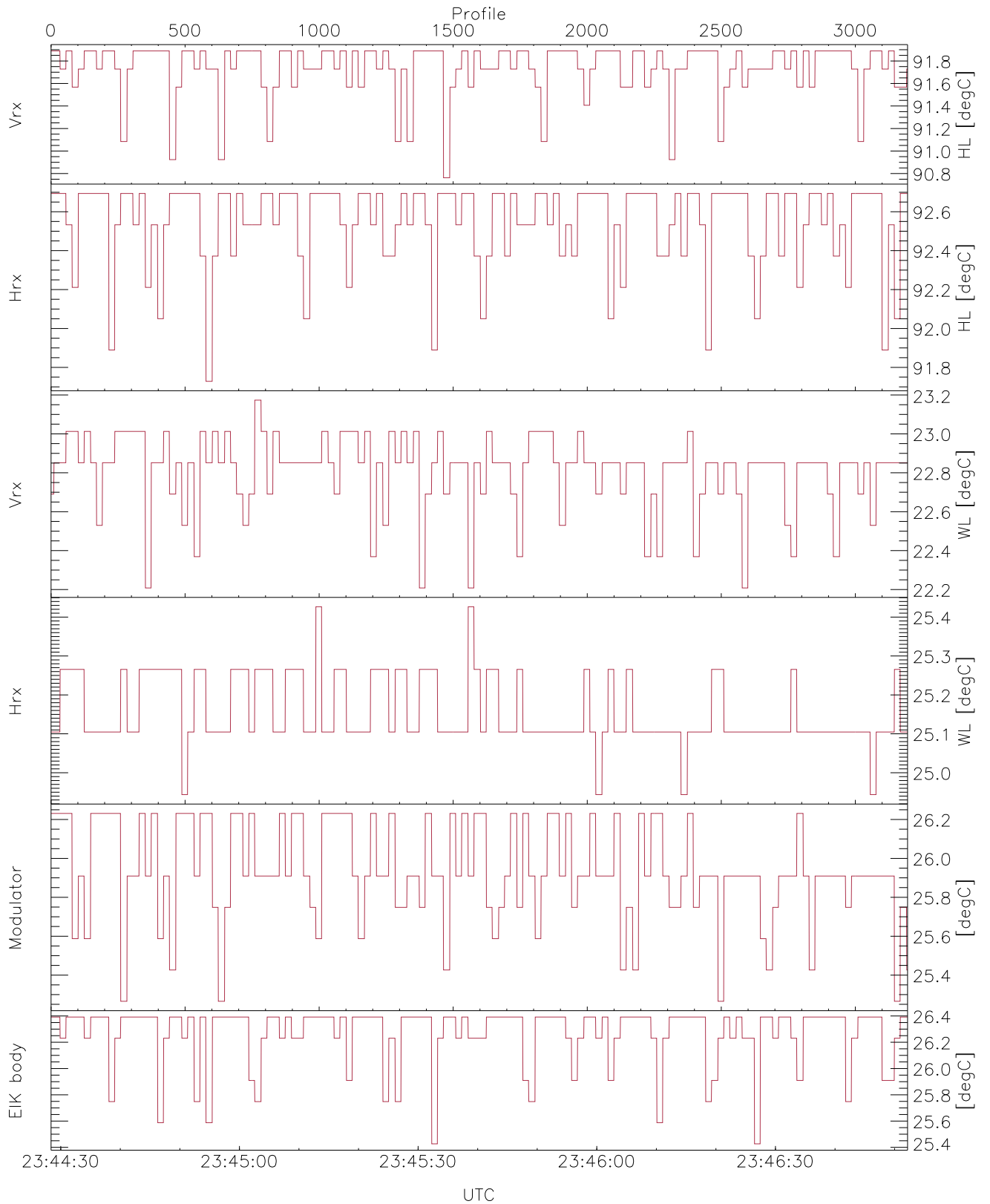


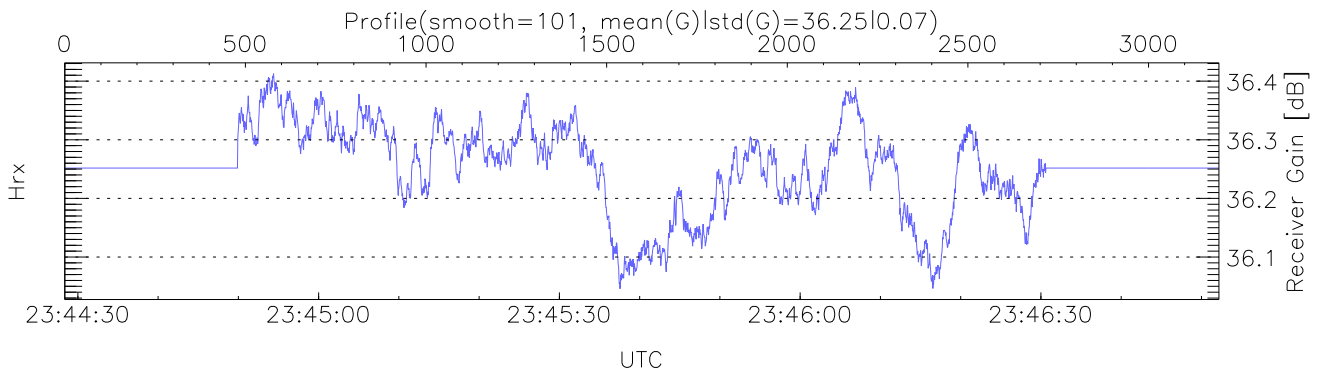
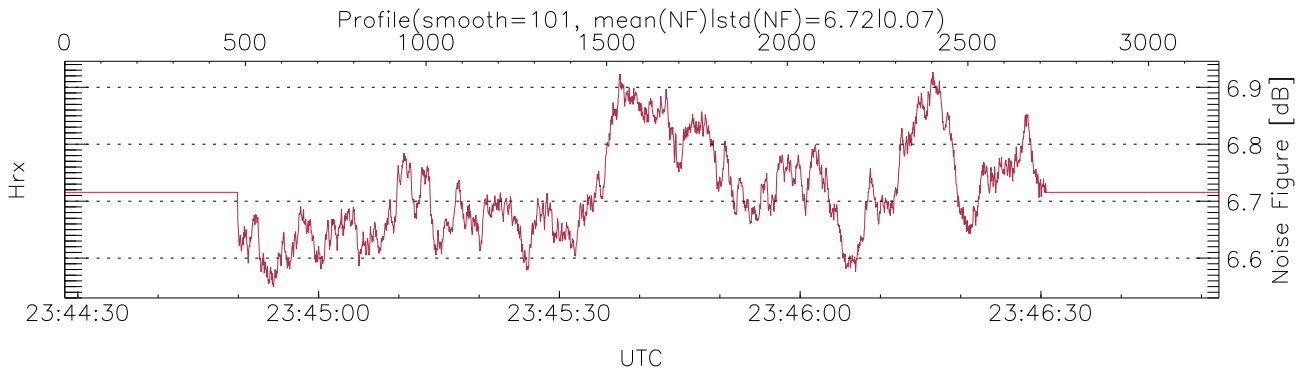
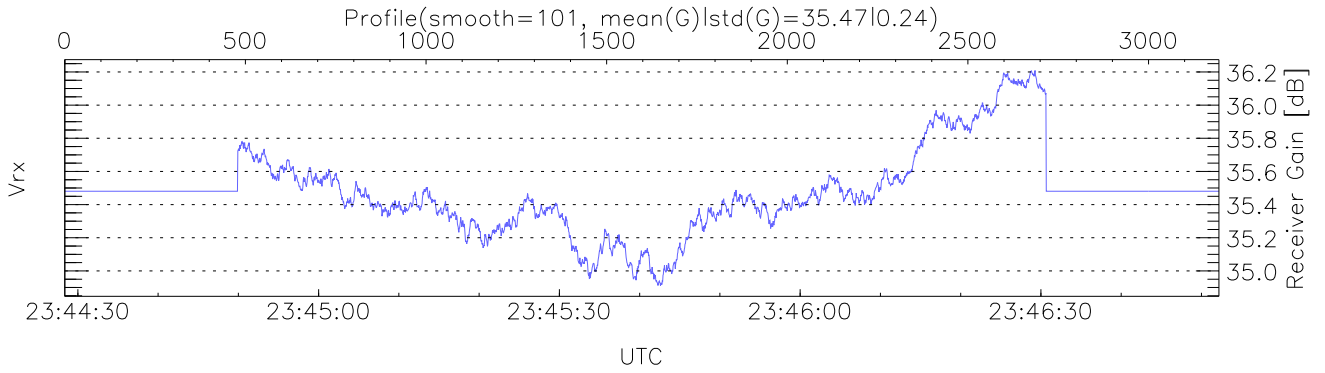
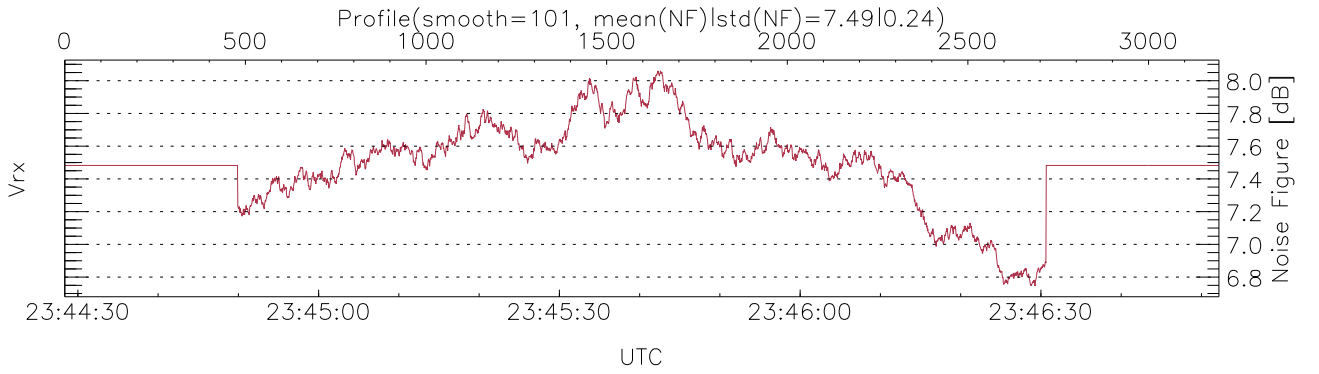
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 23:44:28-23:46:52, TimeCor: 0.00s, Dur: 143.81s
 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): 3196/3196, 0-3195/23:44:28-23:46:52
 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 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



