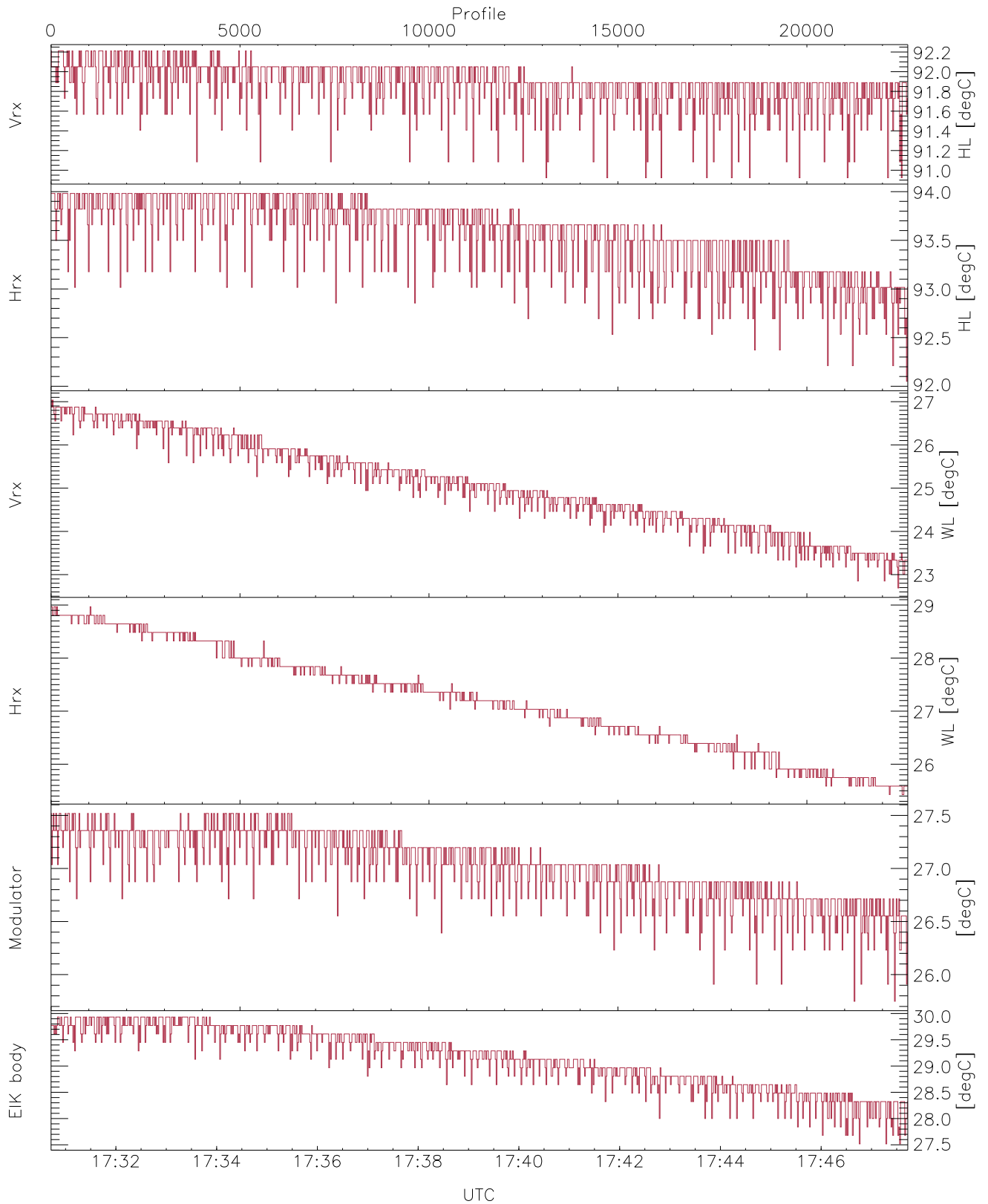


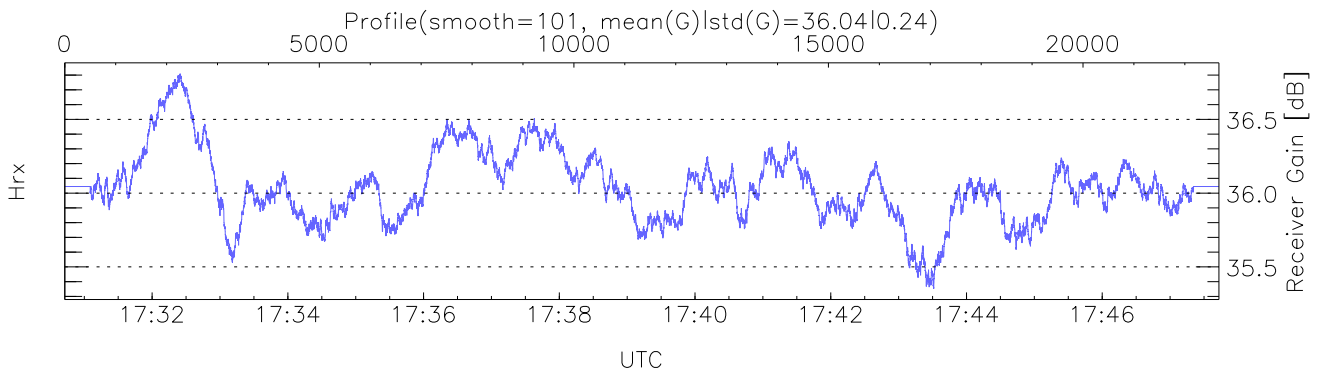
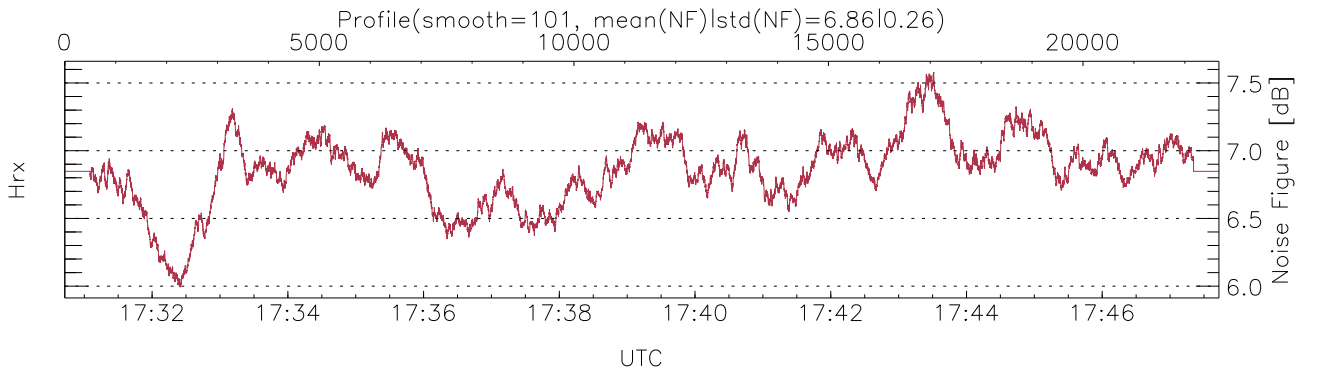
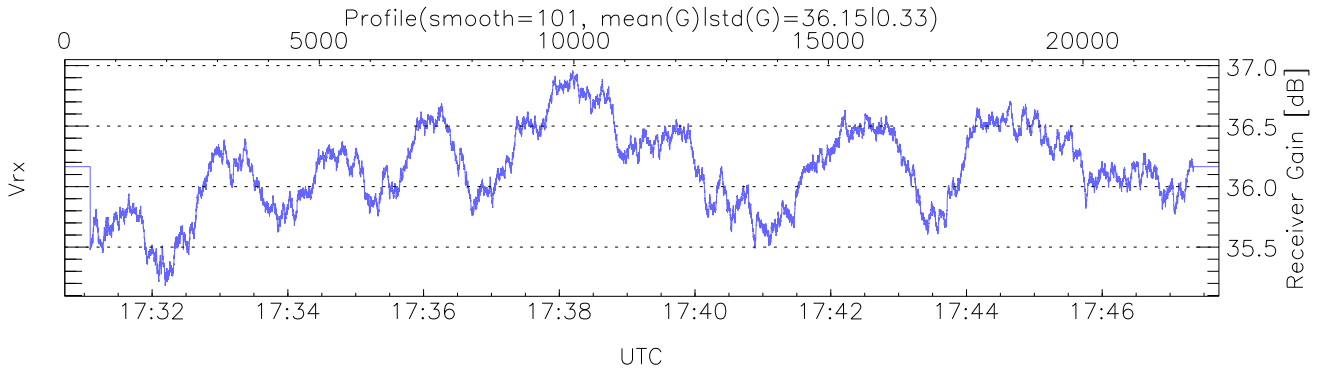
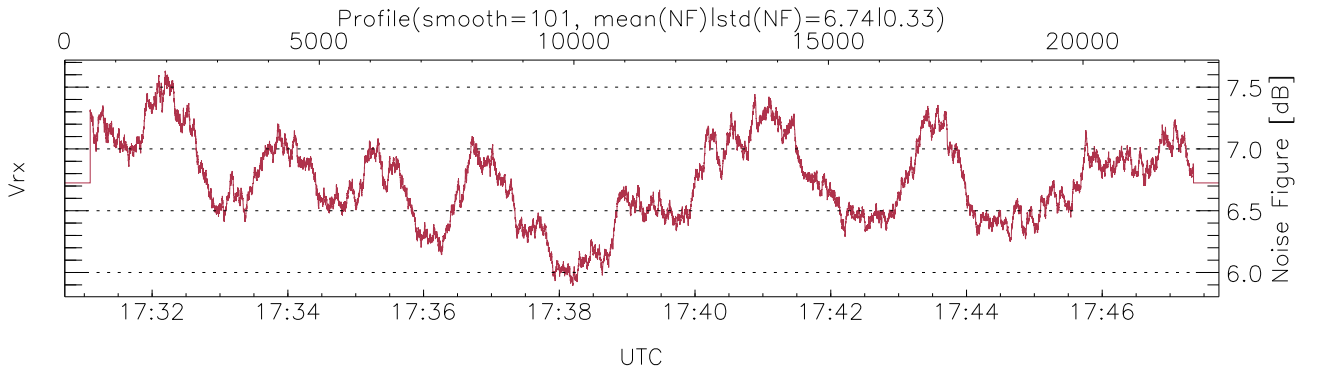
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:30:43-17:47:43, 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, 0-22671/17:30:43-17:47:43
