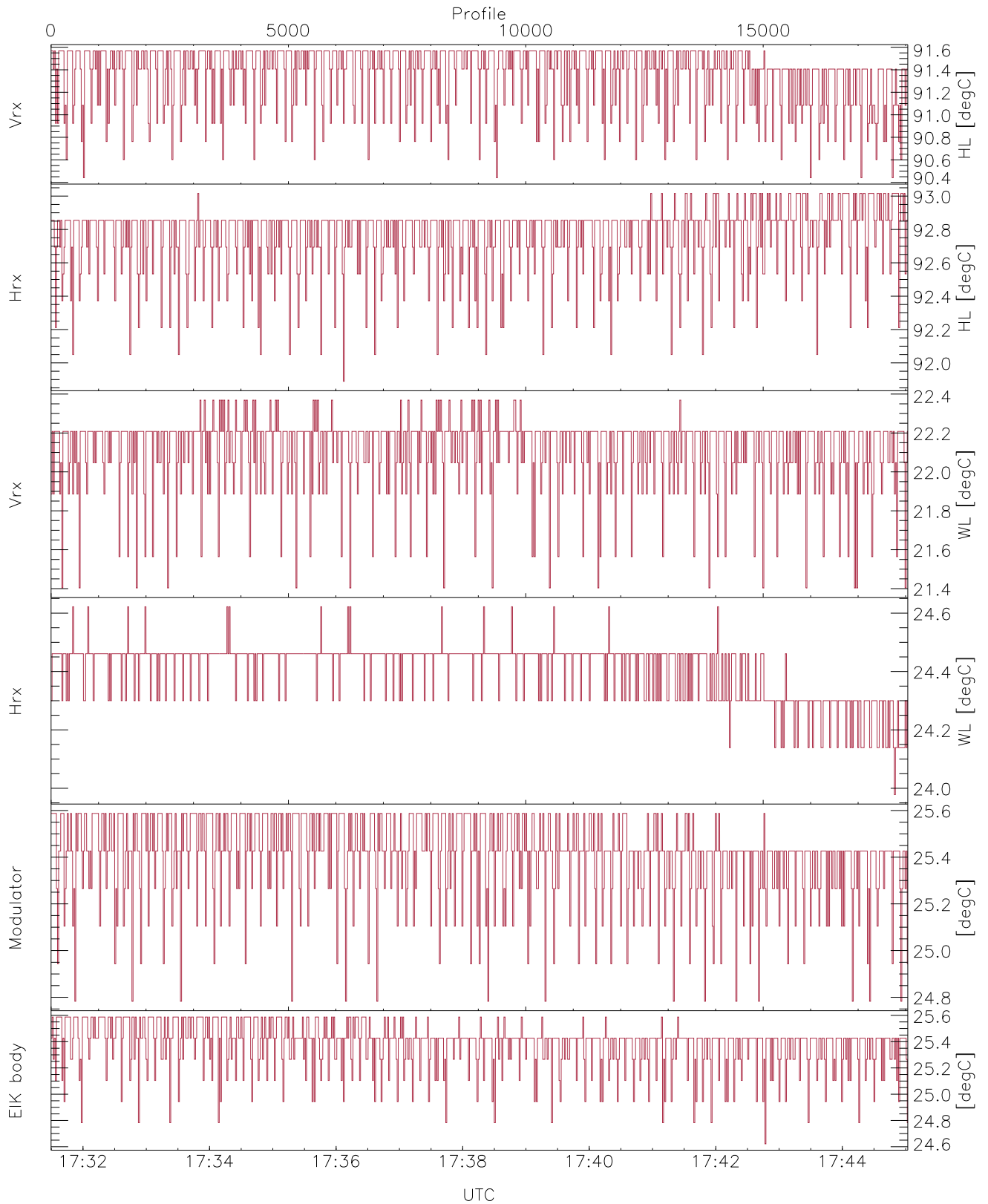


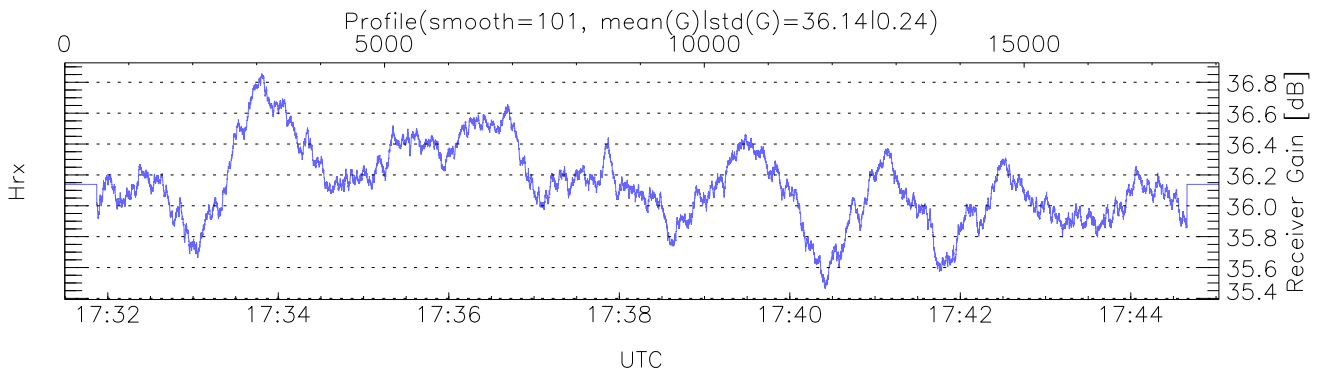
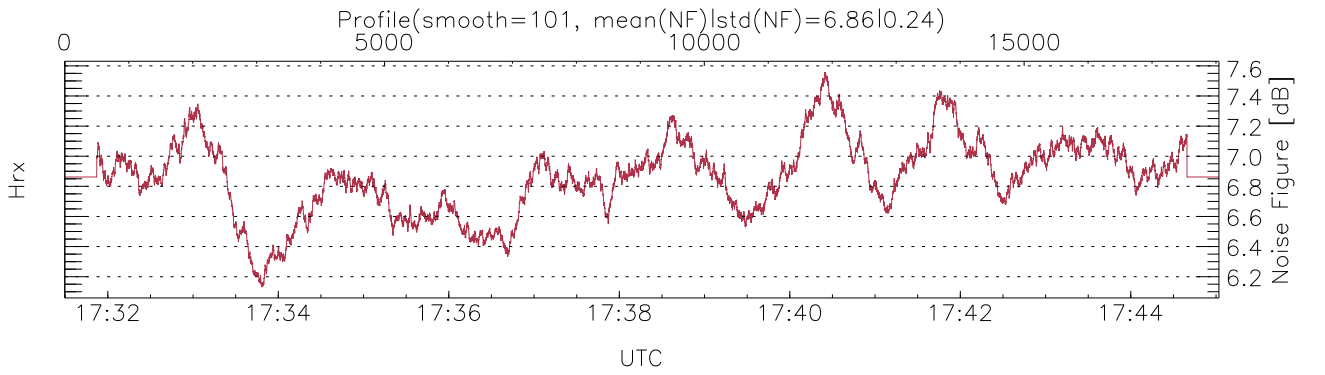
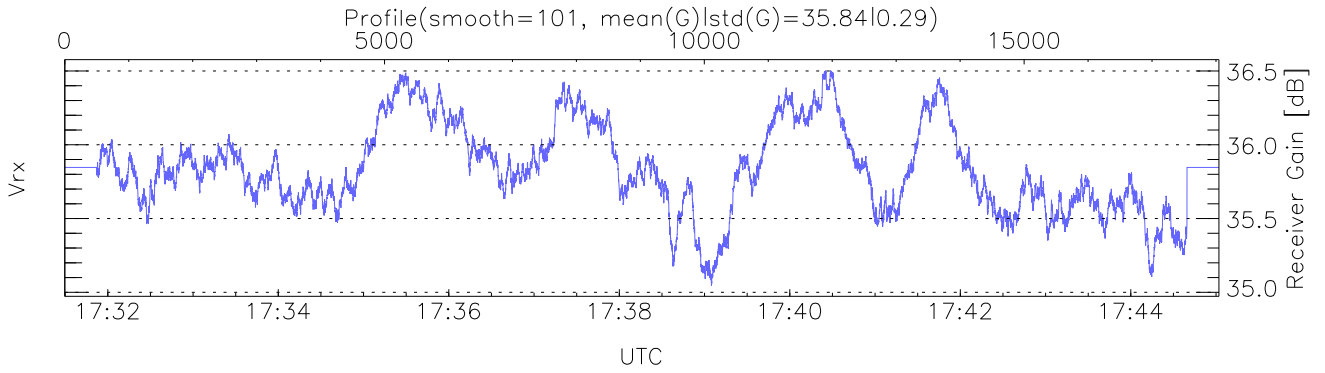
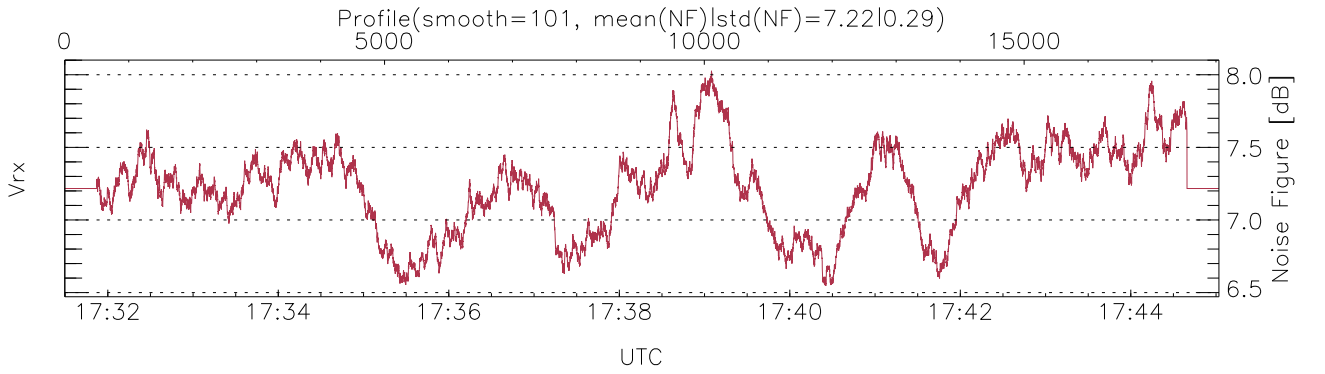
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:31:30-17:45:02, TimeCor: 0.00s, Dur: 812.32s
 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): 18048/18048, 0-18047/17:31:30-17:45:02
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