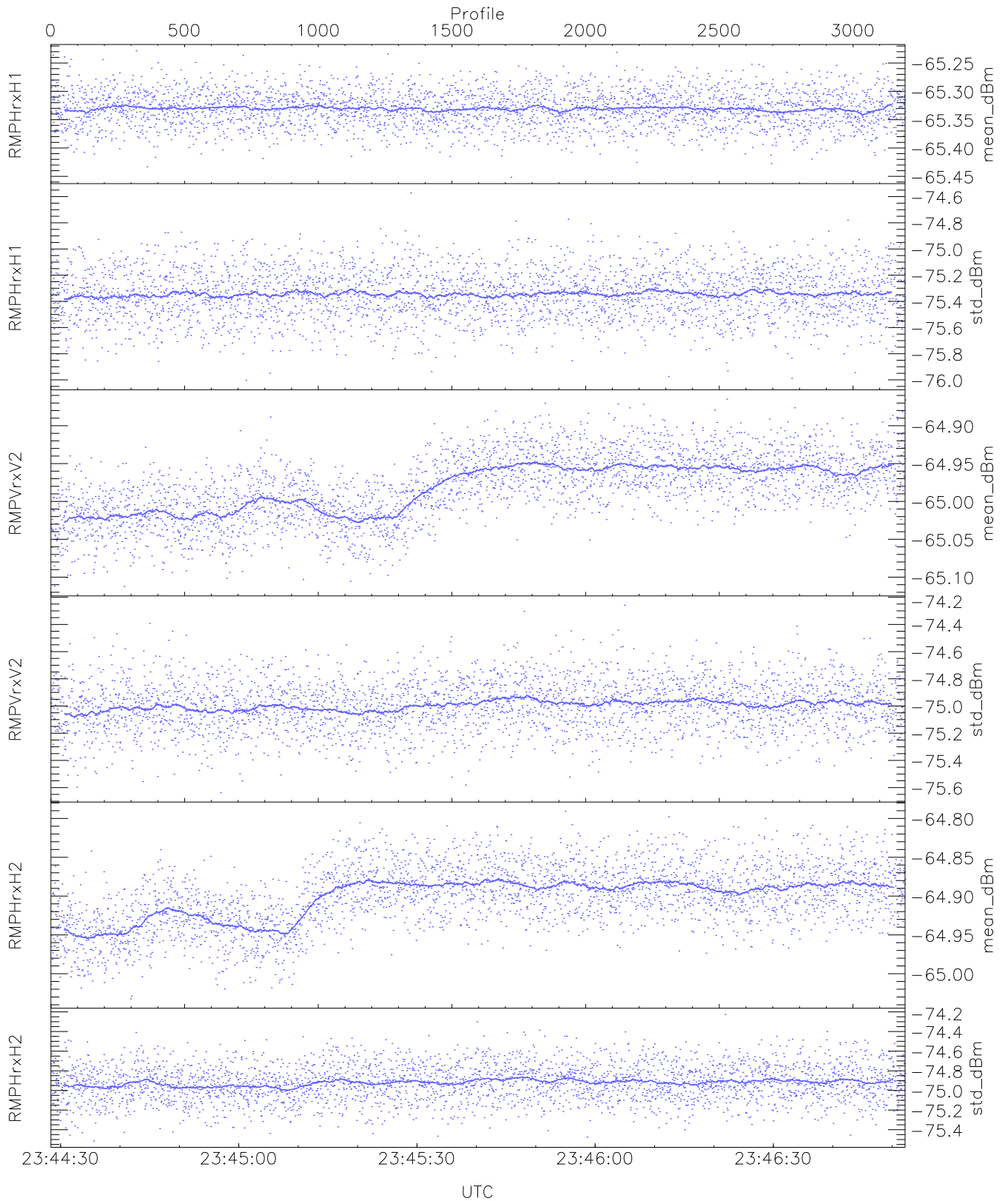
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,25,26,26
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