 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



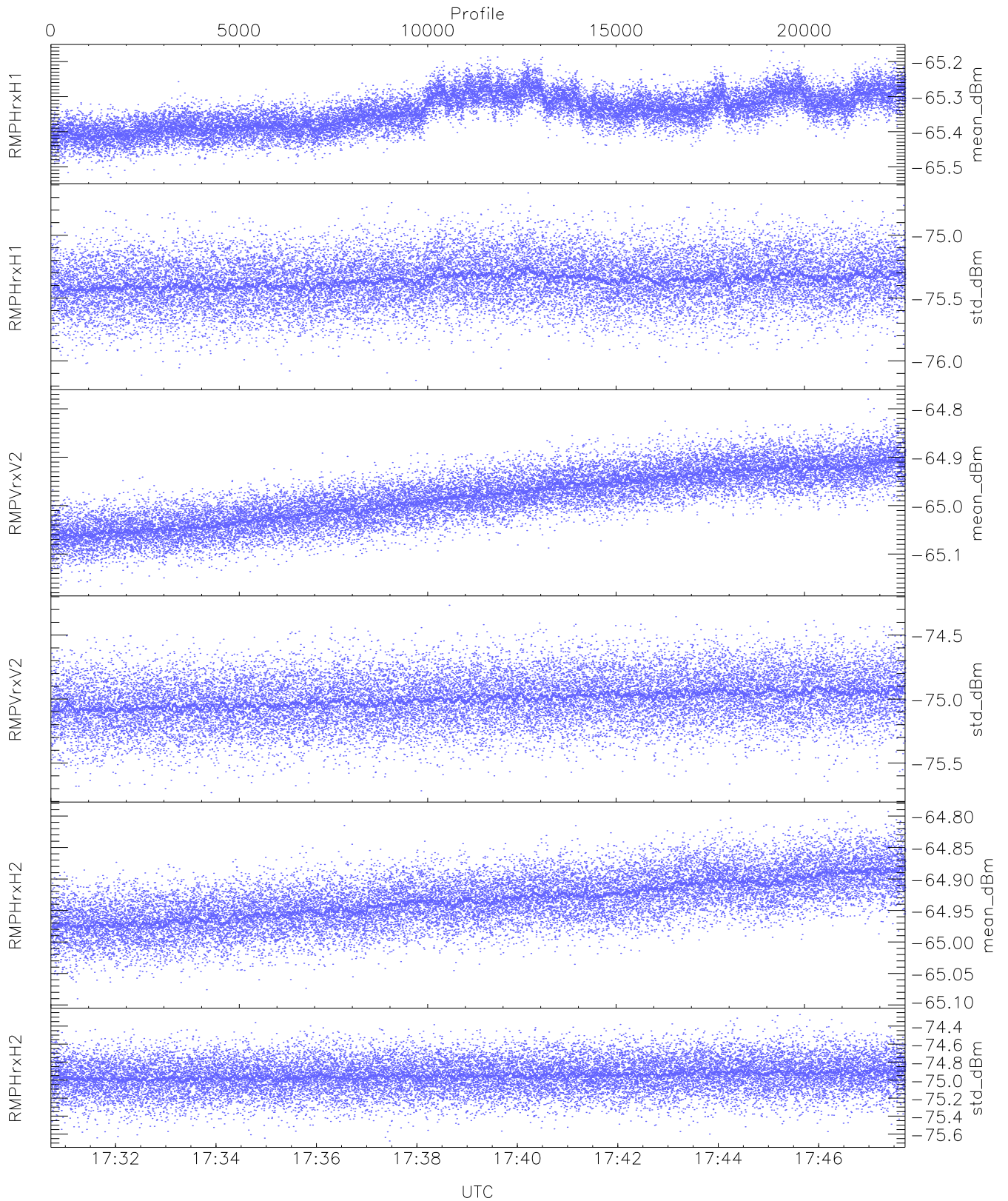
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,25,25,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,28,27,29`
`LOalarm(20,240,2817,14861 MHz): 0,0,46,0`
