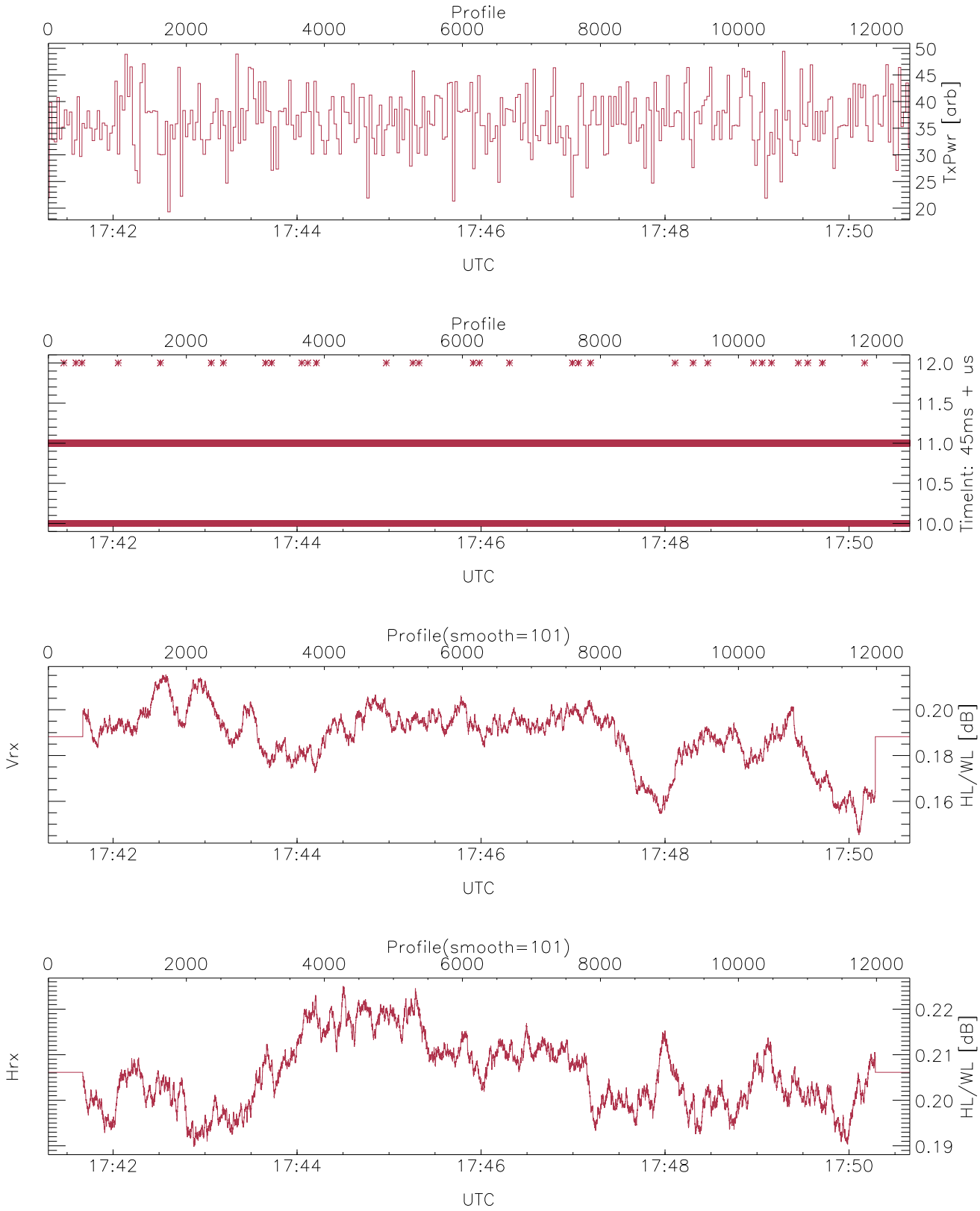
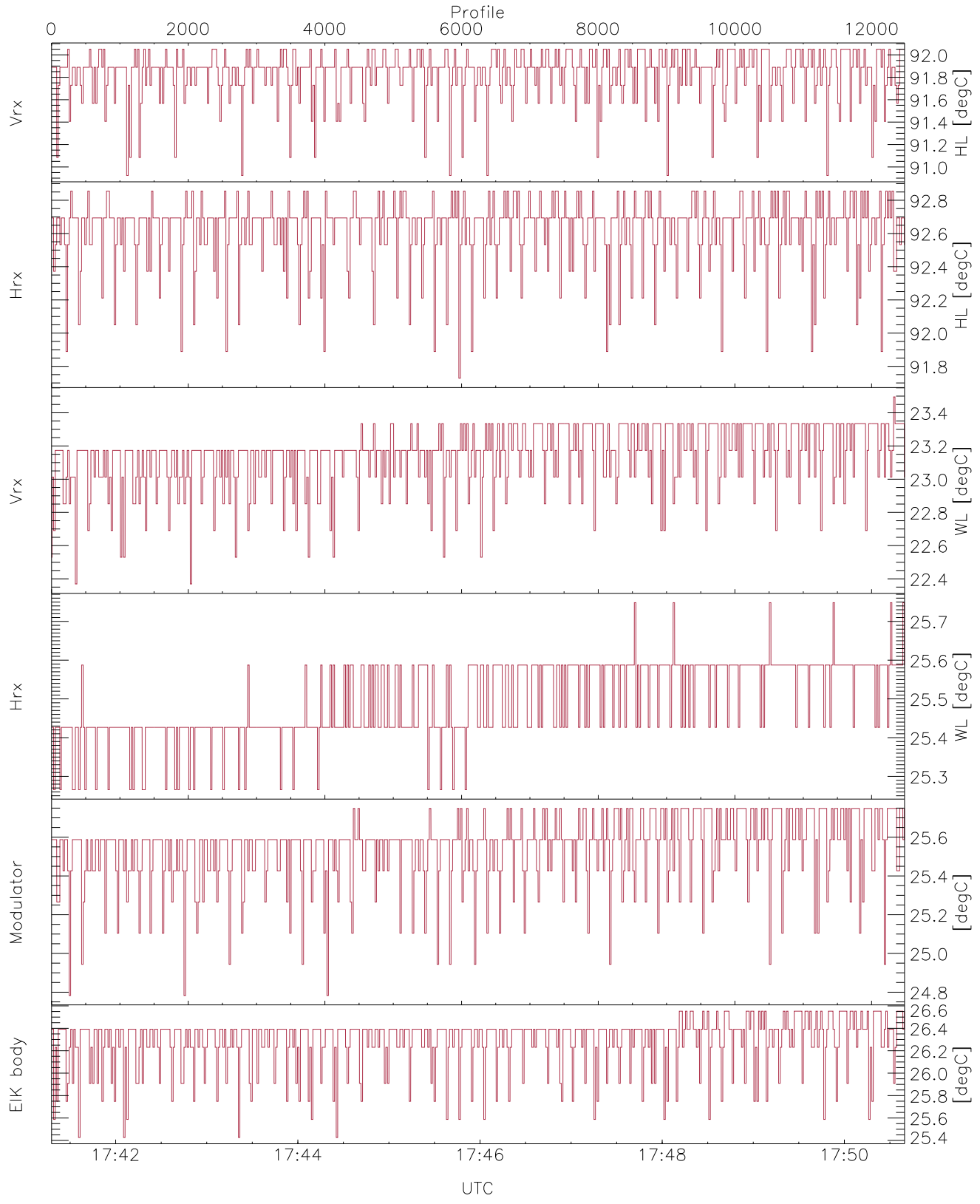