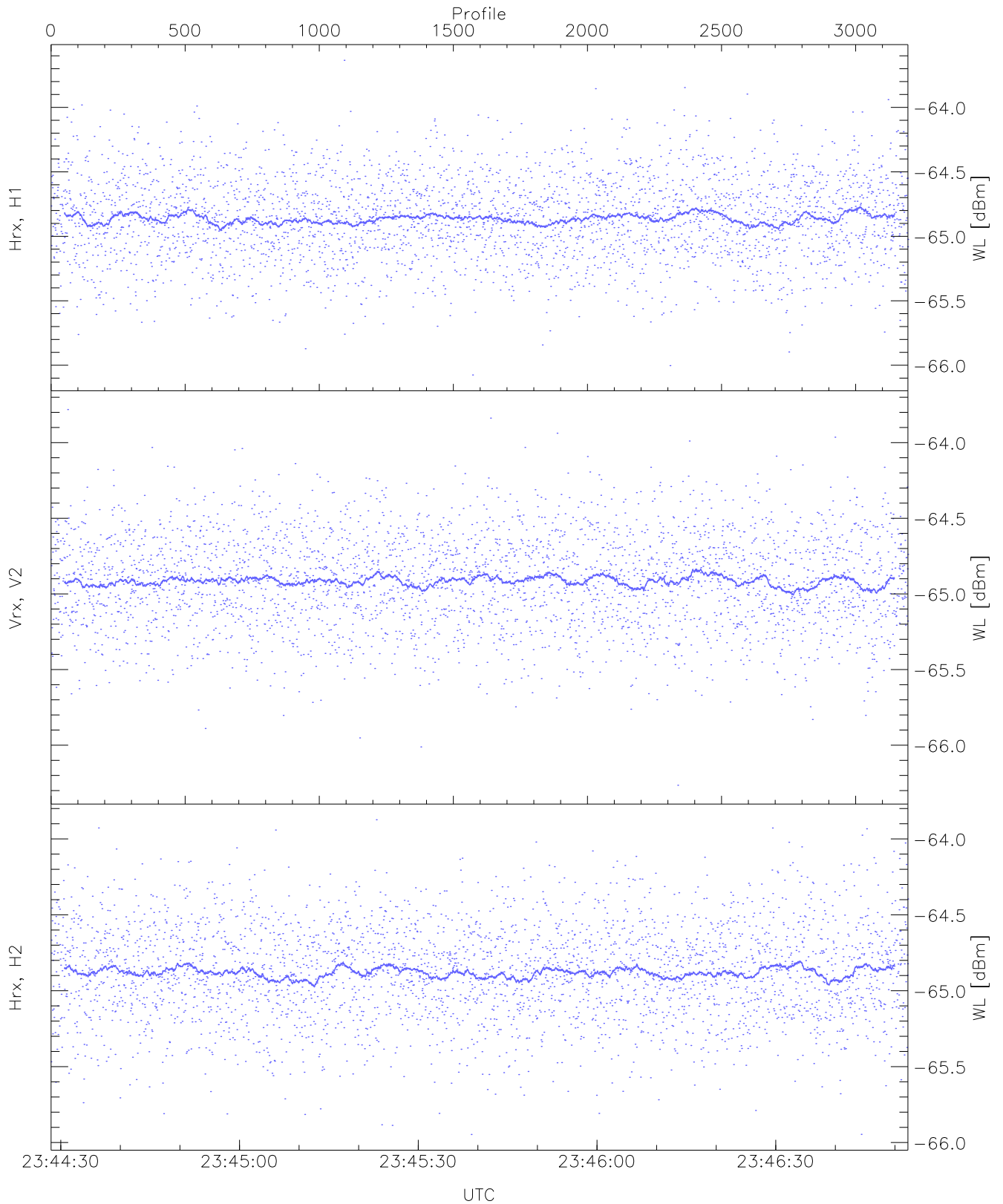
WCR3 CPP Receivers Gain and Noise Figure

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



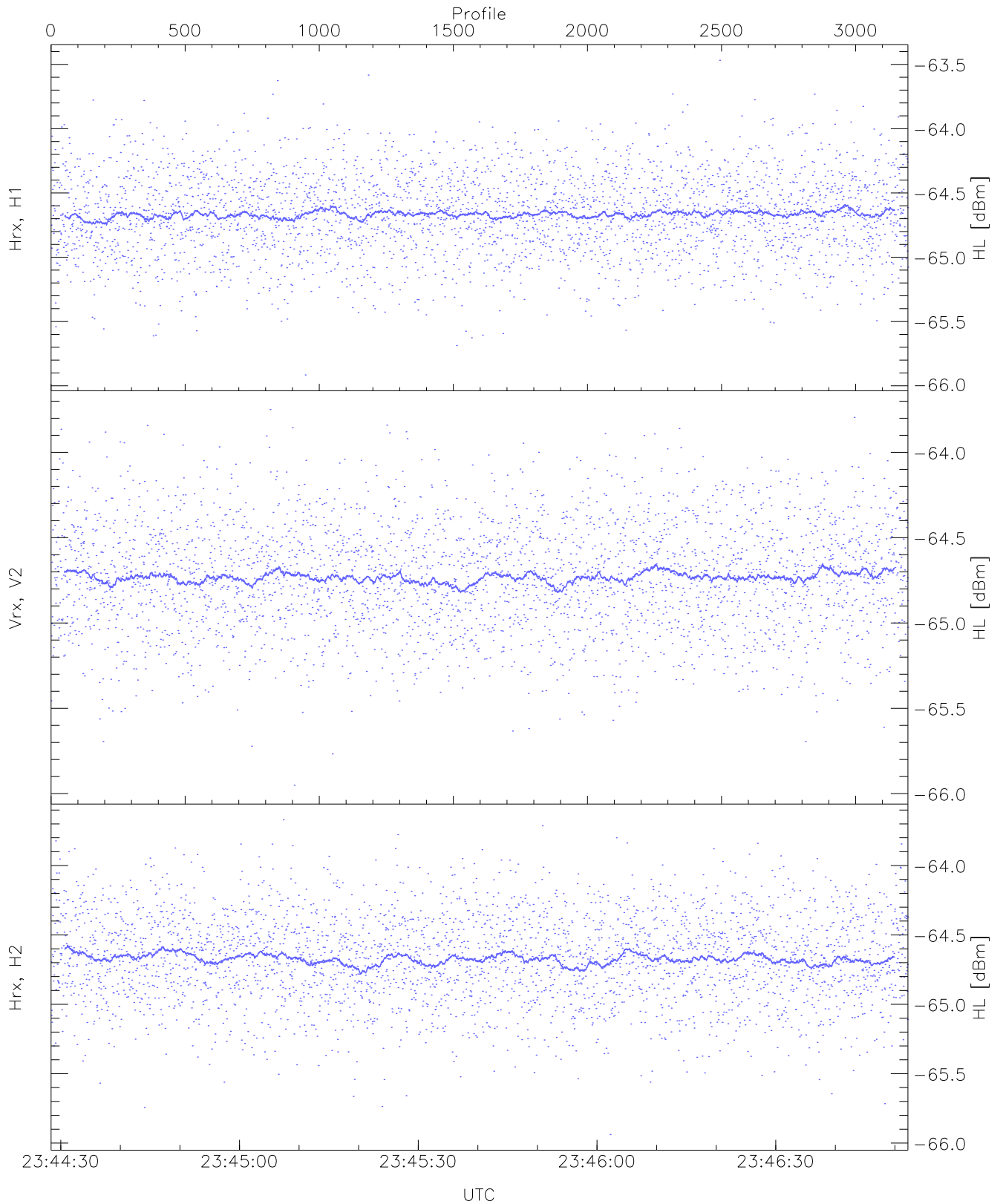
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.45	-65.23	-65.33	-65.33	-86.82
RMPHrxH1 (std_dBm)	-76.00	-74.57	-75.34	-75.35	-89.04
RMPVrxV2 (mean_dBm)	-65.11	-64.86	-64.98	-64.98	-85.10
RMPVrxV2 (std_dBm)	-75.64	-74.26	-74.99	-75.00	-88.80
RMPHrxH2 (mean_dBm)	-65.03	-64.79	-64.90	-64.90	-85.38
RMPHrxH2 (std_dBm)	-75.52	-74.23	-74.92	-74.92	-88.72