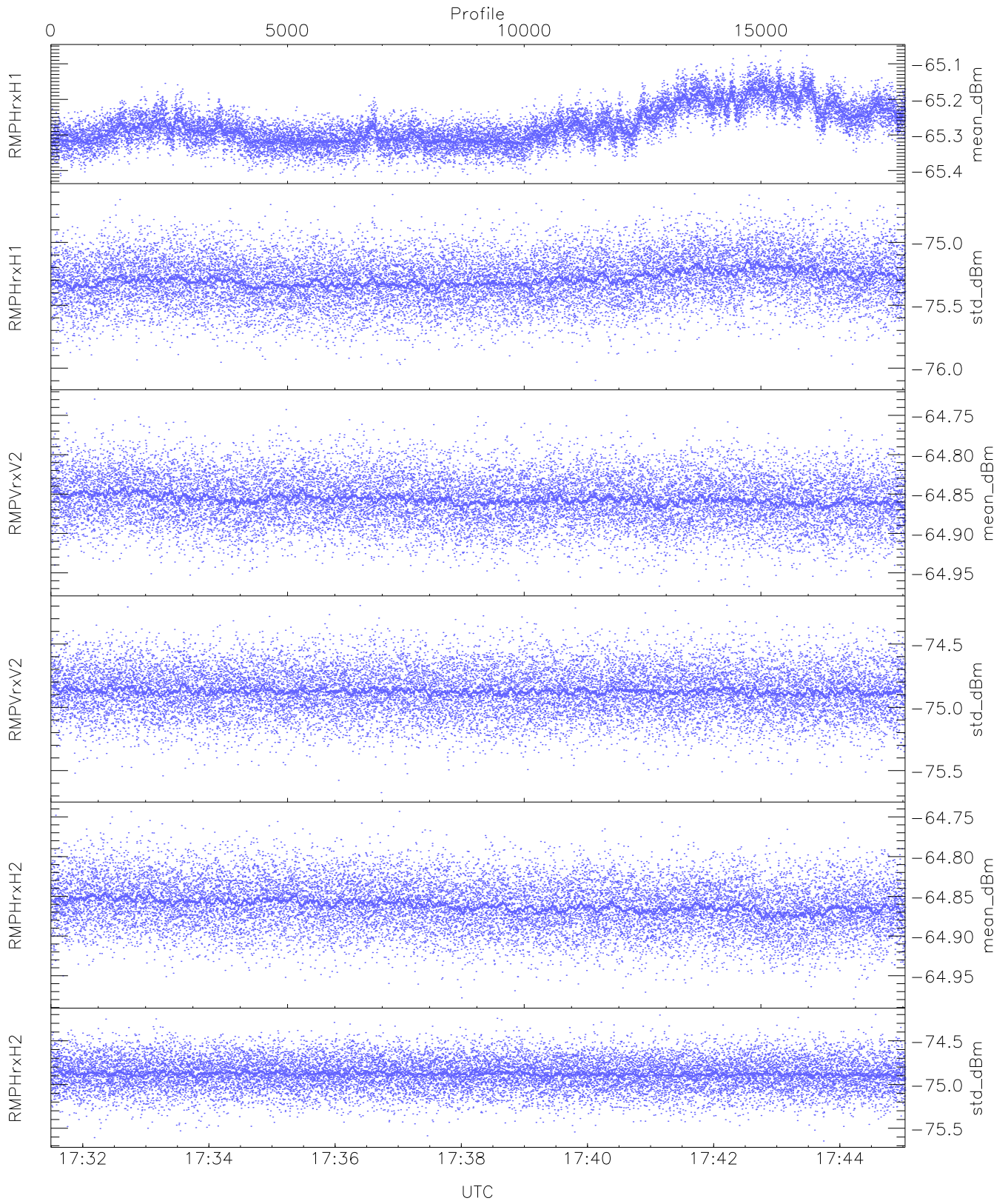
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,21,23,24,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,22,24,25,25
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK/Modulator Faults: None