`EIK/Modulator Faults: None`



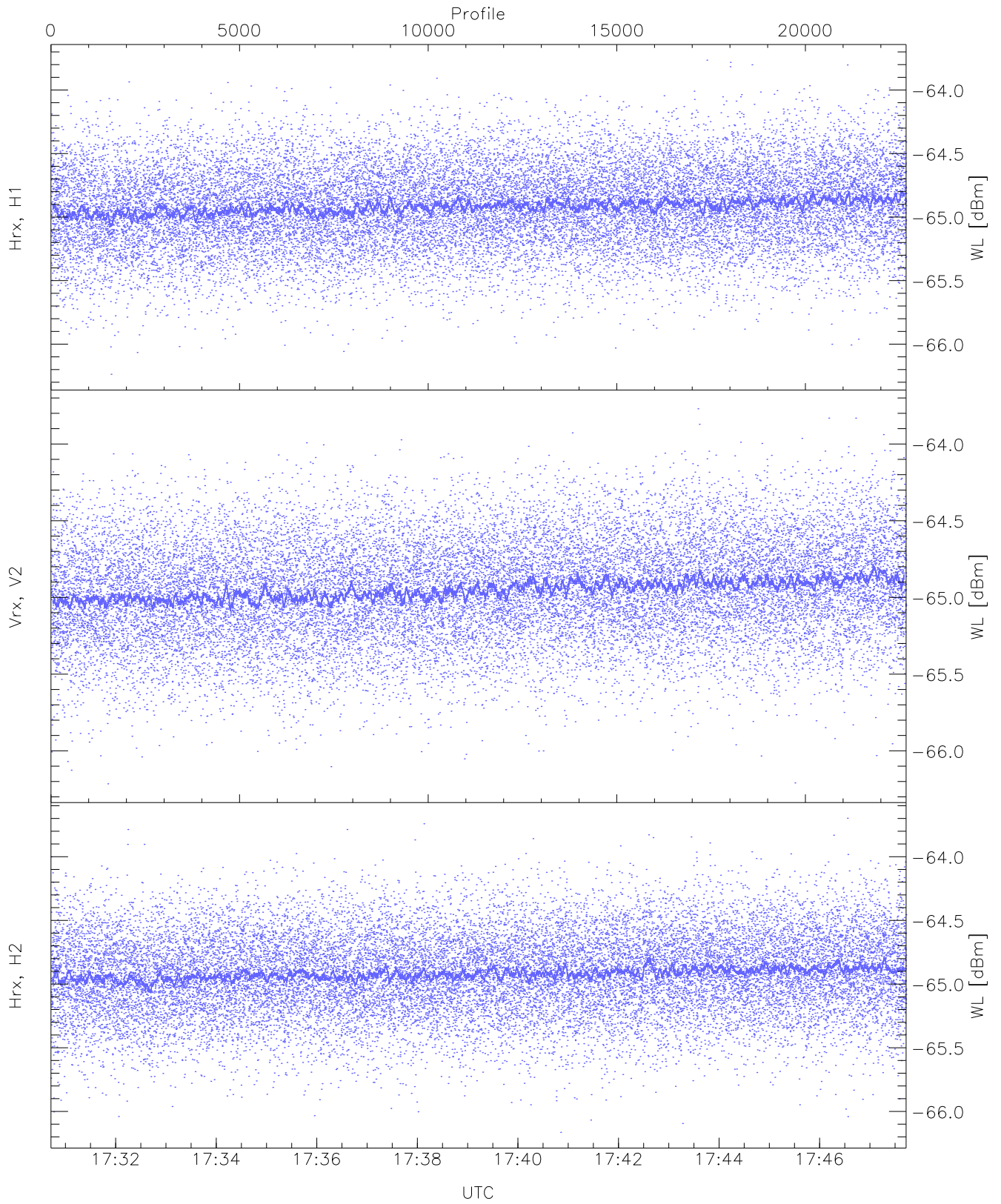
WCR3 CPP Receivers Gain and Noise Figure

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



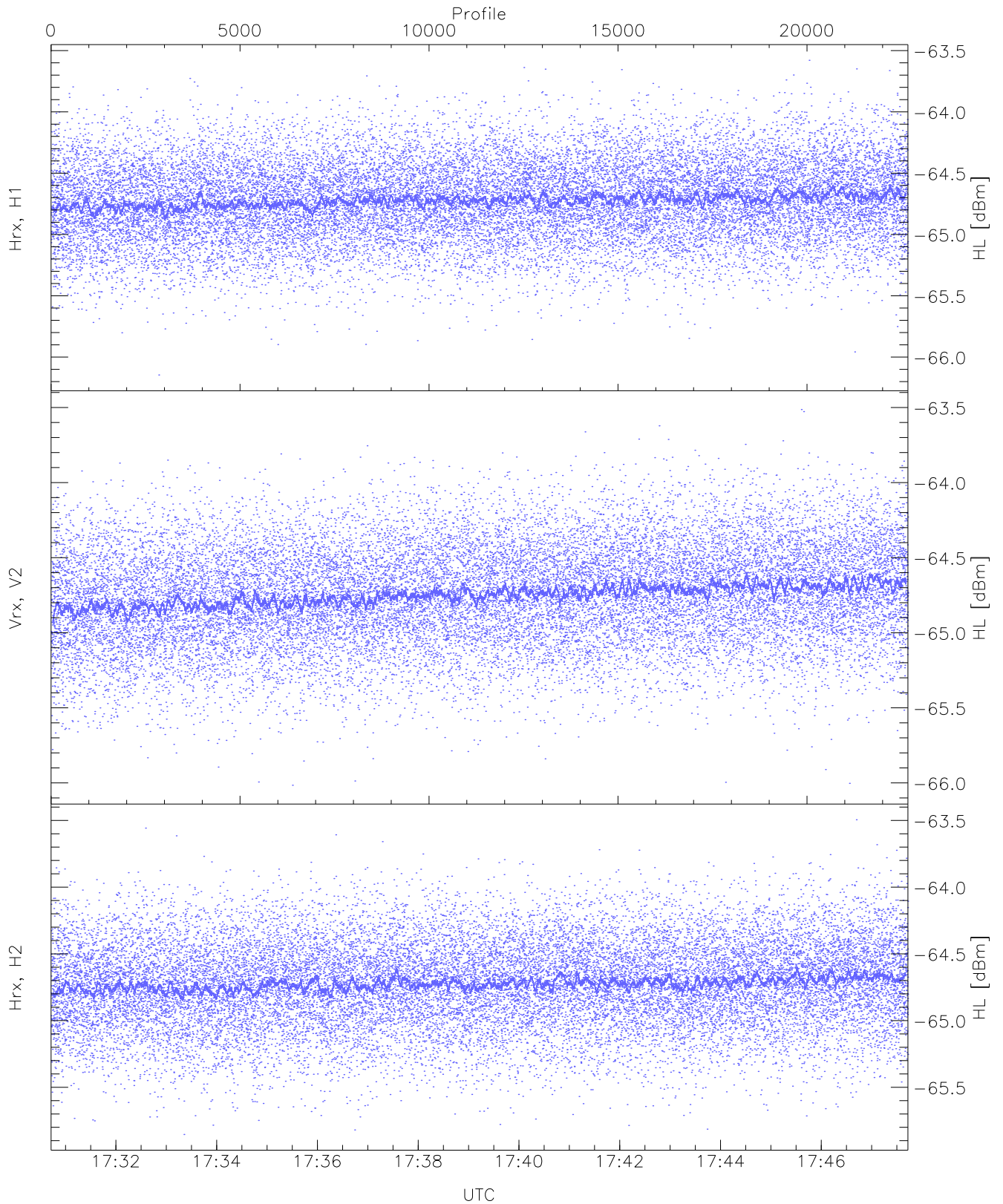
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.53	-65.17	-65.34	-65.34	-84.47
RMPHrxH1(std_dBm)	-76.16	-74.66	-75.36	-75.36	-89.03