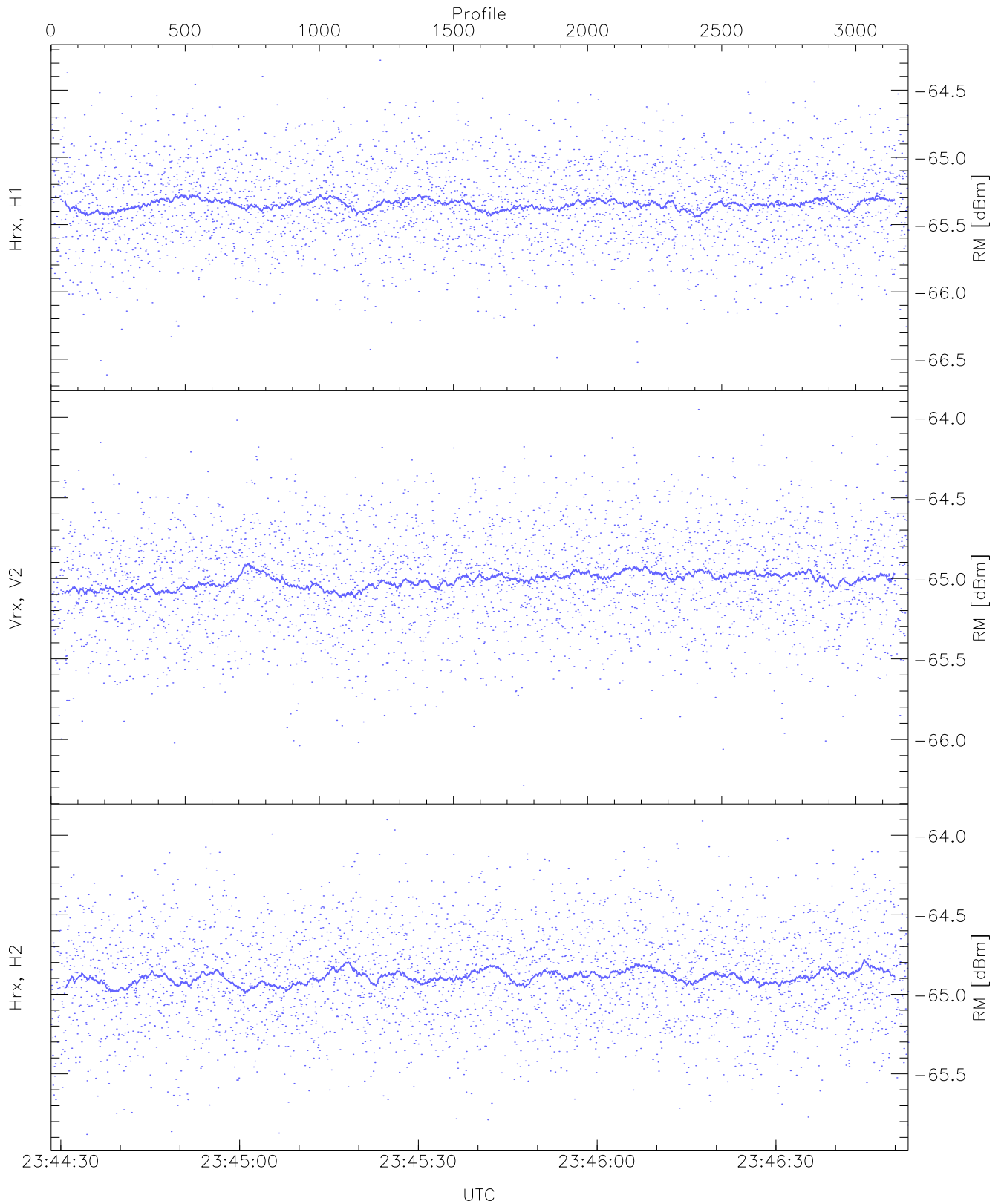
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.08	-63.63	-64.85	-64.86	-76.26
Vrx, V2 (WL [dBm])	-66.26	-63.78	-64.91	-64.91	-76.49
Hrx, H2 (WL [dBm])	-65.95	-63.87	-64.87	-64.88	-76.38



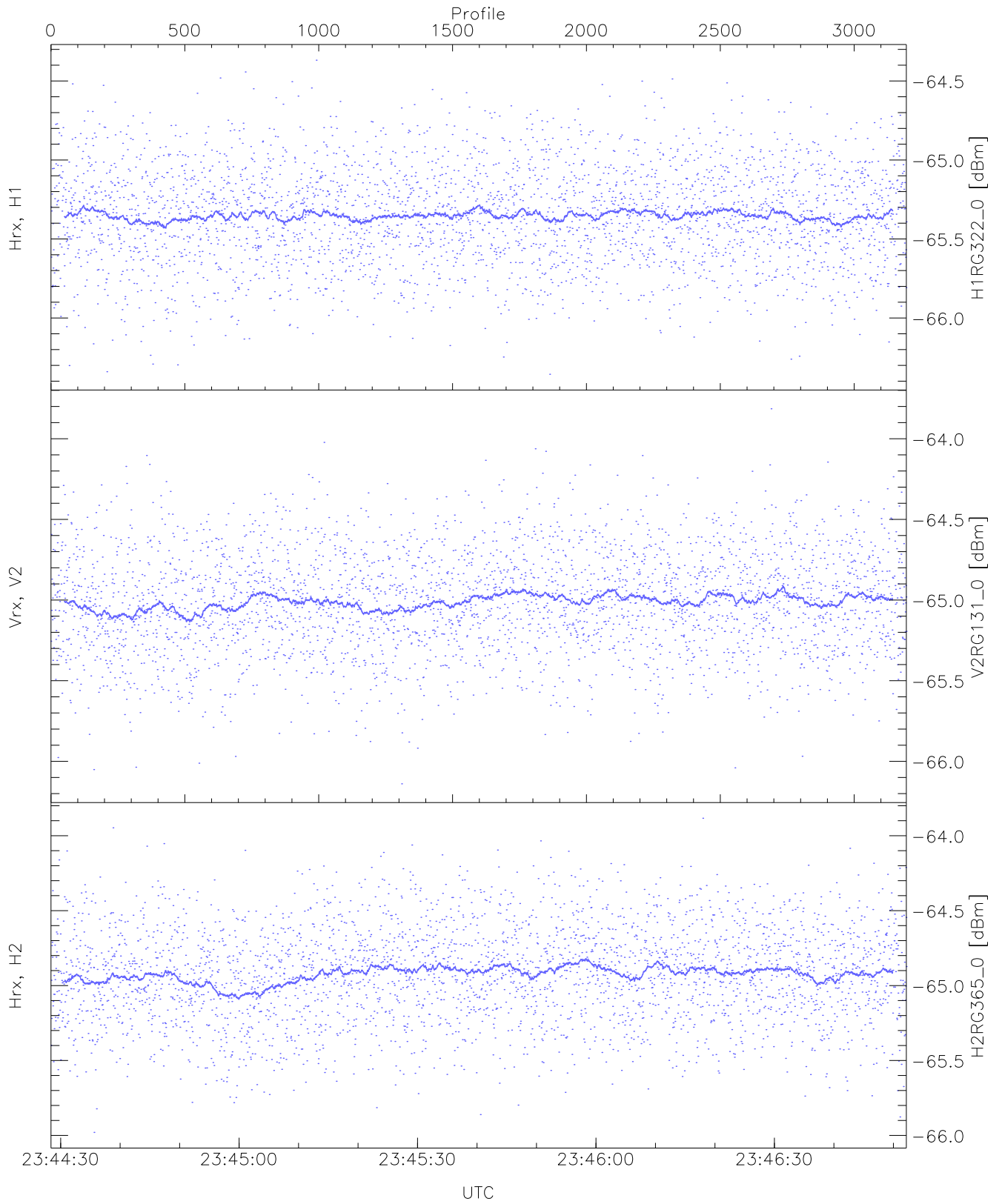
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.92	-63.47	-64.66	-64.66	-76.13
Vrx, V2 (HL [dBm])	-65.95	-63.75	-64.72	-64.73	-76.20
Hrx, H2 (HL [dBm])	-65.94	-63.67	-64.66	-64.67	-76.14