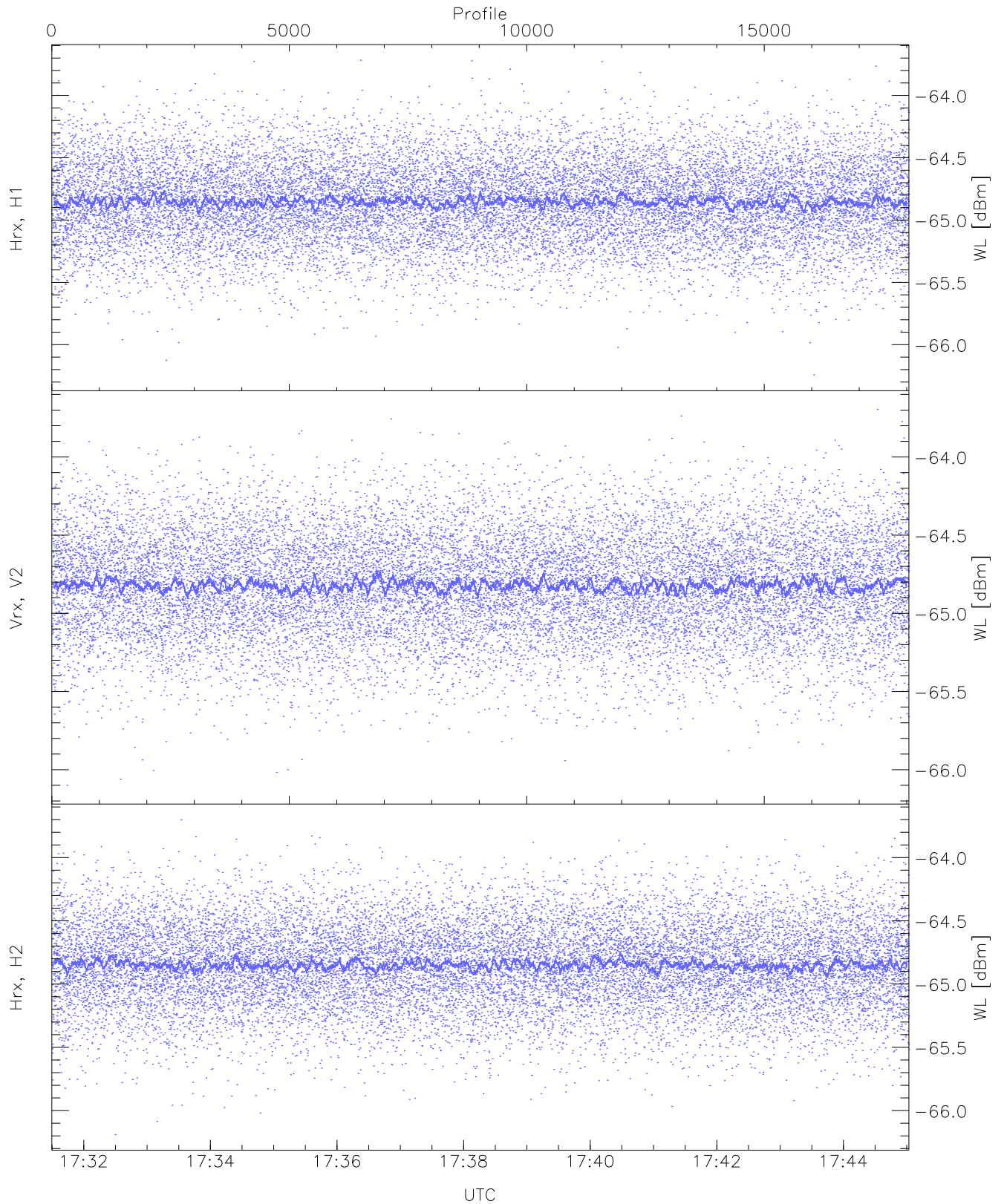
WCR3 CPP Receivers Gain and Noise Figure

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



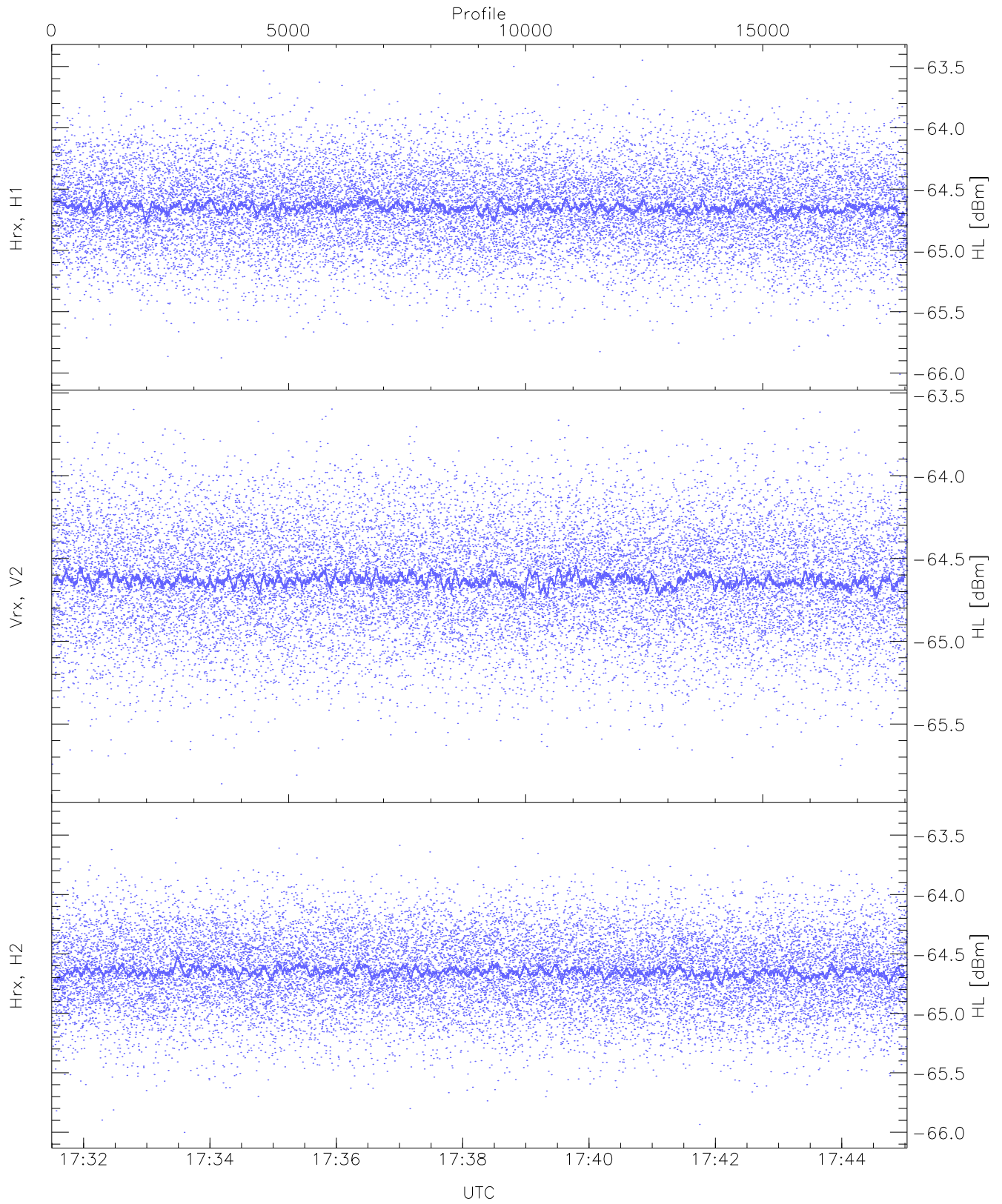
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.06	-65.27	-65.28	-84.14
RMPHrxH1(std_dBm)	-76.10	-74.61	-75.29	-75.29	-88.95
RMPVrxV2(mean_dBm)	-64.97	-64.73	-64.86	-64.86	-86.40
RMPVrxV2(std_dBm)	-75.67	-74.19	-74.87	-74.87	-88.65
RMPHrxH2(mean_dBm)	-64.98	-64.74	-64.86	-64.86	-86.40
RMPHrxH2(std_dBm)	-75.65	-74.20	-74.88	-74.88	-88.68