RMPVrxV2(mean_dBm)	-65.17	-64.78	-64.98	-64.98	-83.75
RMPVrxV2(std_dBm)	-75.73	-74.27	-75.00	-75.00	-88.62
RMPHrxH2(mean_dBm)	-65.09	-64.79	-64.93	-64.93	-85.21
RMPHrxH2(std_dBm)	-75.68	-74.27	-74.95	-74.95	-88.72



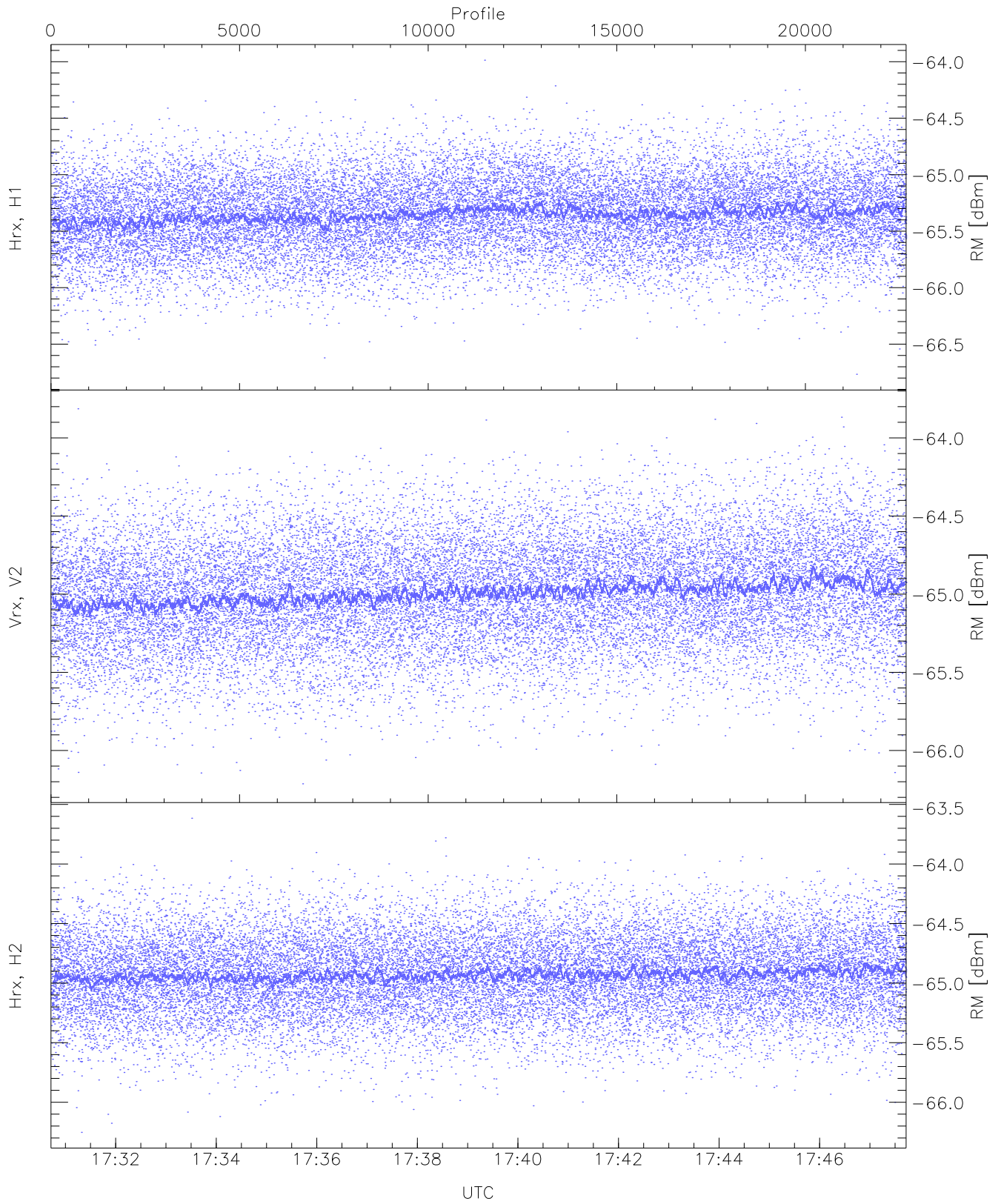
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.24	-63.77	-64.91	-64.92	-76.43