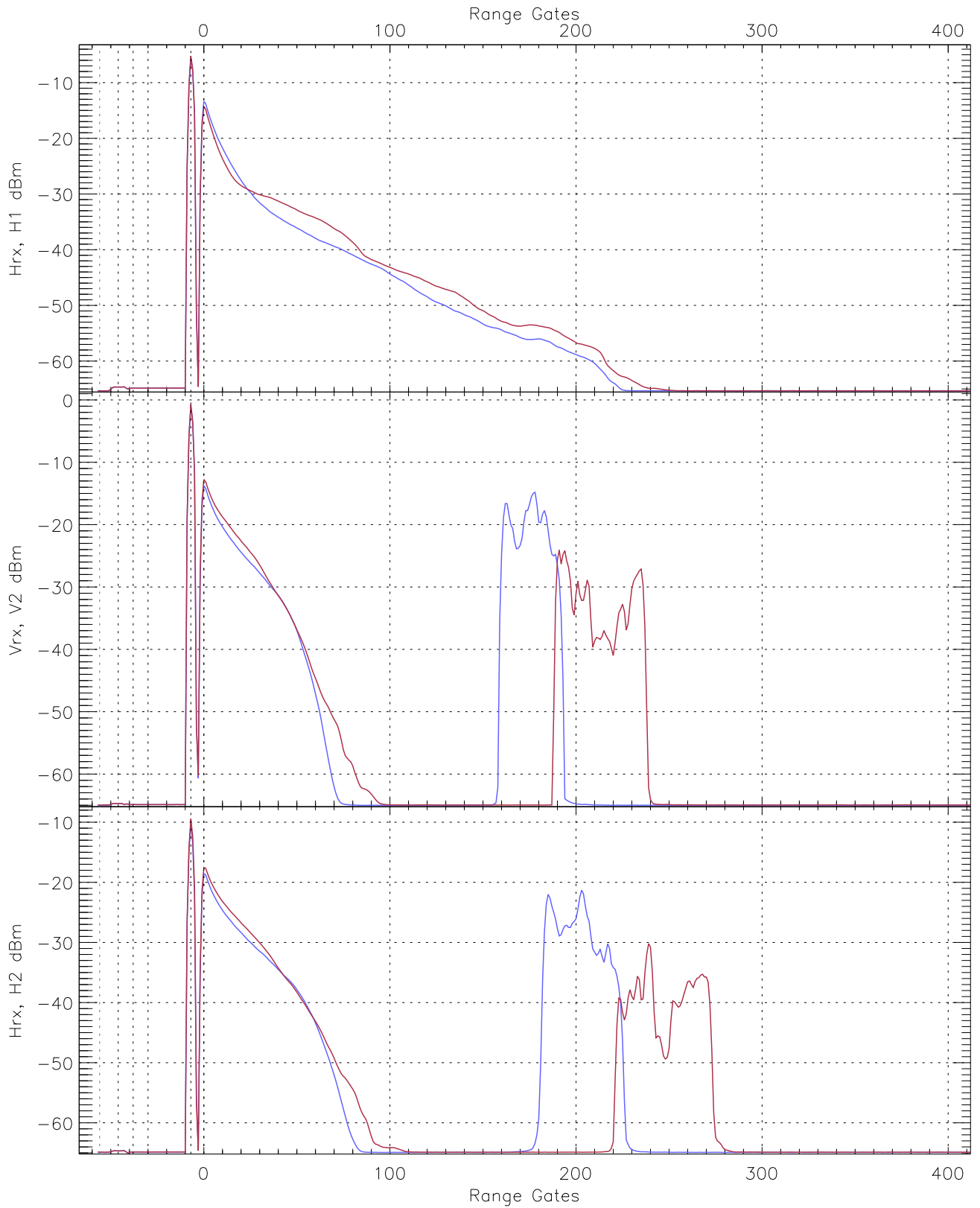
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.62	-64.28	-65.34	-65.35	-76.75
Vrx, V2 (RM [dBm])	-66.28	-63.95	-65.00	-65.01	-76.48
Hrx, H2 (RM [dBm])	-65.88	-63.90	-64.88	-64.90	-76.40