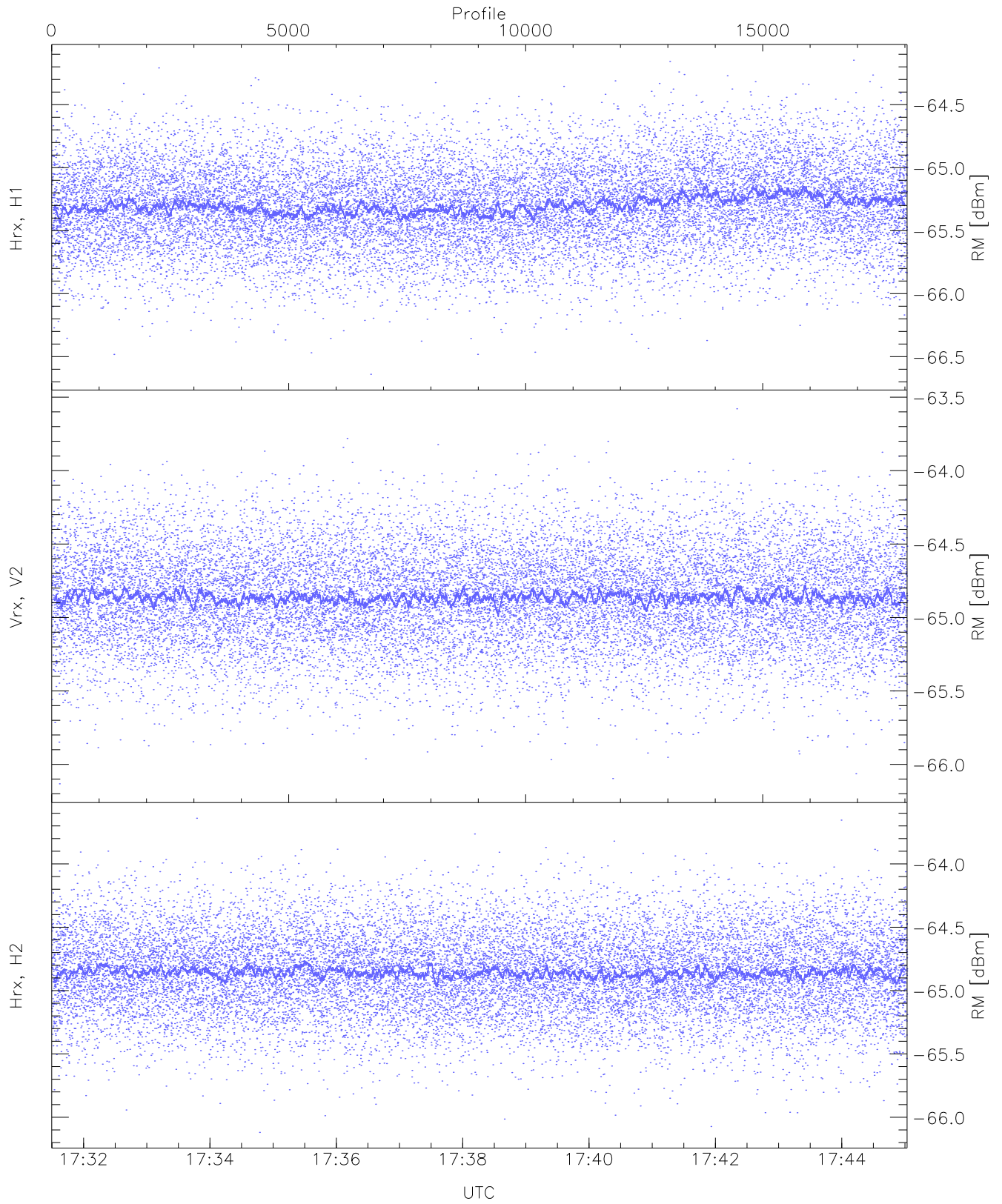
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.72	-64.85	-64.85	-76.35
Vrx, V2 (WL [dBm])	-66.10	-63.70	-64.81	-64.82	-76.33
Hrx, H2 (WL [dBm])	-66.19	-63.70	-64.84	-64.85	-76.33



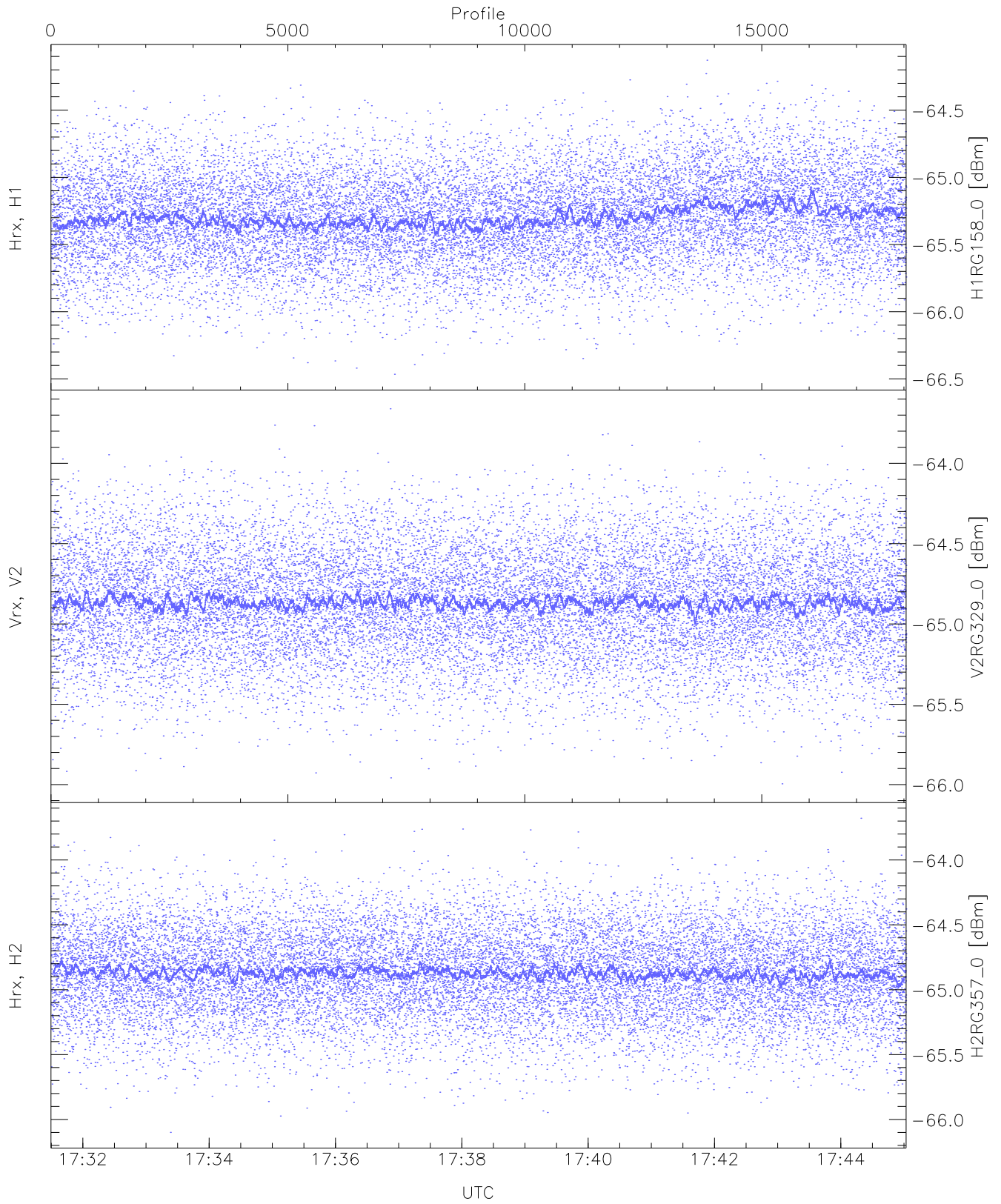
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.01	-63.45	-64.64	-64.65	-76.12
Vrx, V2 (HL [dBm])	-65.86	-63.60	-64.62	-64.63	-76.15
Hrx, H2 (HL [dBm])	-66.00	-63.36	-64.64	-64.65	-76.16