Vrx, V2 (WL [dBm])	-66.21	-63.77	-64.94	-64.95	-76.39
Hrx, H2 (WL [dBm])	-66.16	-63.70	-64.91	-64.92	-76.41



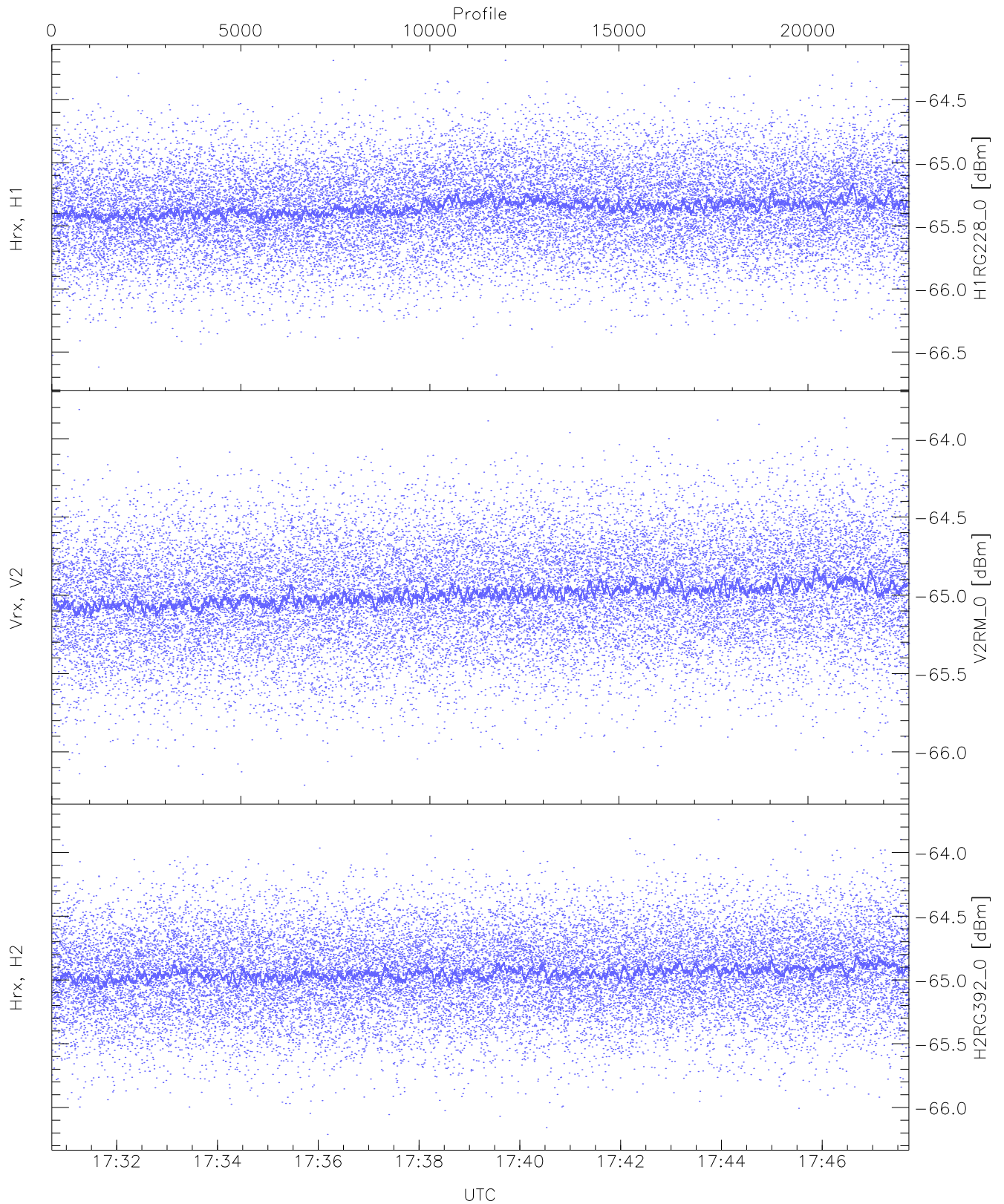
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.15	-63.58	-64.72	-64.72	-76.21
Vrx, V2 (HL [dBm])	-66.02	-63.51	-64.74	-64.75	-76.17