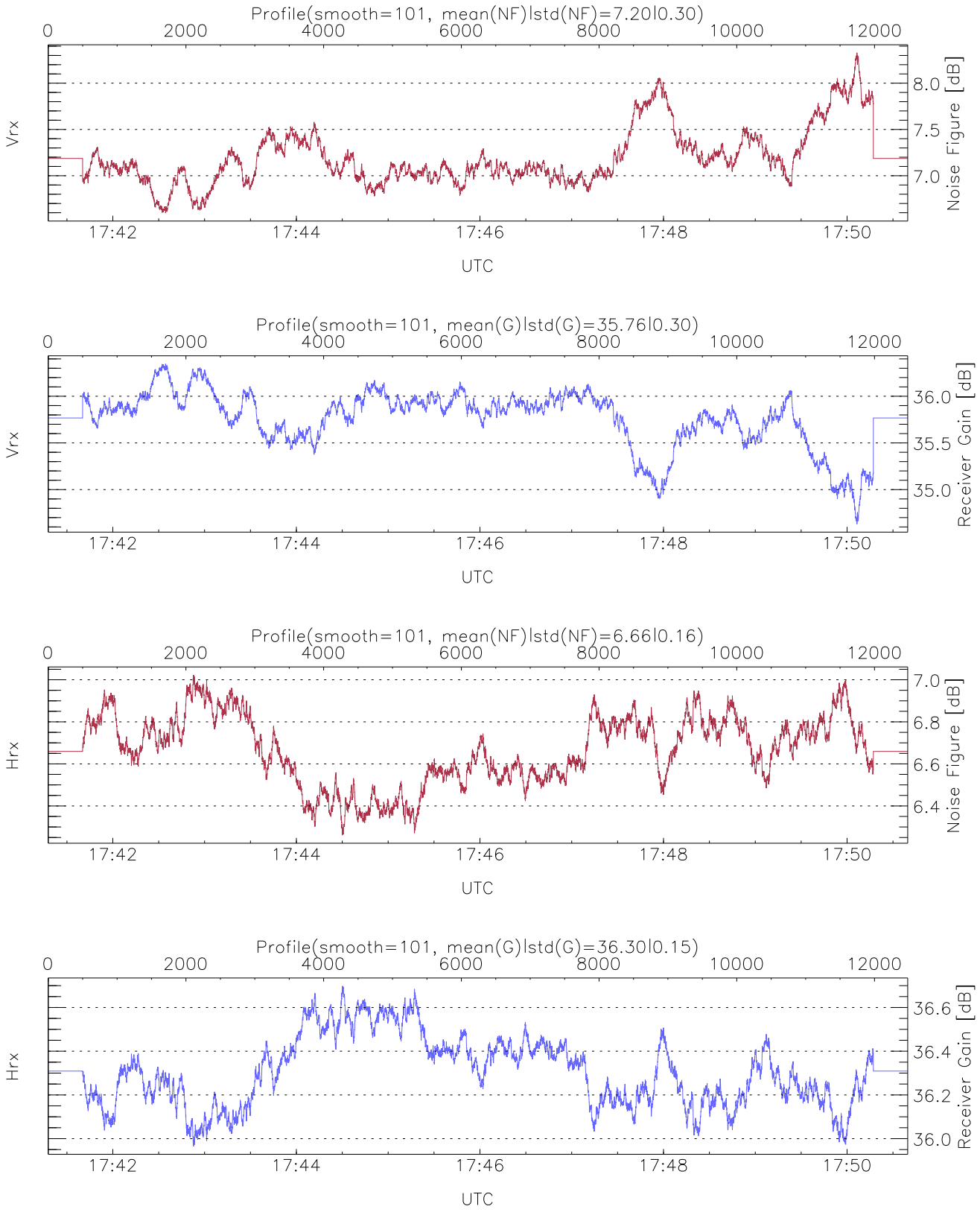
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:41:18-17:50:40, TimeCor: 0.00s, Dur: 561.88s
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): 12484/12484, 0-12483/17:41:18-17:50:40
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



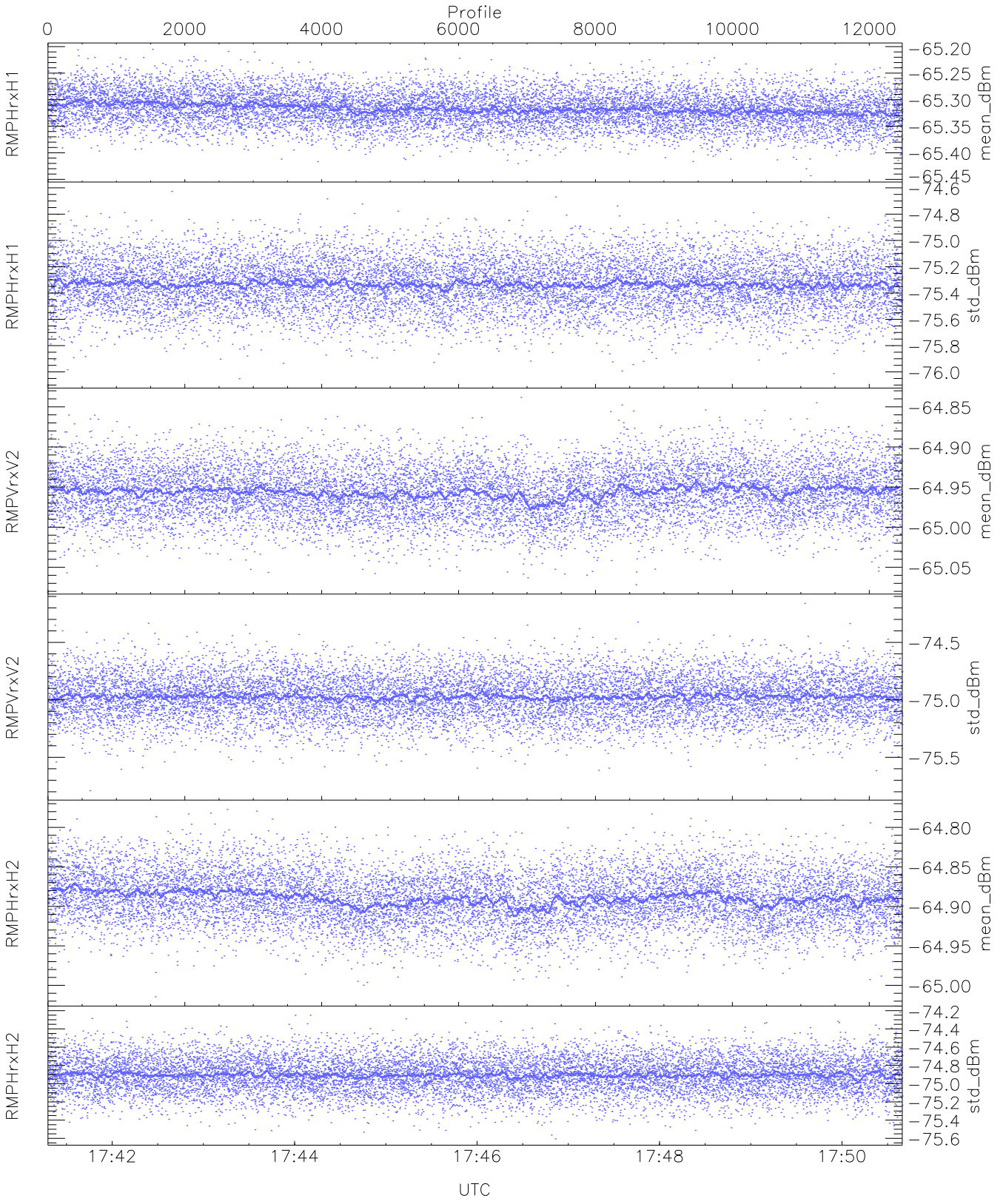
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