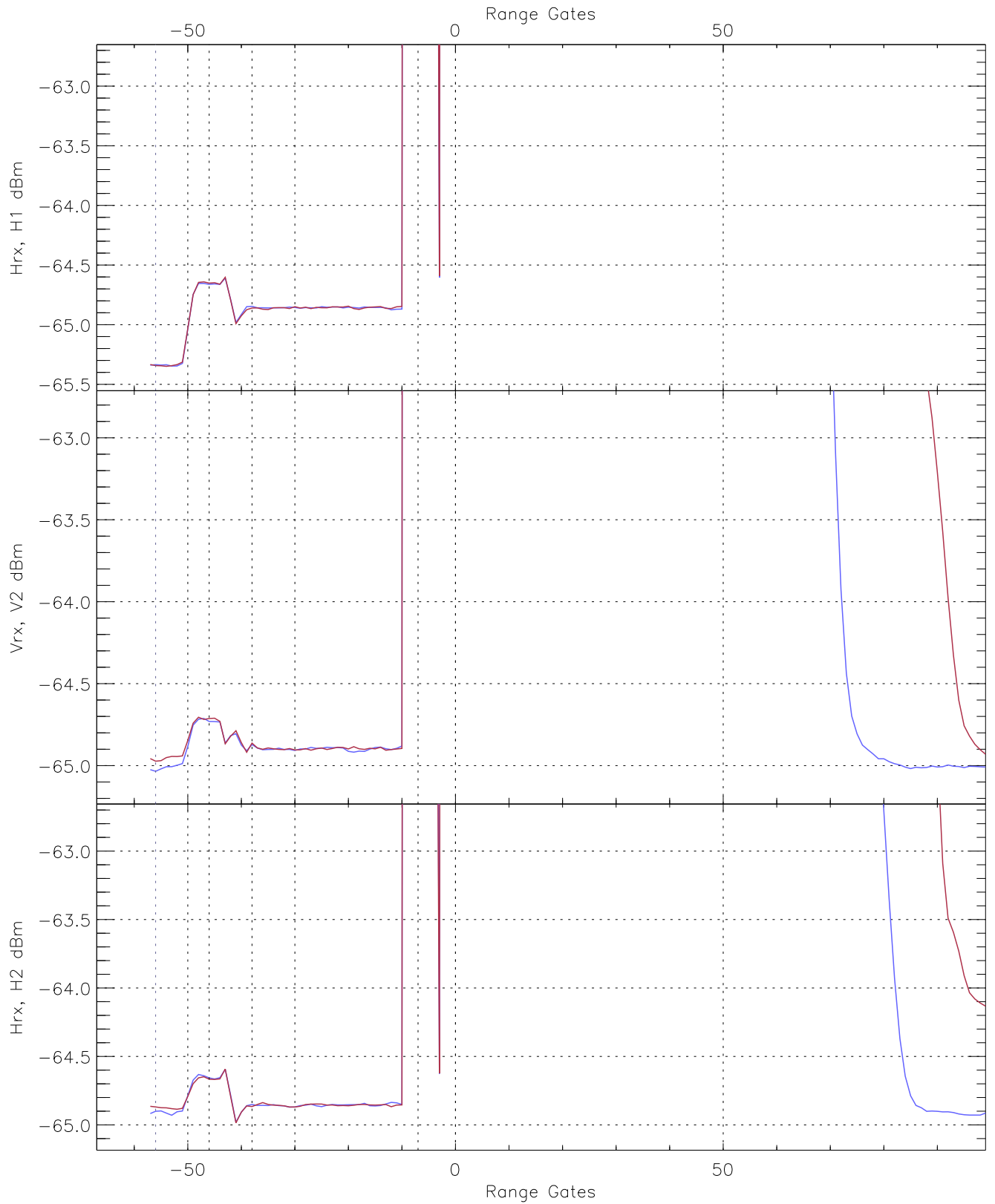


WCR3 CPP "Best" estimate Receivers Noise Power

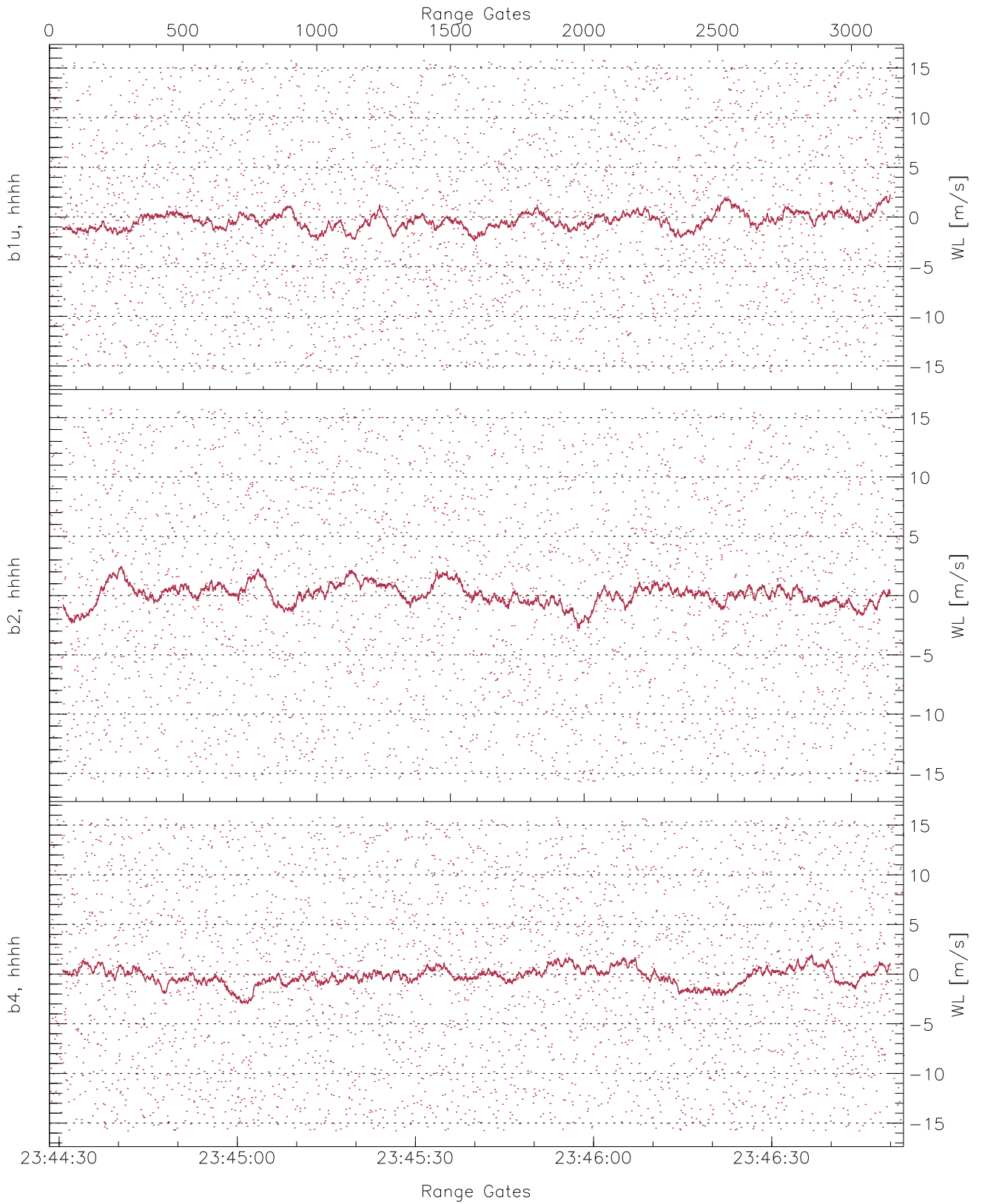
	Min	Max	Mean	Median	StDev
H1RG322_0 [dBm]	-66.36	-64.37	-65.34	-65.35	-76.88
V2RG131_0 [dBm]	-66.14	-63.81	-65.00	-65.01	-76.51
H2RG365_0 [dBm]	-65.98	-63.88	-64.92	-64.92	-76.37