Hrx, H2 (HL [dBm])	-65.85	-63.50	-64.72	-64.72	-76.23



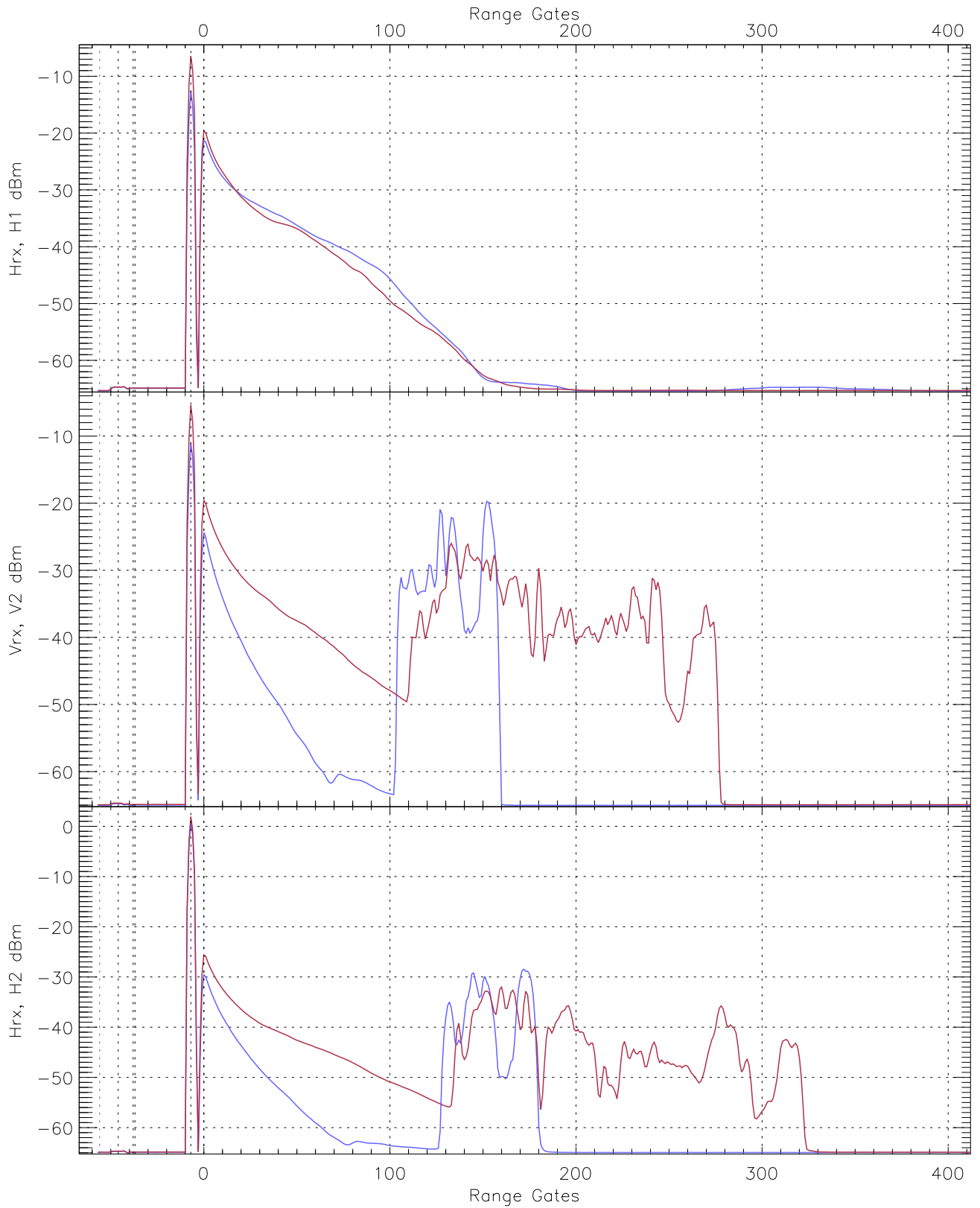
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.77	-63.99	-65.35	-65.36	-76.81
Vrx, V2 (RM [dBm])	-66.21	-63.81	-64.99	-64.99	-76.42
Hrx, H2 (RM [dBm])	-66.25	-63.62	-64.92	-64.93	-76.42