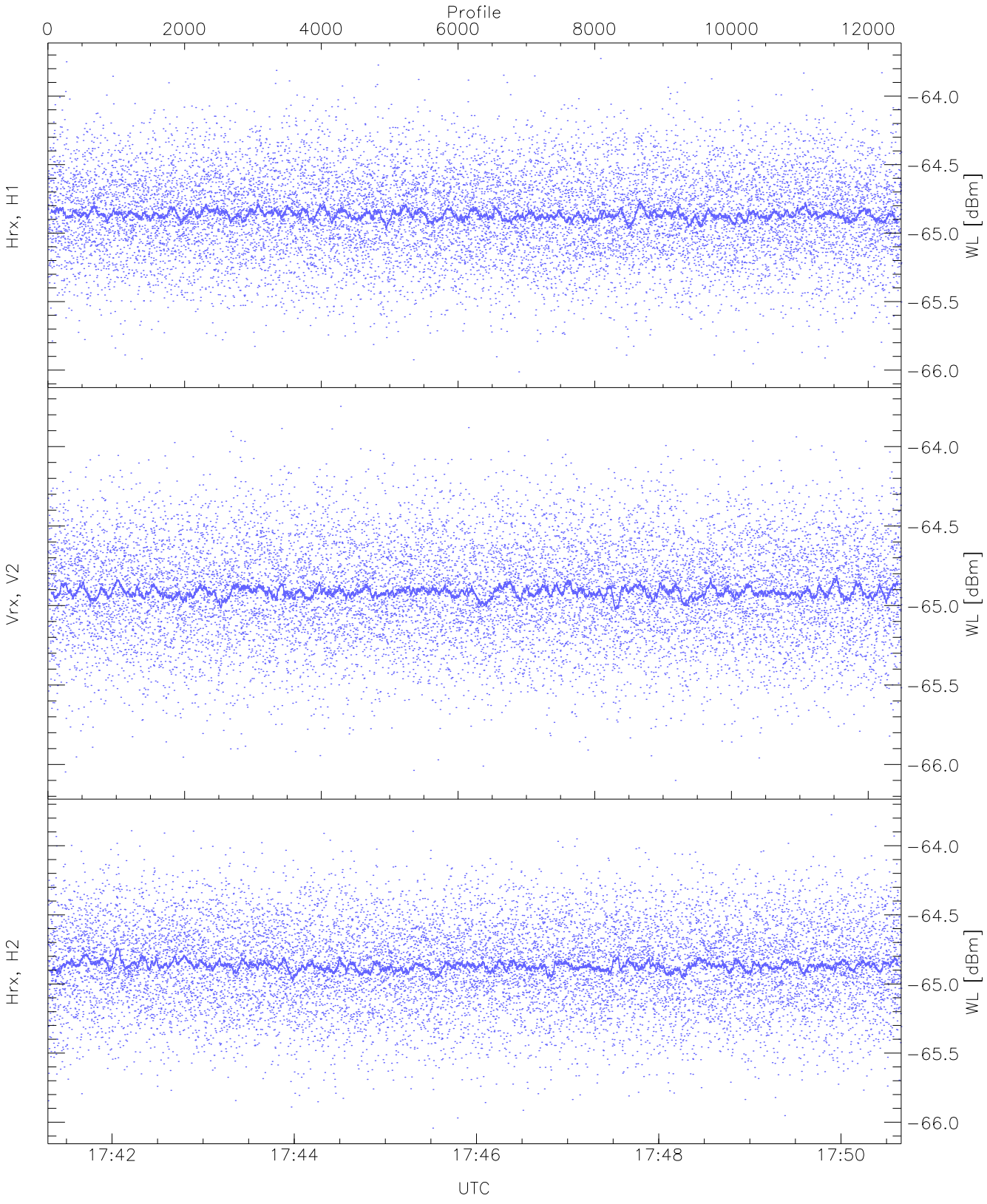
WCR3 CPP Receivers Gain and Noise Figure

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



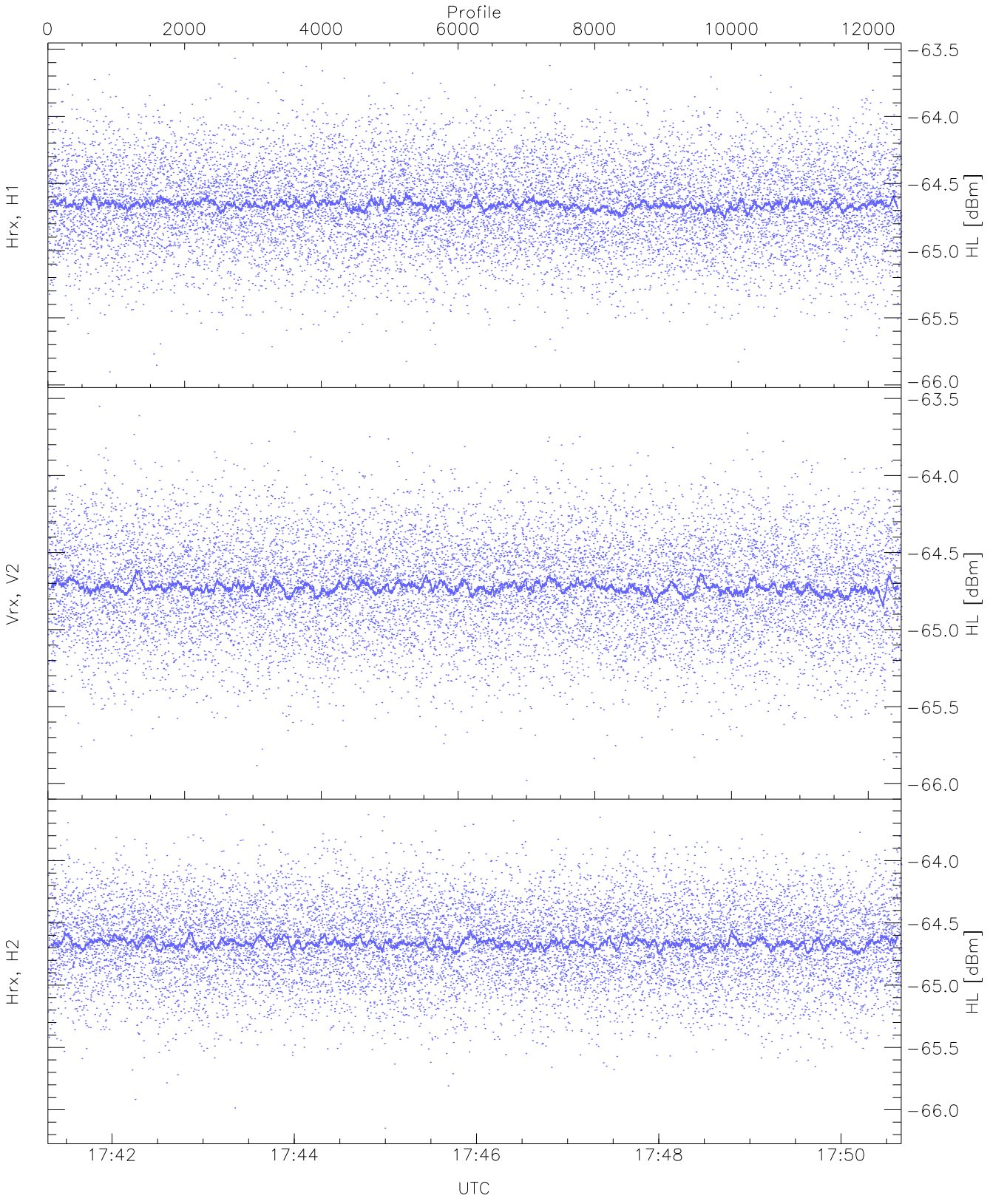
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.21	-65.32	-65.32	-86.86
RMPHrxH1(std_dBm)	-76.05	-74.63	-75.33	-75.33	-89.17
RMPVrxV2(mean_dBm)	-65.07	-64.84	-64.96	-64.96	-86.50
RMPVrxV2(std_dBm)	-75.79	-74.16	-74.97	-74.97	-88.80
RMPHrxH2(mean_dBm)	-65.01	-64.78	-64.89	-64.89	-86.35
RMPHrxH2(std_dBm)	-75.61	-74.22	-74.90	-74.91	-88.66