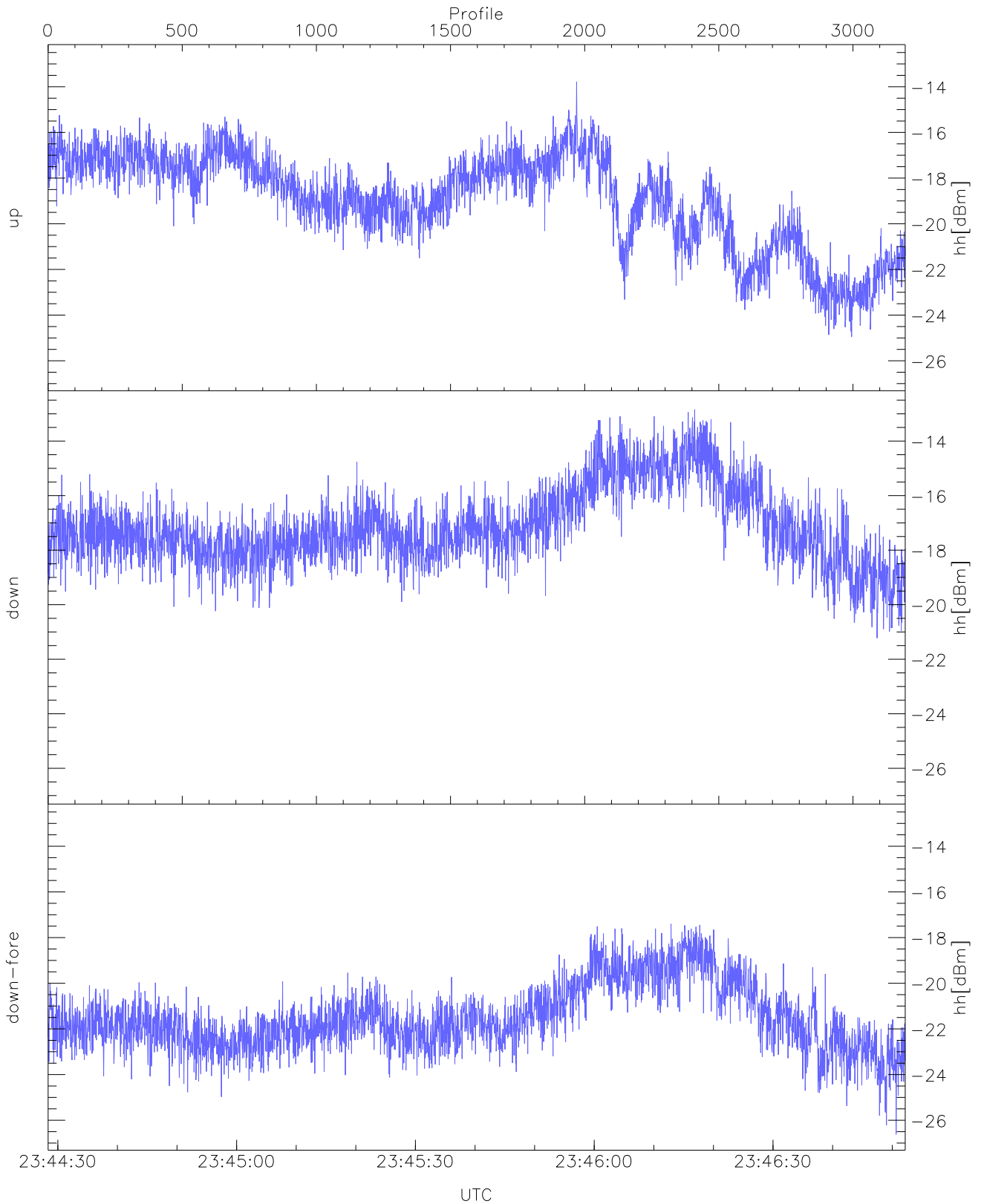
WCR3 CPP Averaged Received power for all recorded gates
blue: 234428-234540, 1599 profiles averaged
red: 234540-234652, 1598 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 234428-234540, 1599 profiles averaged
red: 234540-234652, 1598 profiles averaged

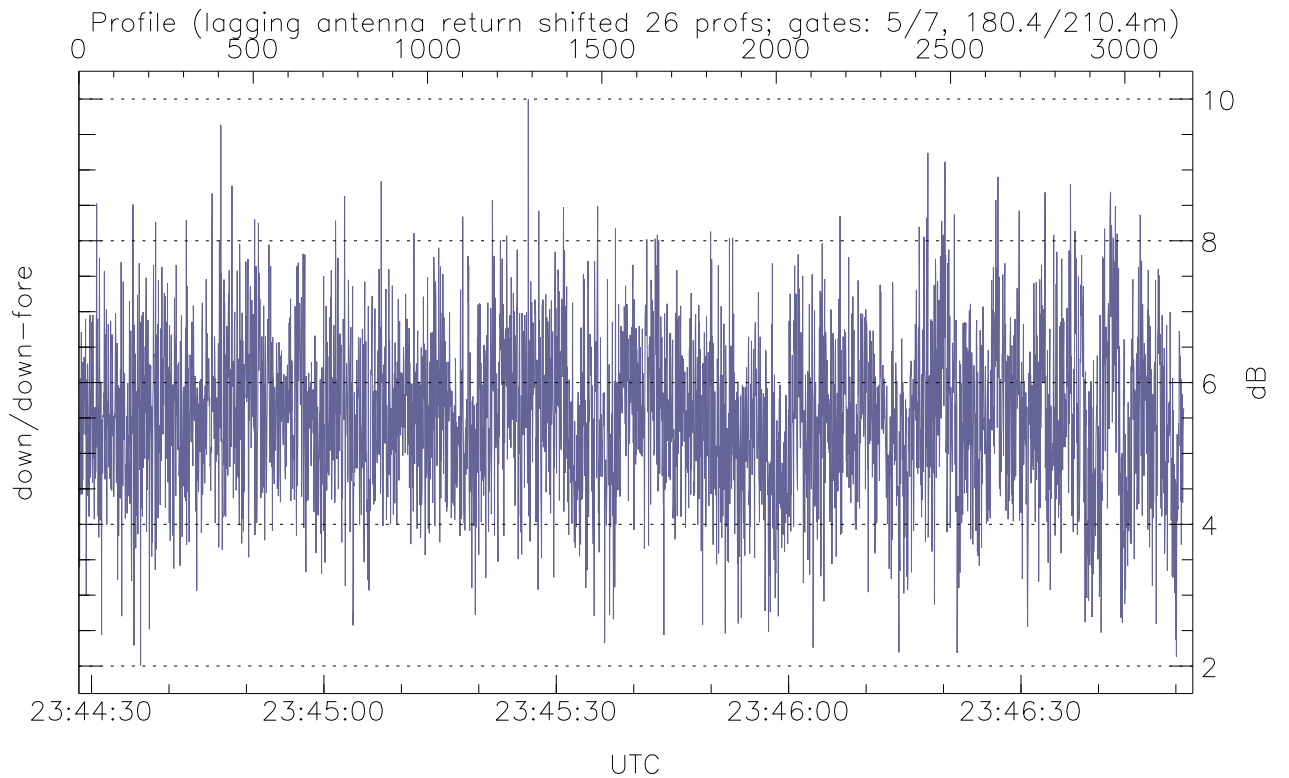
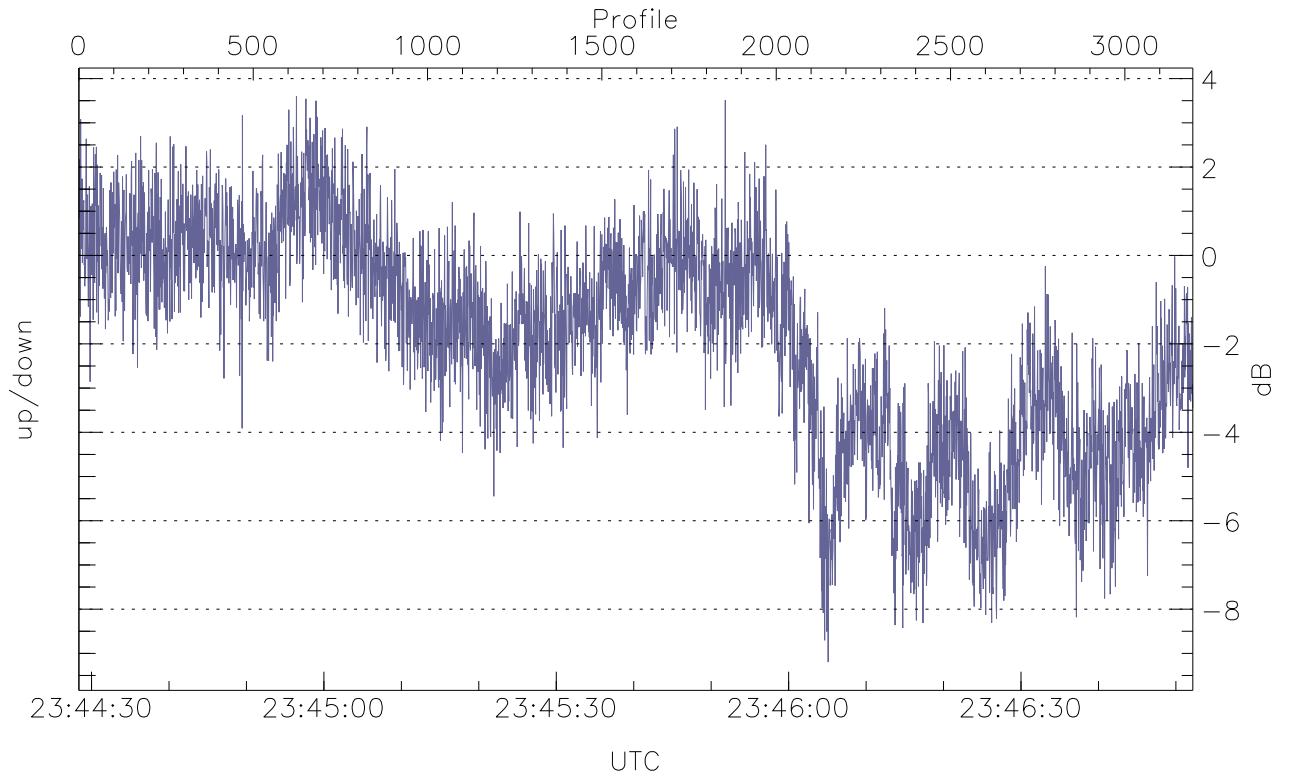