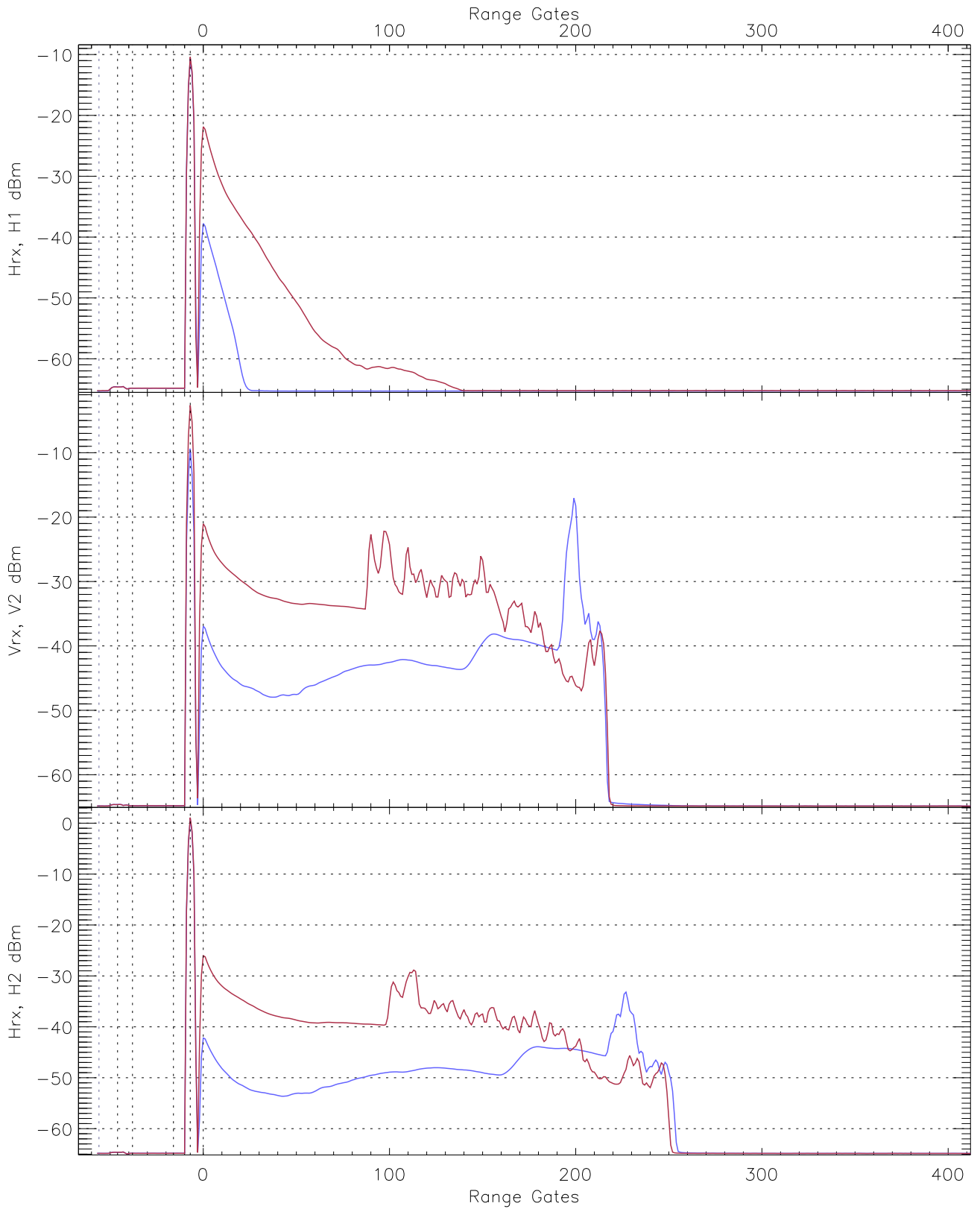
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.64	-64.15	-65.29	-65.30	-76.74
Vrx, V2 (RM [dBm])	-66.13	-63.58	-64.86	-64.86	-76.37
Hrx, H2 (RM [dBm])	-66.12	-63.64	-64.85	-64.86	-76.38