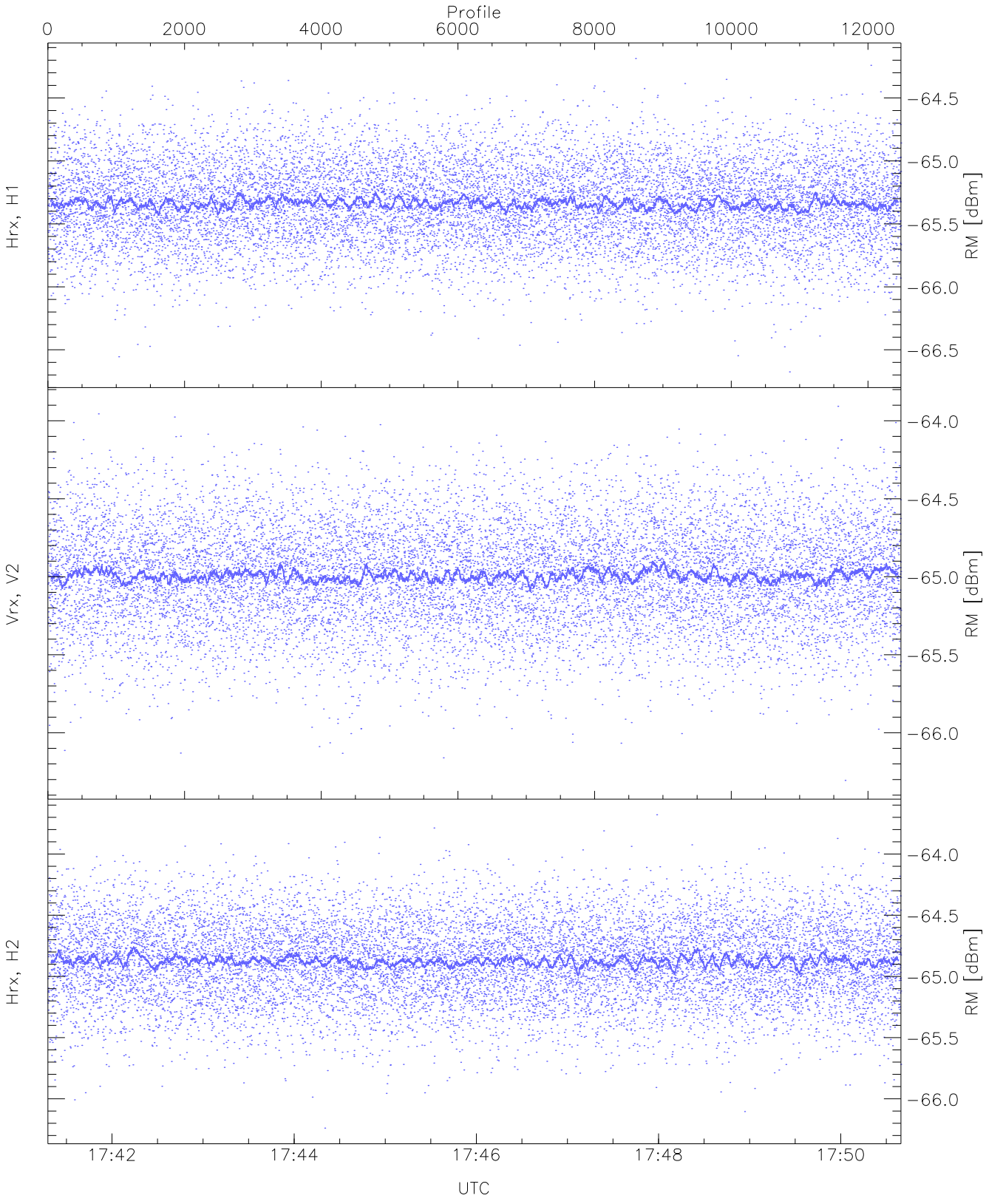
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.01	-63.73	-64.86	-64.87	-76.32
Vrx, V2(WL [dBm])	-66.10	-63.75	-64.91	-64.91	-76.40
Hrx, H2(WL [dBm])	-66.04	-63.78	-64.86	-64.87	-76.40