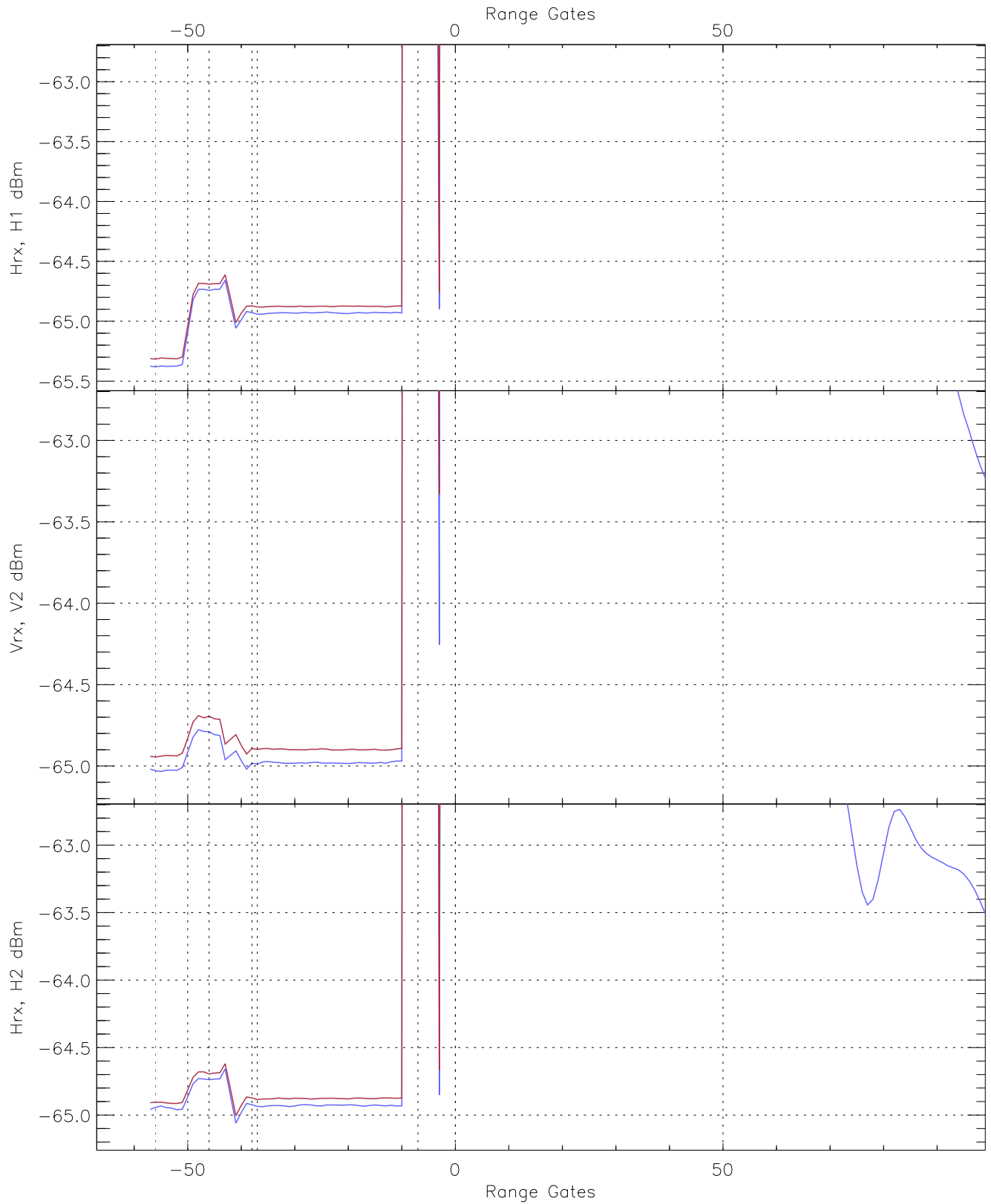


WCR3 CPP "Best" estimate Receivers Noise Power

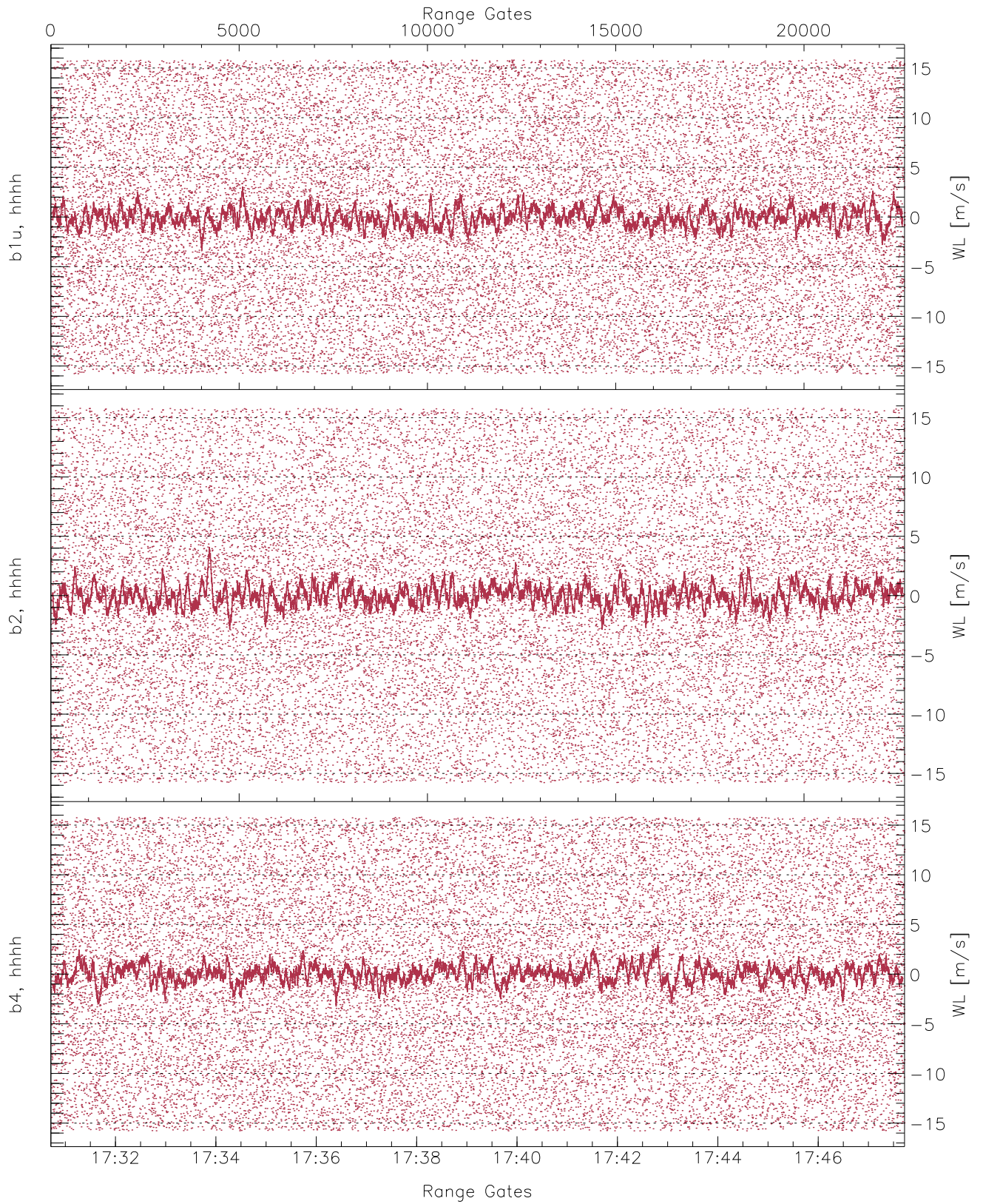
	Min	Max	Mean	Median	StDev
H1RG228_0 [dBm]	-66.68	-64.19	-65.35	-65.35	-76.81
V2RM_0 [dBm]	-66.21	-63.81	-64.99	-64.99	-76.42
H2RG392_0 [dBm]	-66.21	-63.74	-64.94	-64.94	-76.42



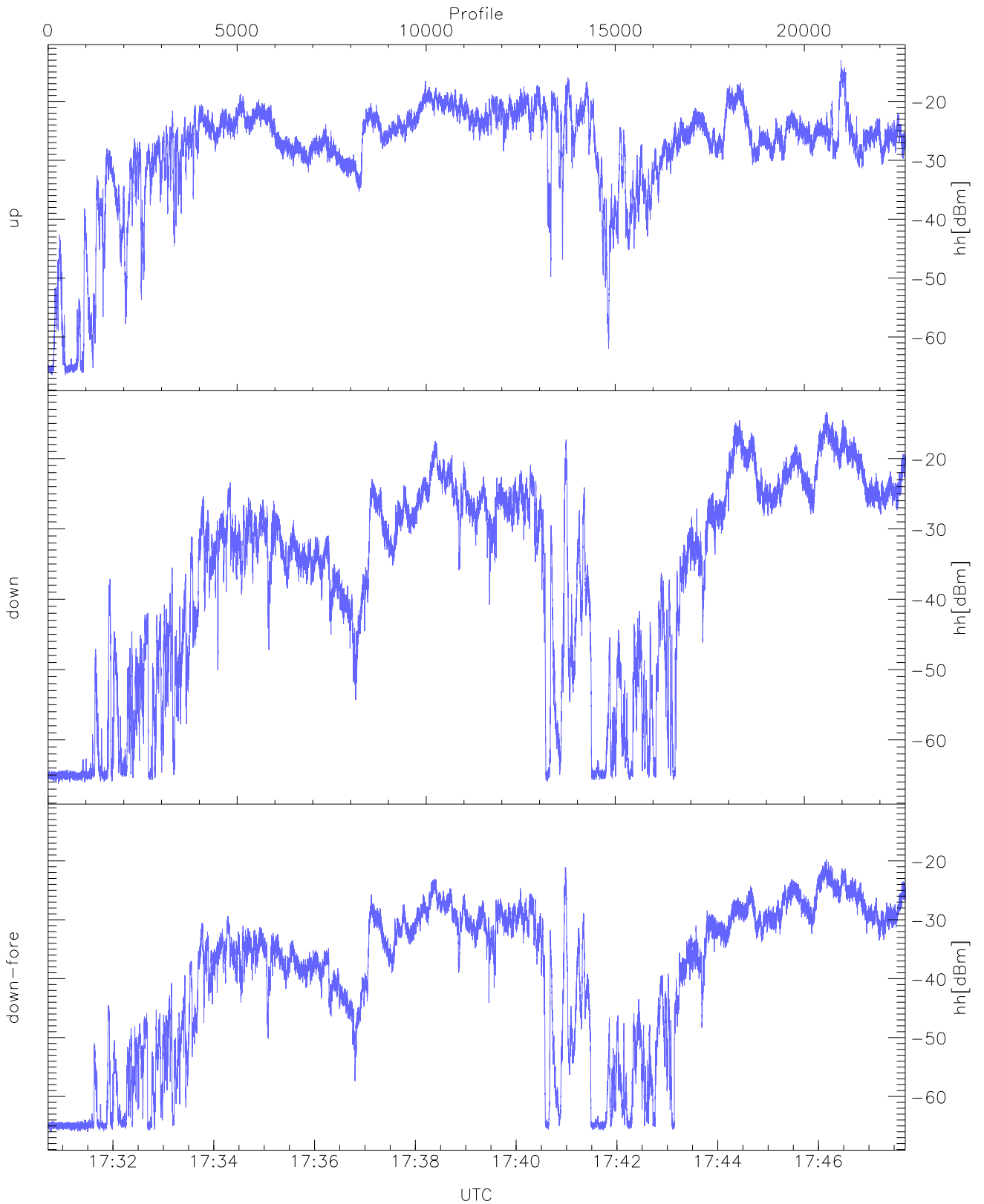