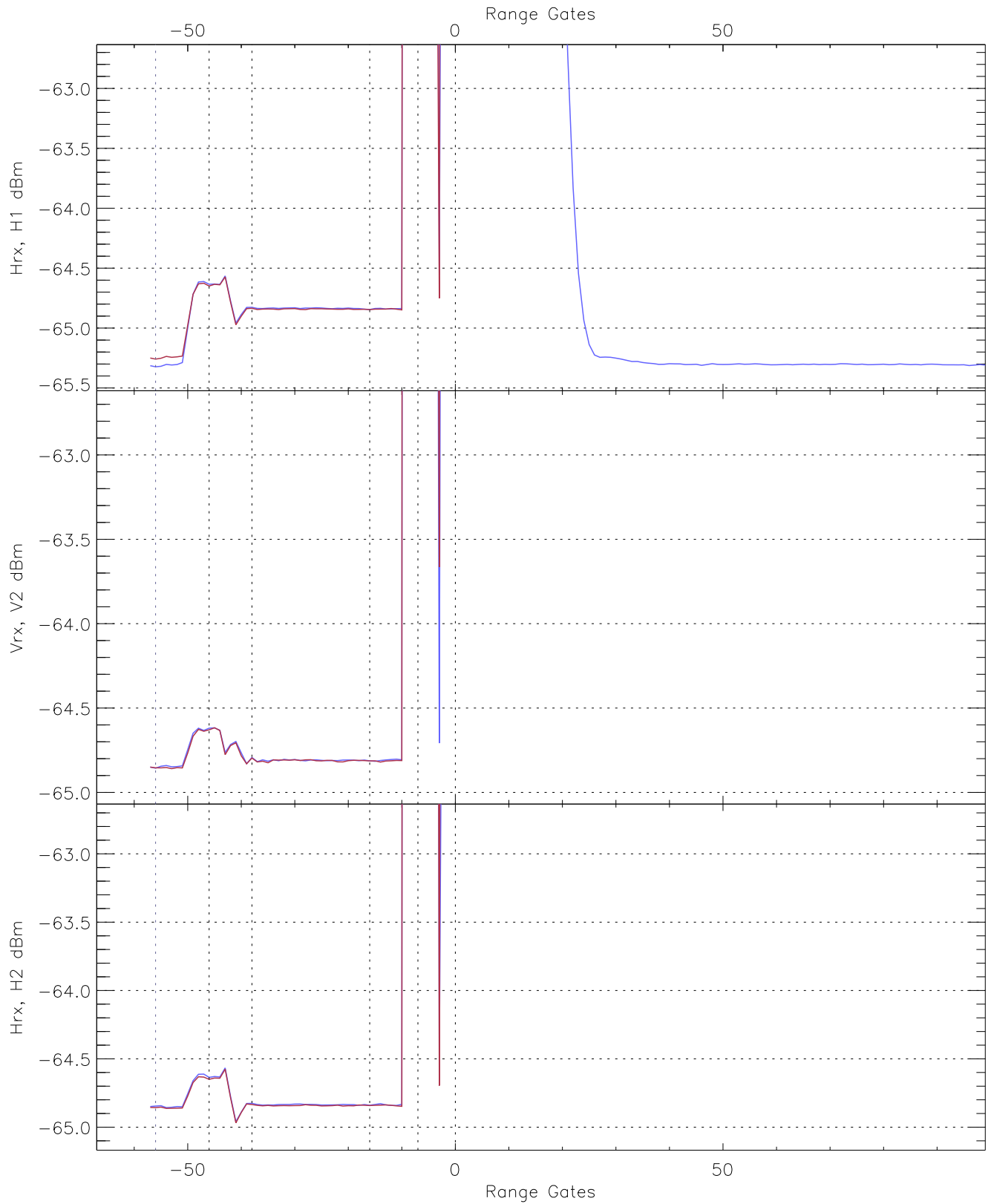


WCR3 CPP "Best" estimate Receivers Noise Power

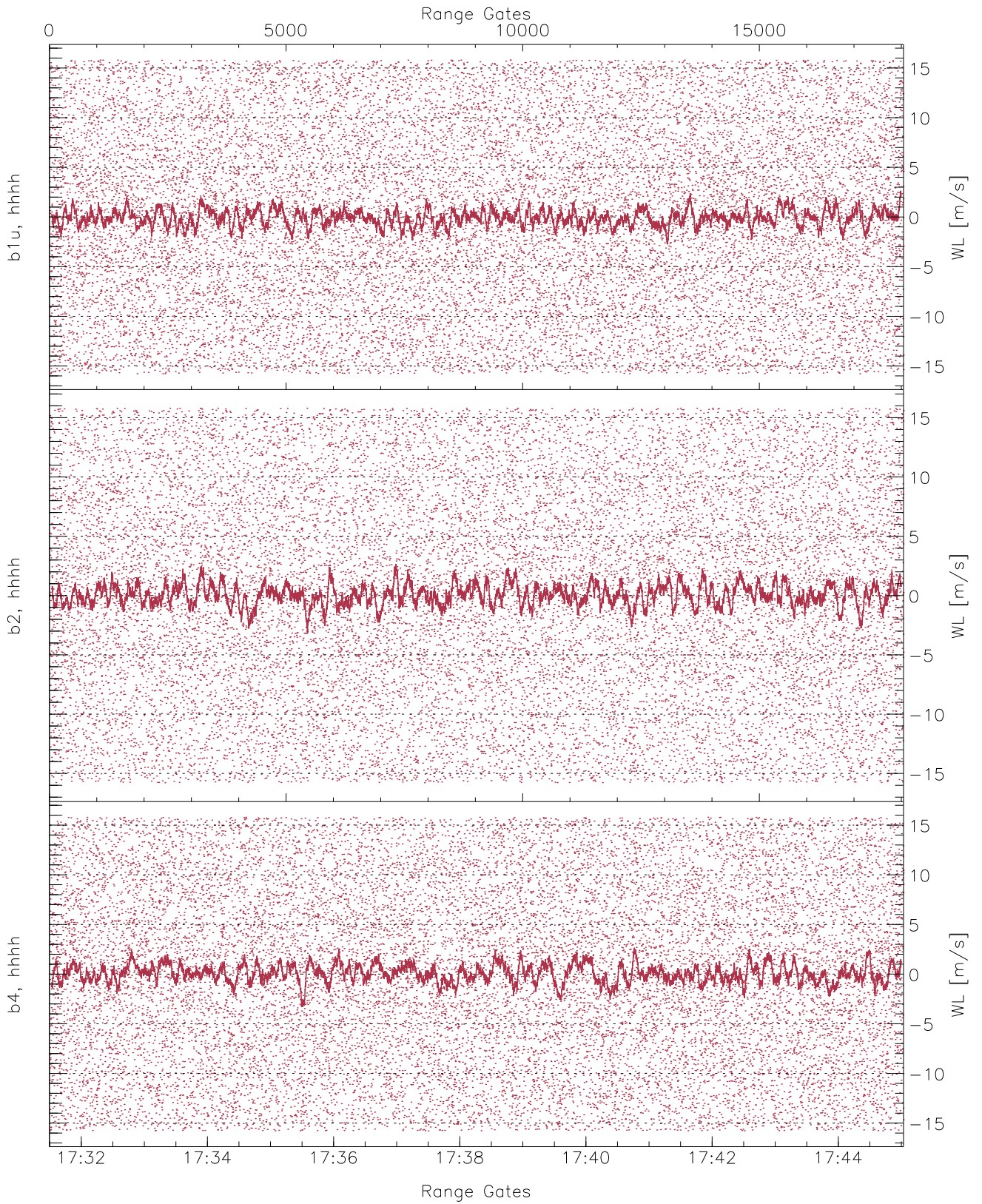
	Min	Max	Mean	Median	StDev
H1RG158_0 [dBm]	-66.47	-64.13	-65.29	-65.30	-76.75
V2RG329_0 [dBm]	-66.00	-63.66	-64.86	-64.87	-76.35
H2RG357_0 [dBm]	-66.10	-63.68	-64.87	-64.87	-76.37