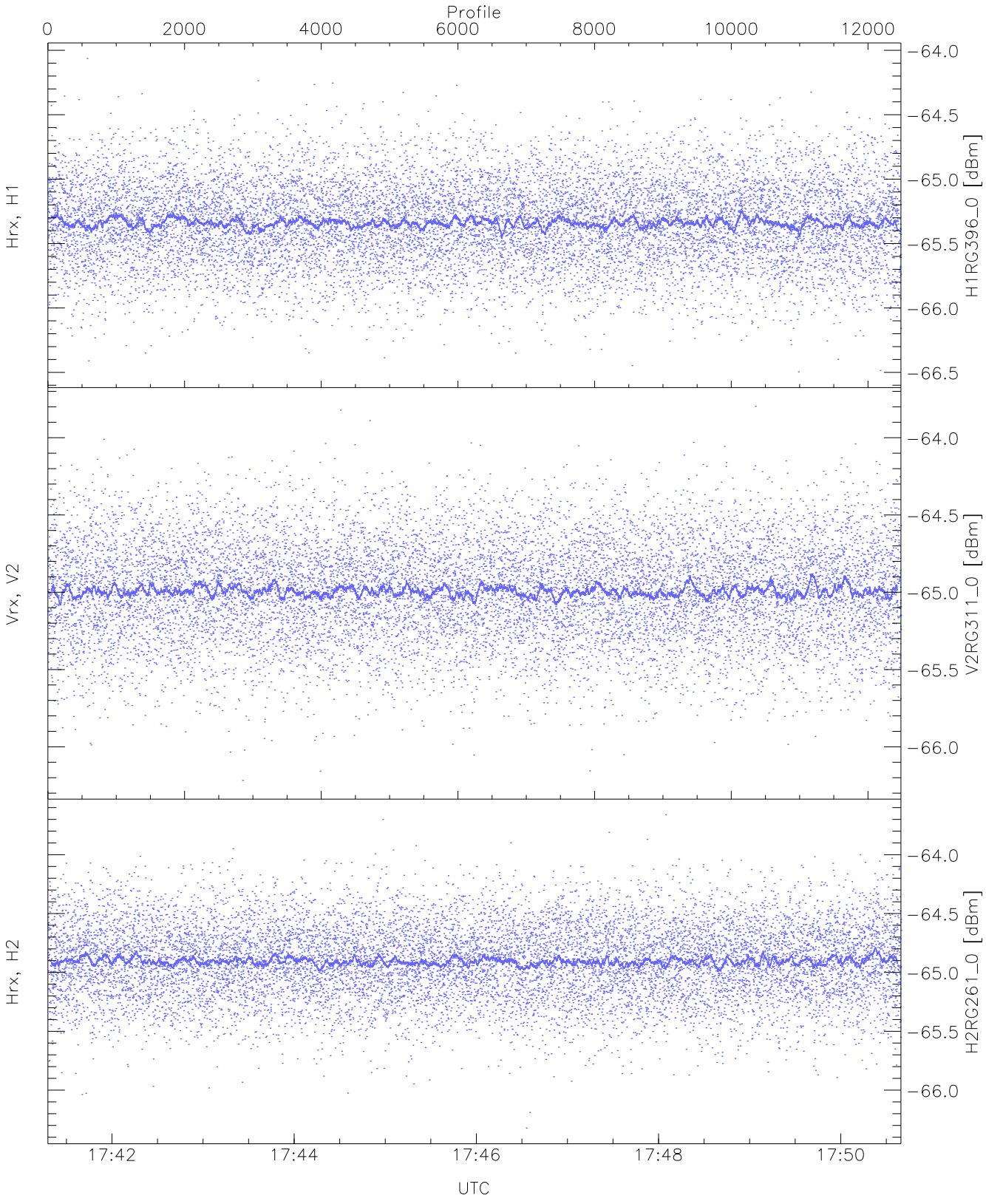
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.90	-63.57	-64.65	-64.66	-76.18
Vrx, V2(HL [dBm])	-65.98	-63.55	-64.72	-64.72	-76.23
Hrx, H2(HL [dBm])	-66.15	-63.63	-64.65	-64.66	-76.17



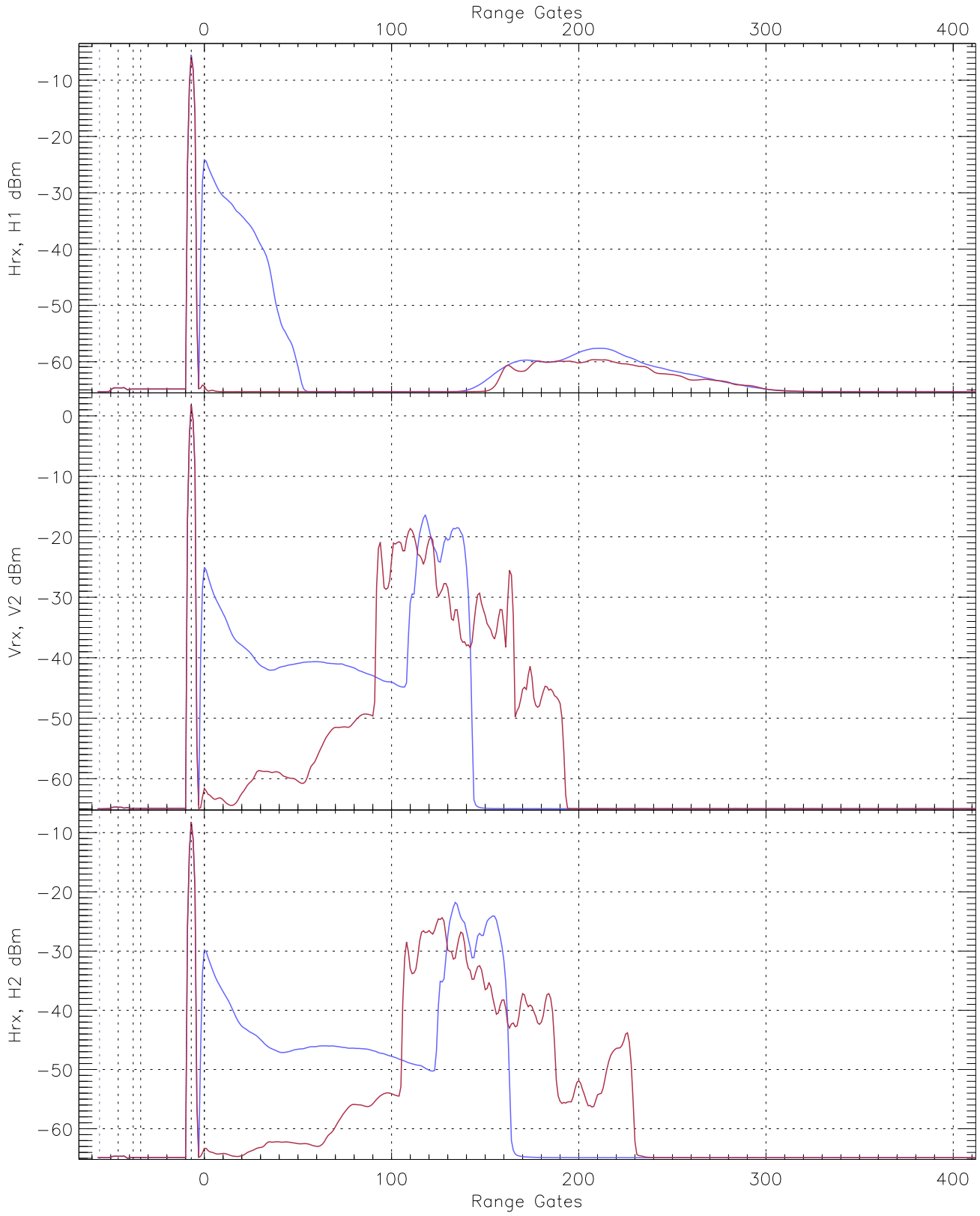
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.68	-64.19	-65.33	-65.34	-76.86
Vrx, V2(RM [dBm])	-66.31	-63.91	-64.98	-64.99	-76.49
Hrx, H2(RM [dBm])	-66.24	-63.68	-64.87	-64.87	-76.33

