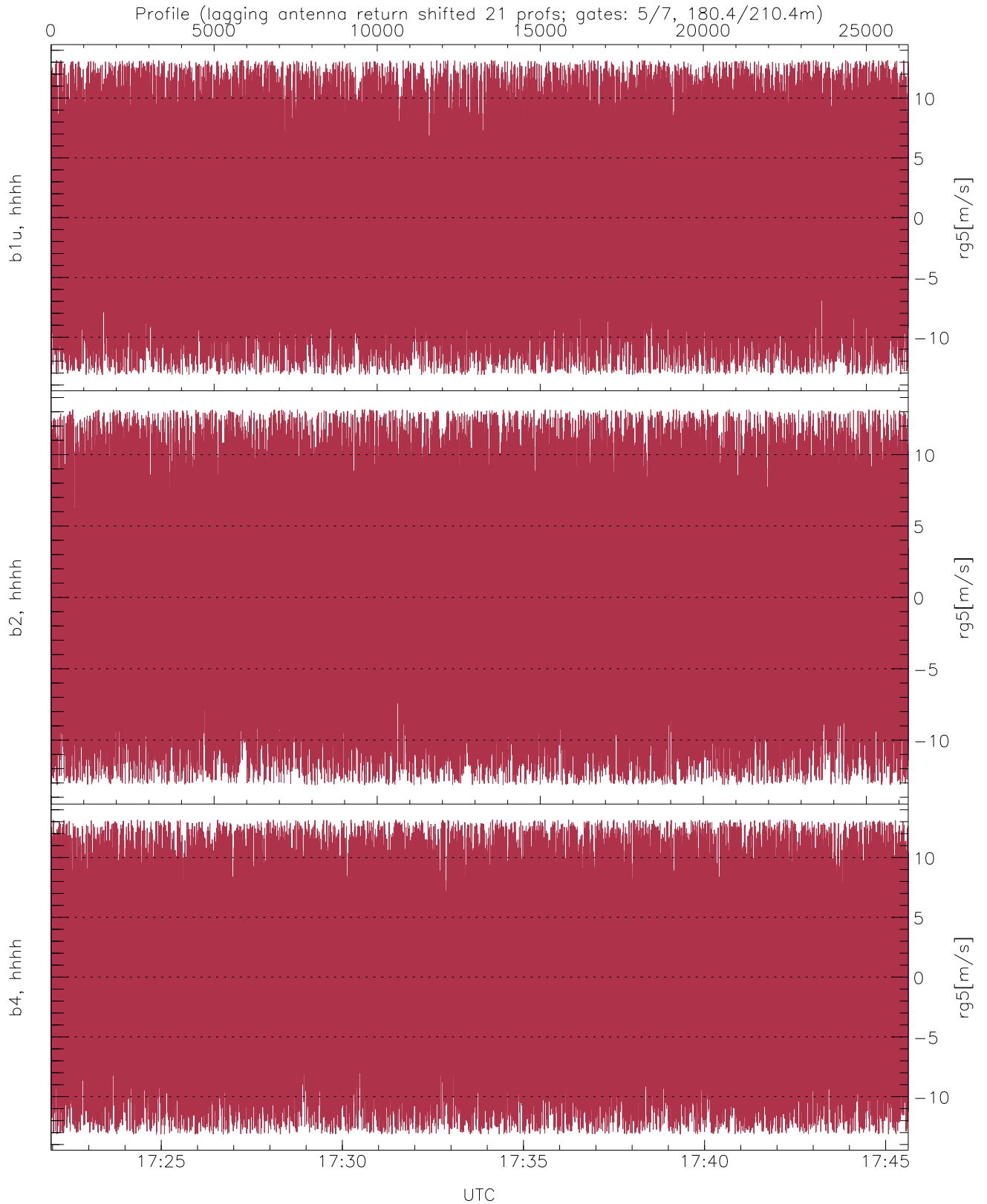
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-67.00	-63.92	-65.24
down(hh[dBm])	-66.27	-63.81	-64.96
down-fore(hh[dBm])	-66.06	-63.50	-64.81



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

	Min	Max	Mean
up/down (dB)	-2.16	1.46	-0.28
down/down-fore (dB)	-2.01	1.50	-0.15



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-13.15	13.16	-0.03	7.19
b2, hhhh(rg5[m/s])	-13.15	13.16	-0.04	7.26
b4, hhhh(rg5[m/s])	-13.16	13.16	0.02	7.29