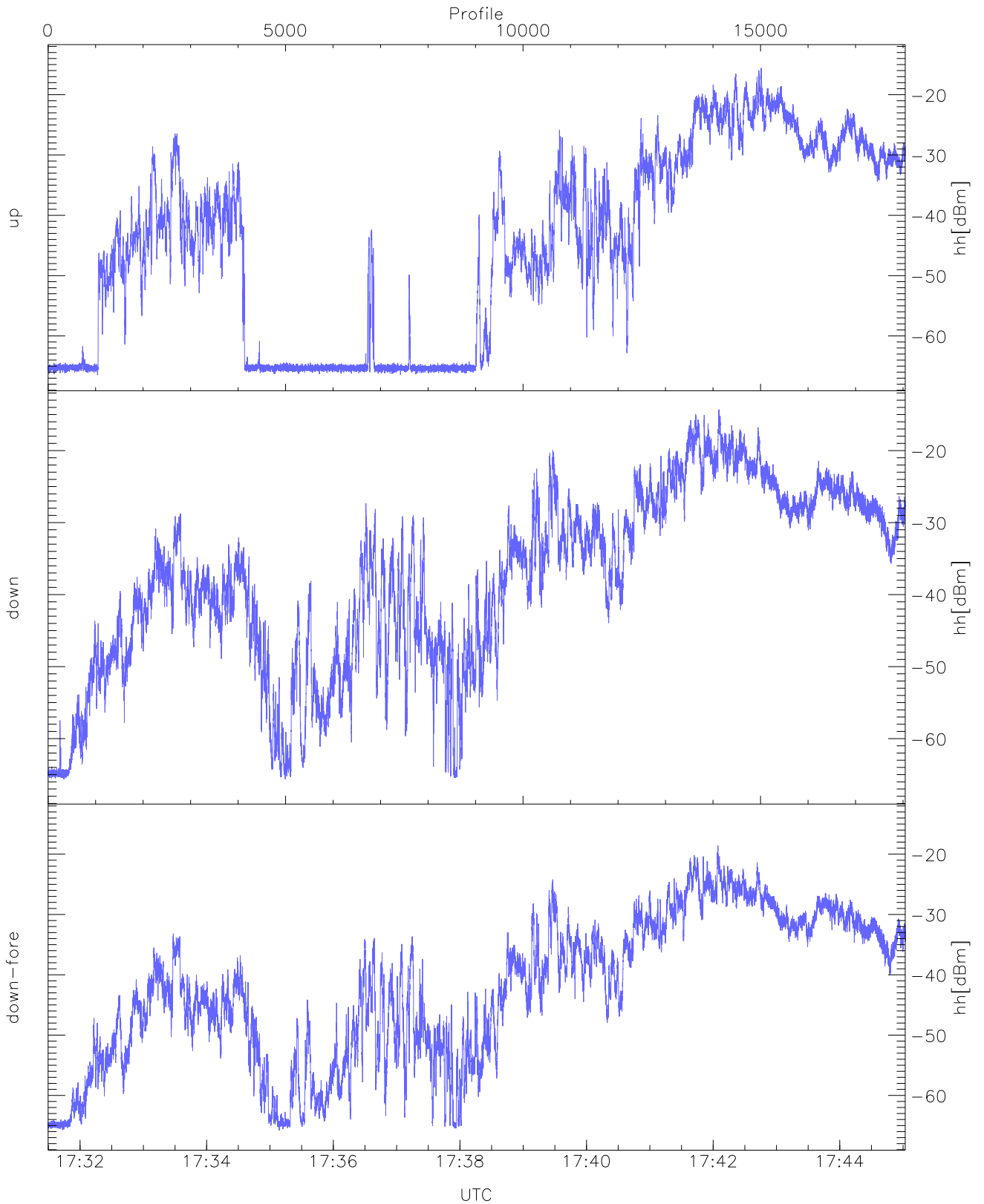
WCR3 CPP Averaged Received power for all recorded gates
blue: 173130-173816, 9025 profiles averaged
red: 173816-174502, 9024 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 173130-173816, 9025 profiles averaged
red: 173816-174502, 9024 profiles averaged

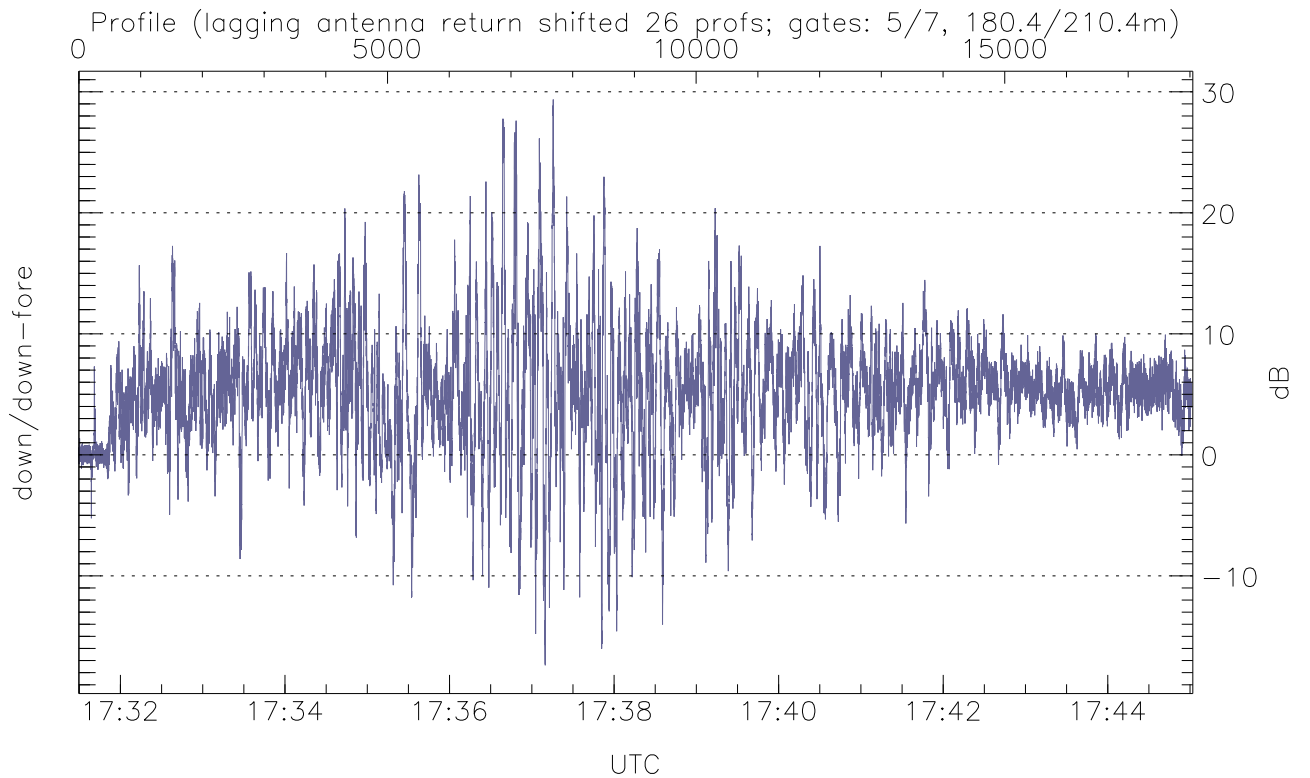
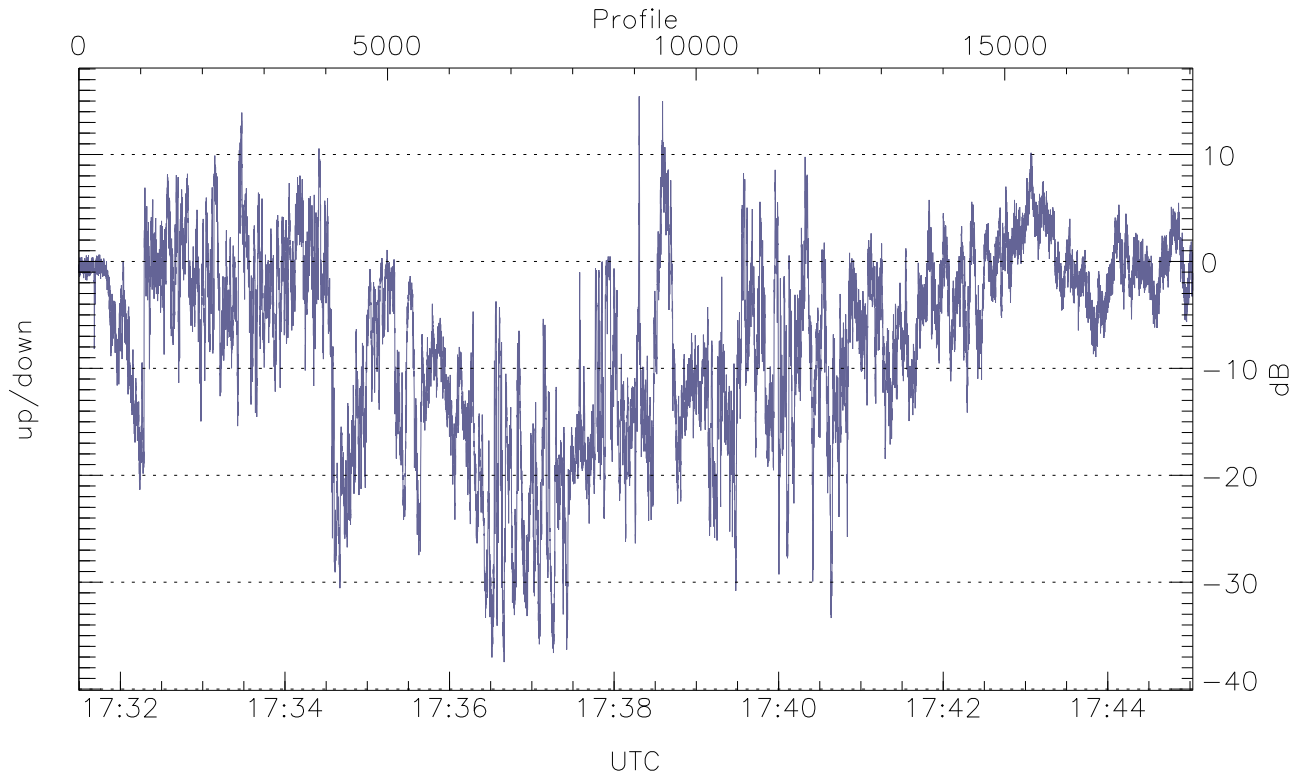