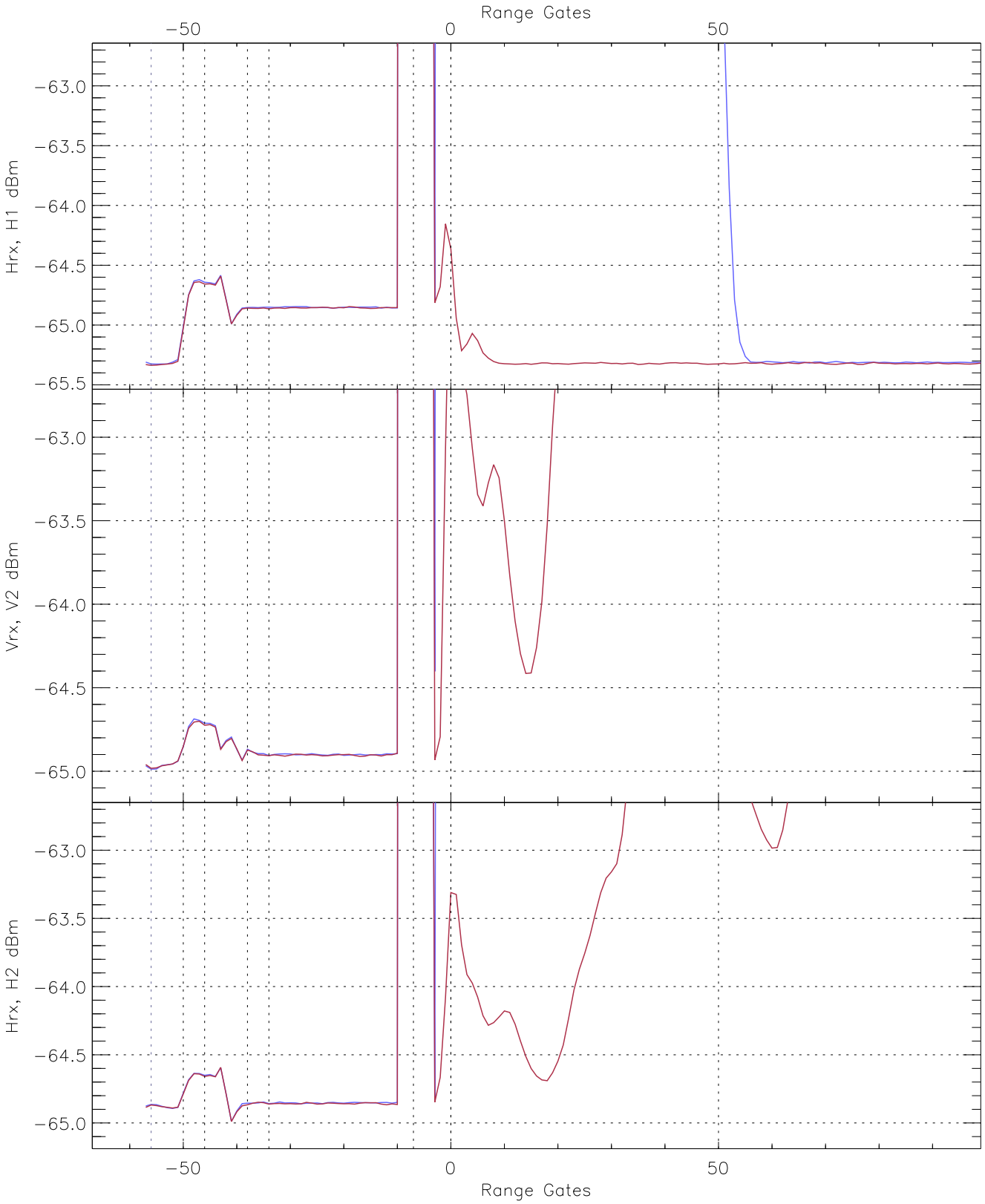


WCR3 CPP "Best" estimate Receivers Noise Power

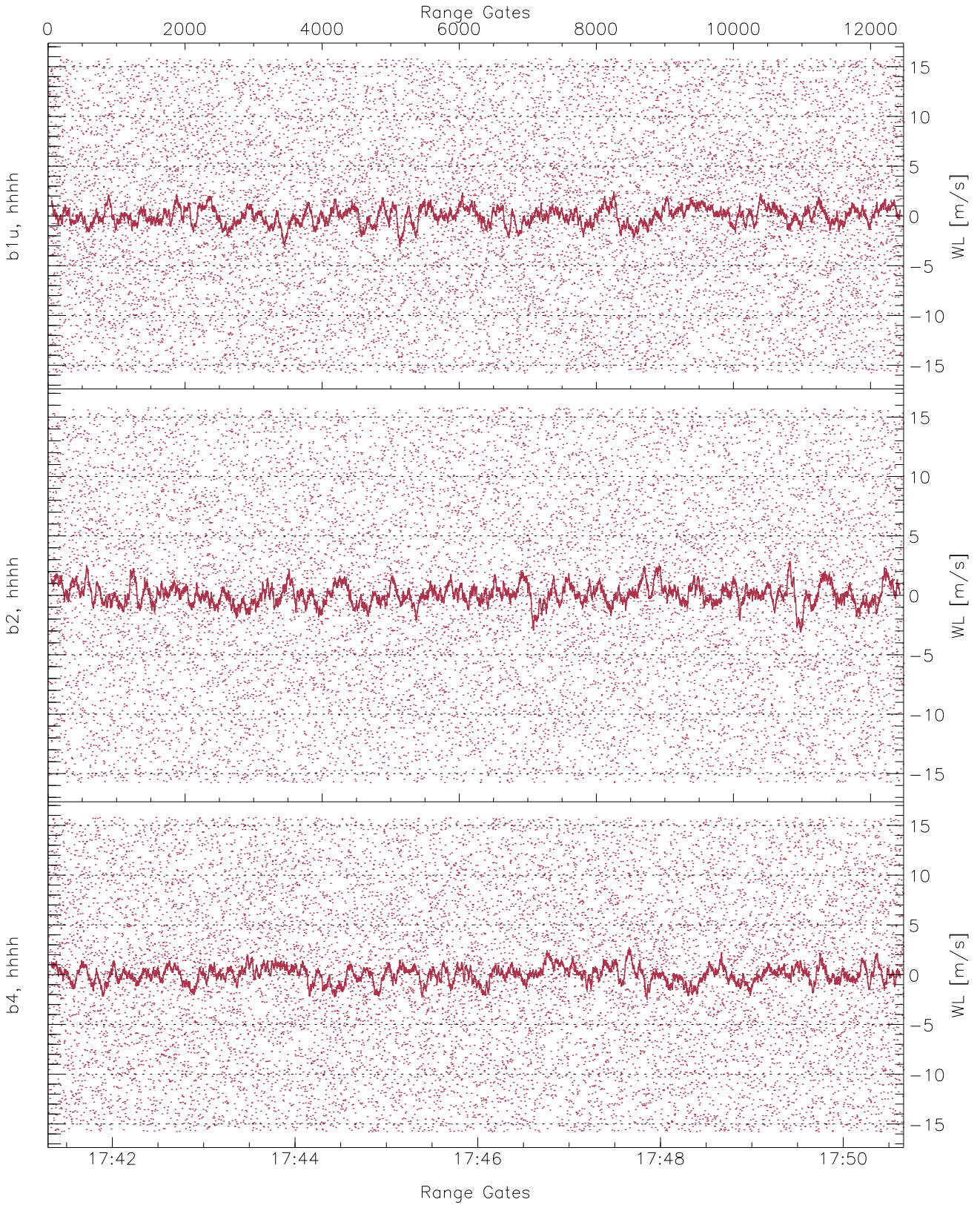
	Min	Max	Mean	Median	StDev
H1RG396_0 [dBm]	-66.50	-64.06	-65.33	-65.34	-76.80
V2RG311_0 [dBm]	-66.22	-63.80	-64.98	-64.99	-76.52
H2RG261_0 [dBm]	-66.32	-63.66	-64.90	-64.91	-76.42