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



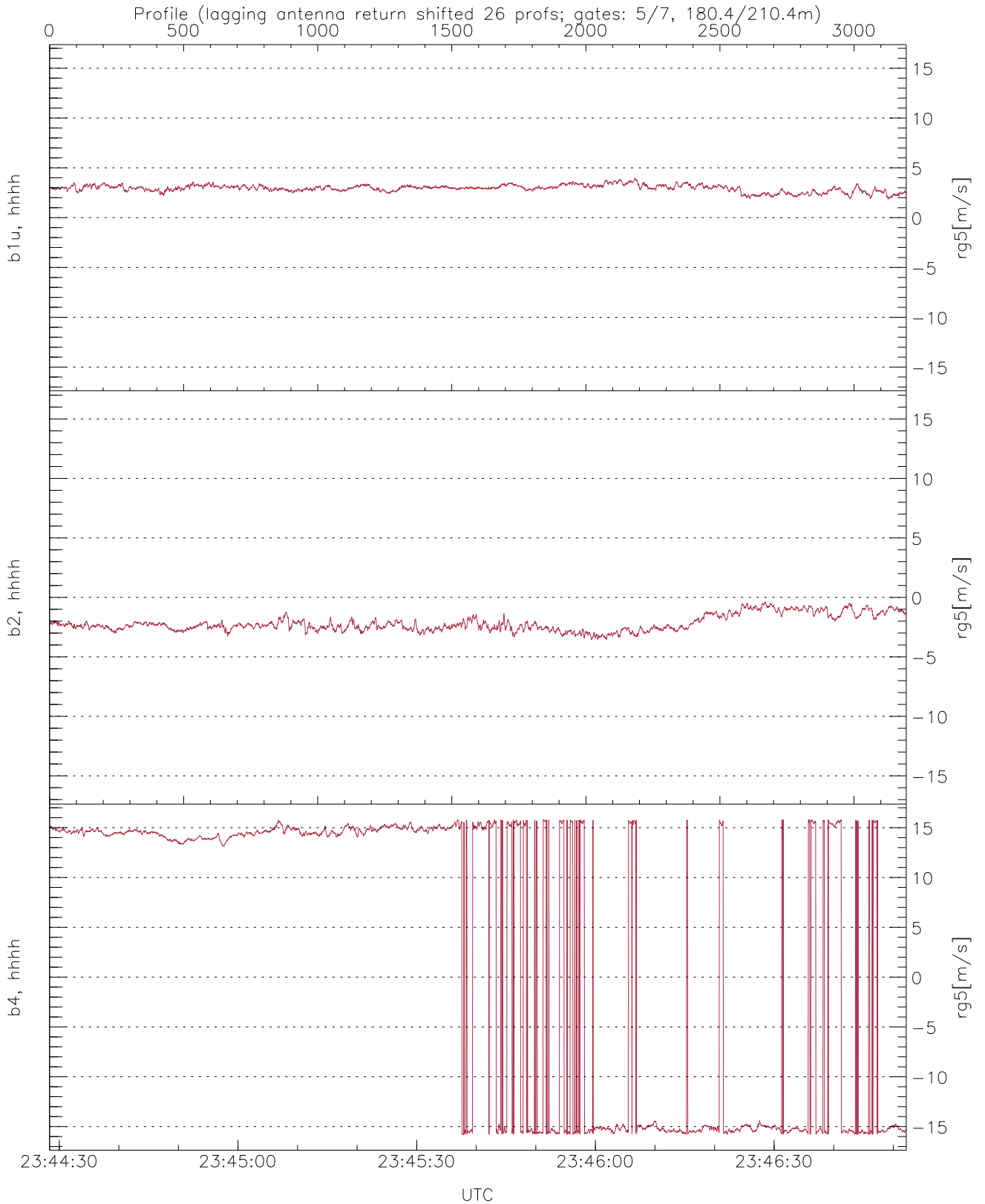
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-24.95	-13.79	-18.53
down(hh[dBm])	-21.23	-12.84	-16.88
down-fore(hh[dBm])	-26.62	-17.40	-21.27



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

	Min	Max	Mean
up/down (dB)	-9.20	3.60	-1.85
down/down-fore (dB)	2.01	9.99	5.53



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	1.84	3.98	2.94	0.35
b2, hhhh(rg5[m/s])	-3.57	-0.38	-2.18	0.68
b4, hhhh(rg5[m/s])	-15.79	15.79	2.78	14.73