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



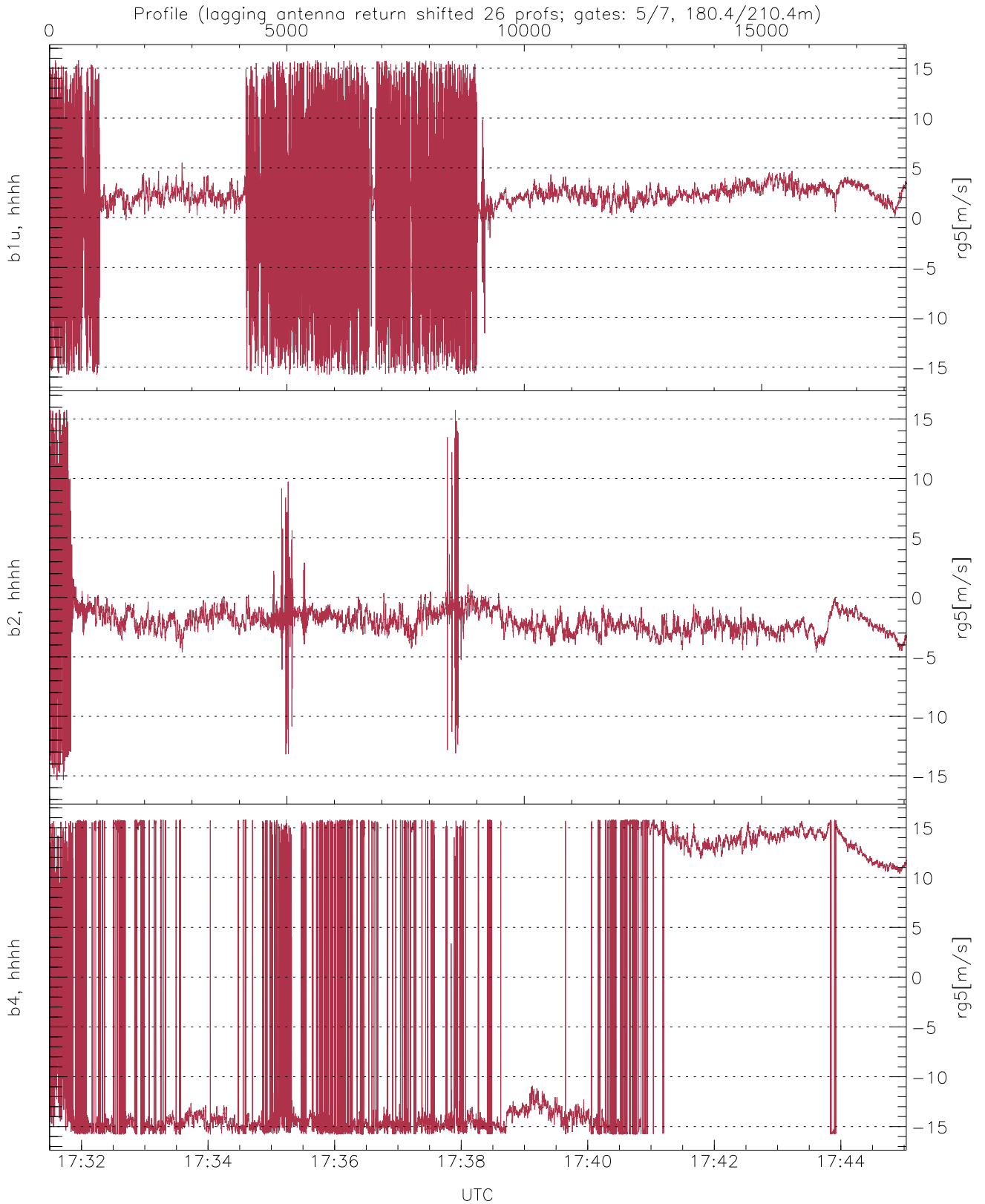
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.48	-15.58	-29.80
down(hh[dBm])	-65.66	-14.30	-27.78
down-fore(hh[dBm])	-65.83	-18.55	-32.47



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

	Min	Max	Mean
up/down (dB)	-37.47	15.44	-7.41
down/down-fore (dB)	-17.39	29.36	5.26



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.79	1.59	4.97
b2, hhhh(rg5[m/s])	-15.36	15.78	-1.96	1.69
b4, hhhh(rg5[m/s])	-15.79	15.79	-2.92	13.88