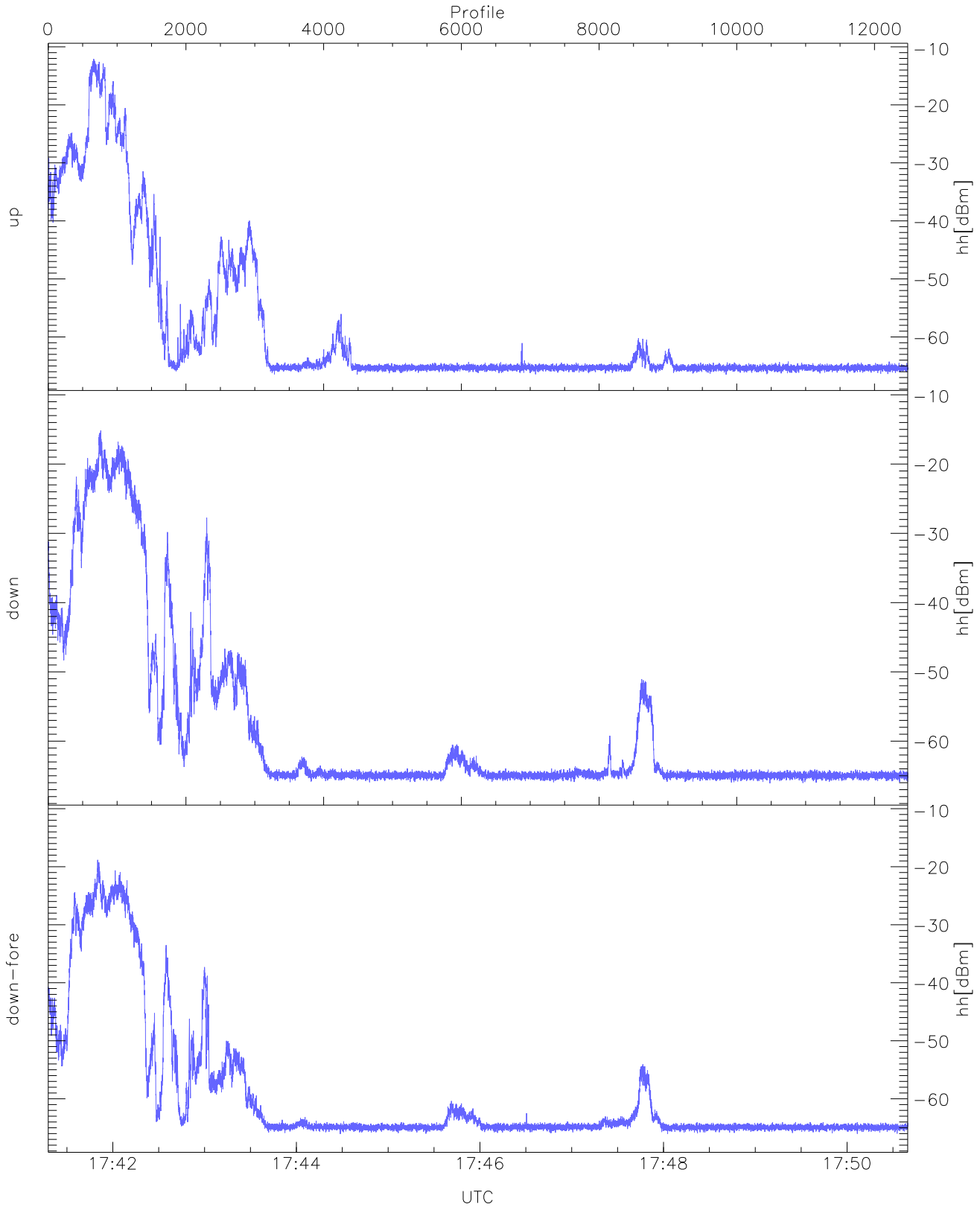
WCR3 CPP Averaged Received power for all recorded gates
blue: 174118-174559, 6243 profiles averaged
red: 174559-175040, 6242 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 174118-174559, 6243 profiles averaged
red: 174559-175040, 6242 profiles averaged

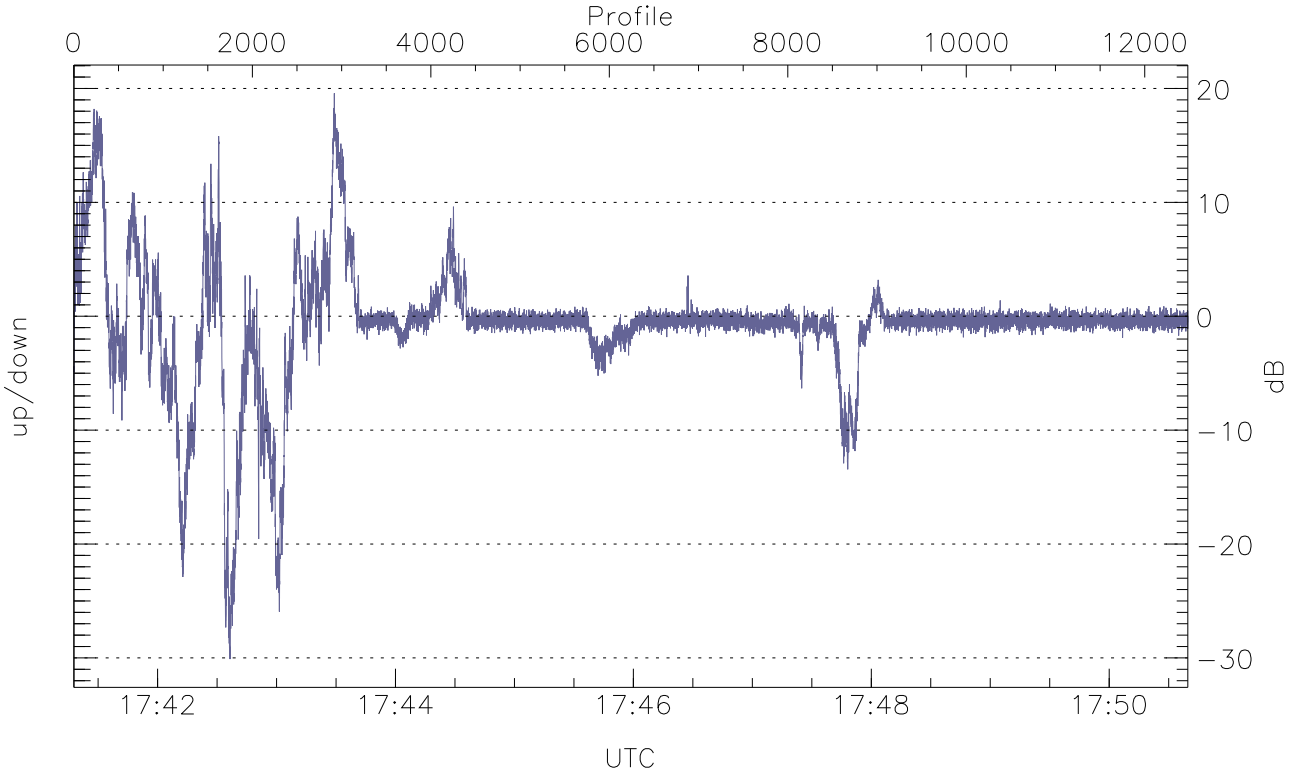


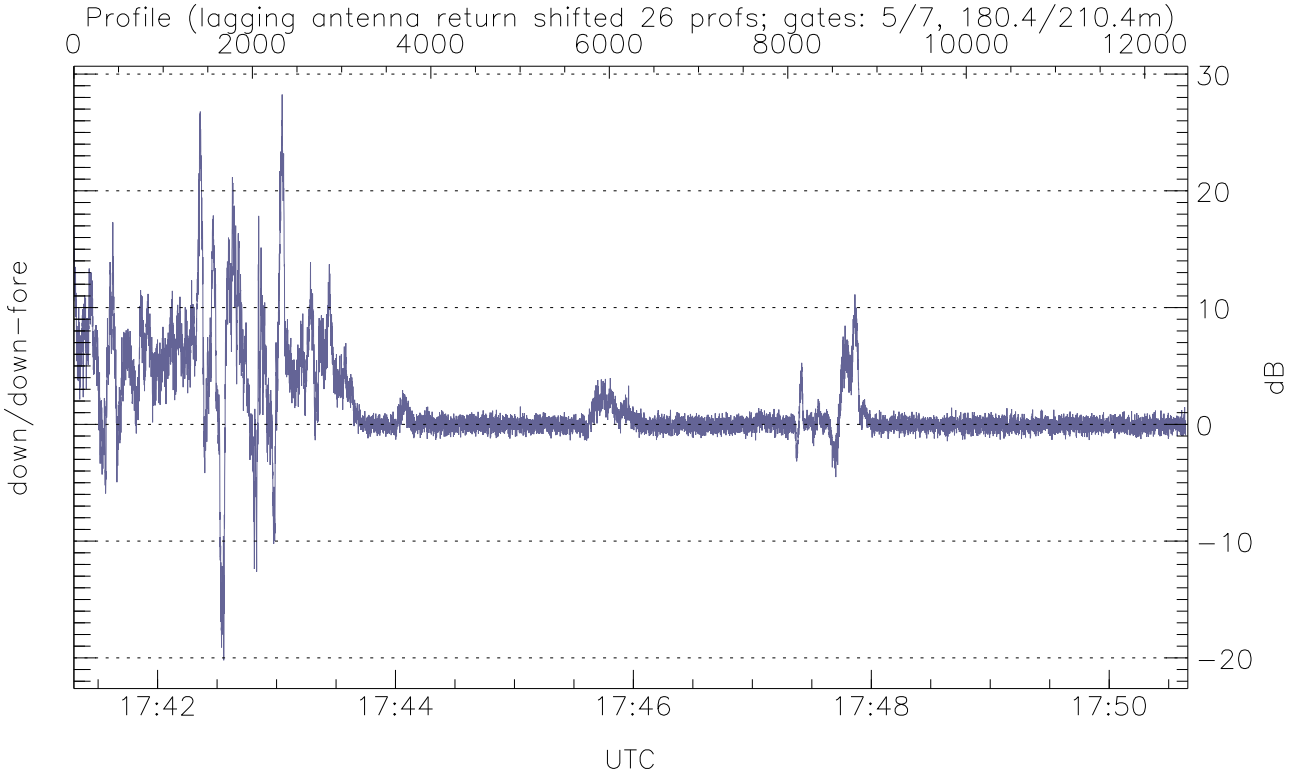
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

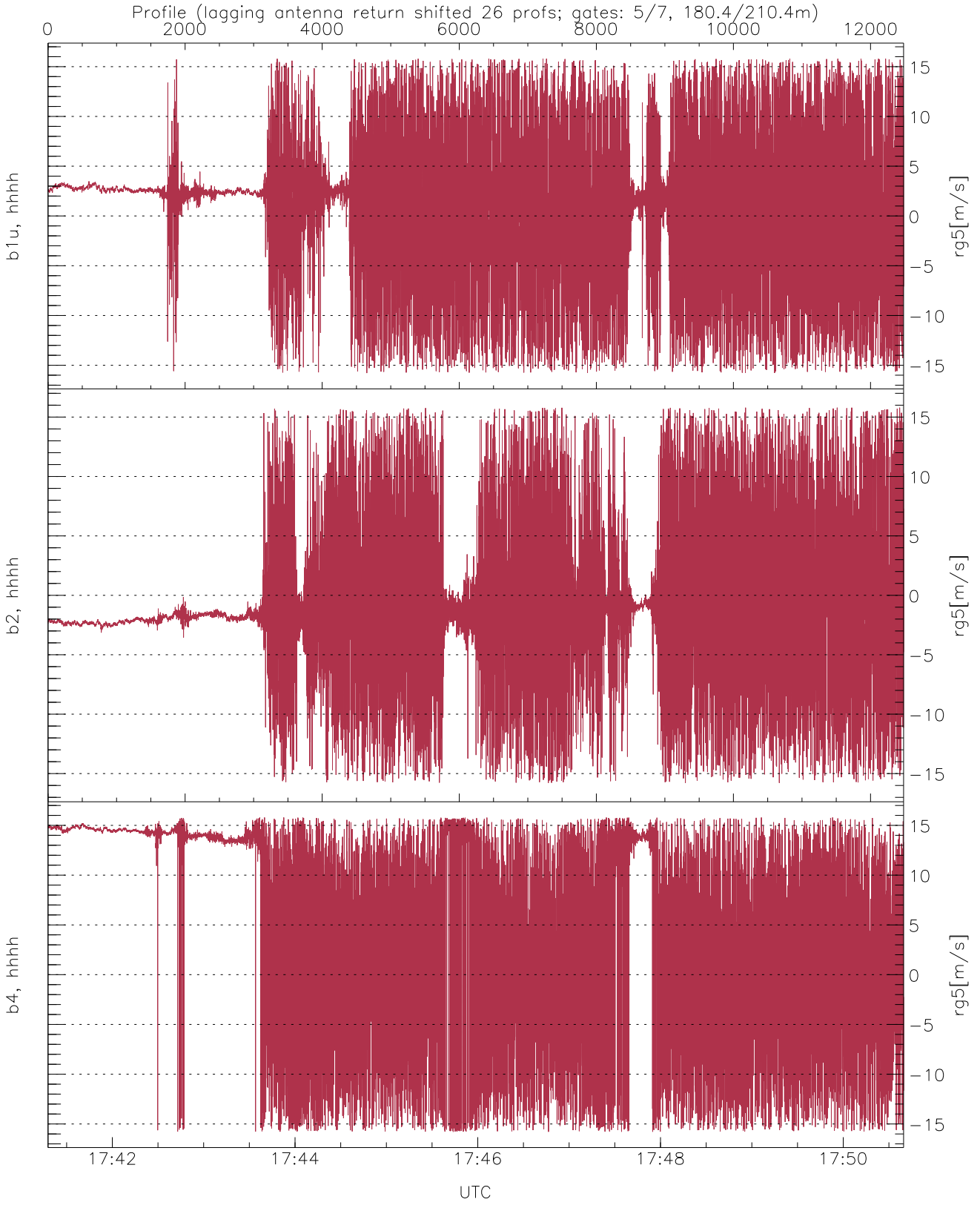
	Min	Max	Mean
up(hh[dBm])	-66.51	-12.10	-30.67
down(hh[dBm])	-66.08	-15.15	-32.50
down-fore(hh[dBm])	-66.07	-18.82	-36.69





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

	Min	Max	Mean
up/down(dB)	-30.10	19.57	-0.77
down/down-fore(dB)	-20.21	28.25	1.58



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.77	6.88
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.72	6.53
b4, hhhh(rg5[m/s])	-15.79	15.79	4.62	10.14