WCR3 CPP Averaged Received power for all recorded gates
blue: 173043-173913, 11337 profiles averaged
red: 173913-174743, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 173043-173913, 11337 profiles averaged
red: 173913-174743, 11336 profiles averaged

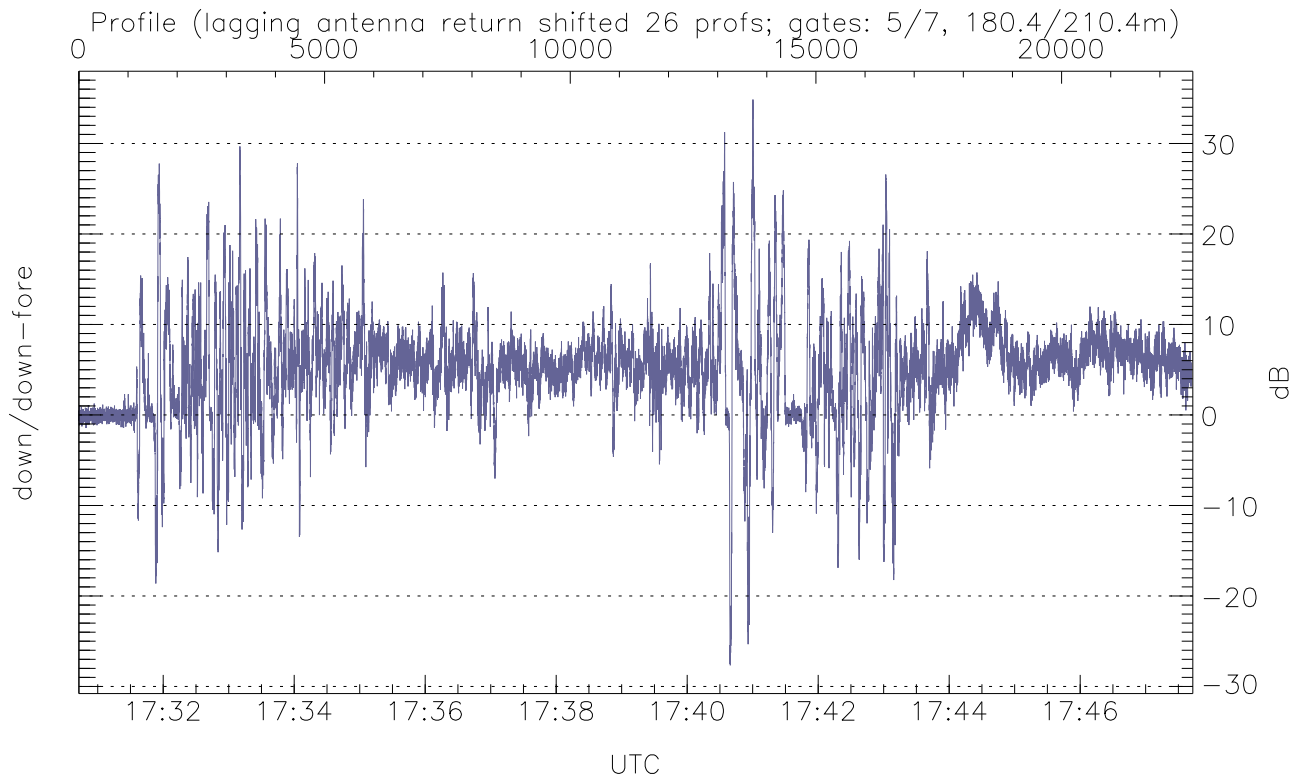
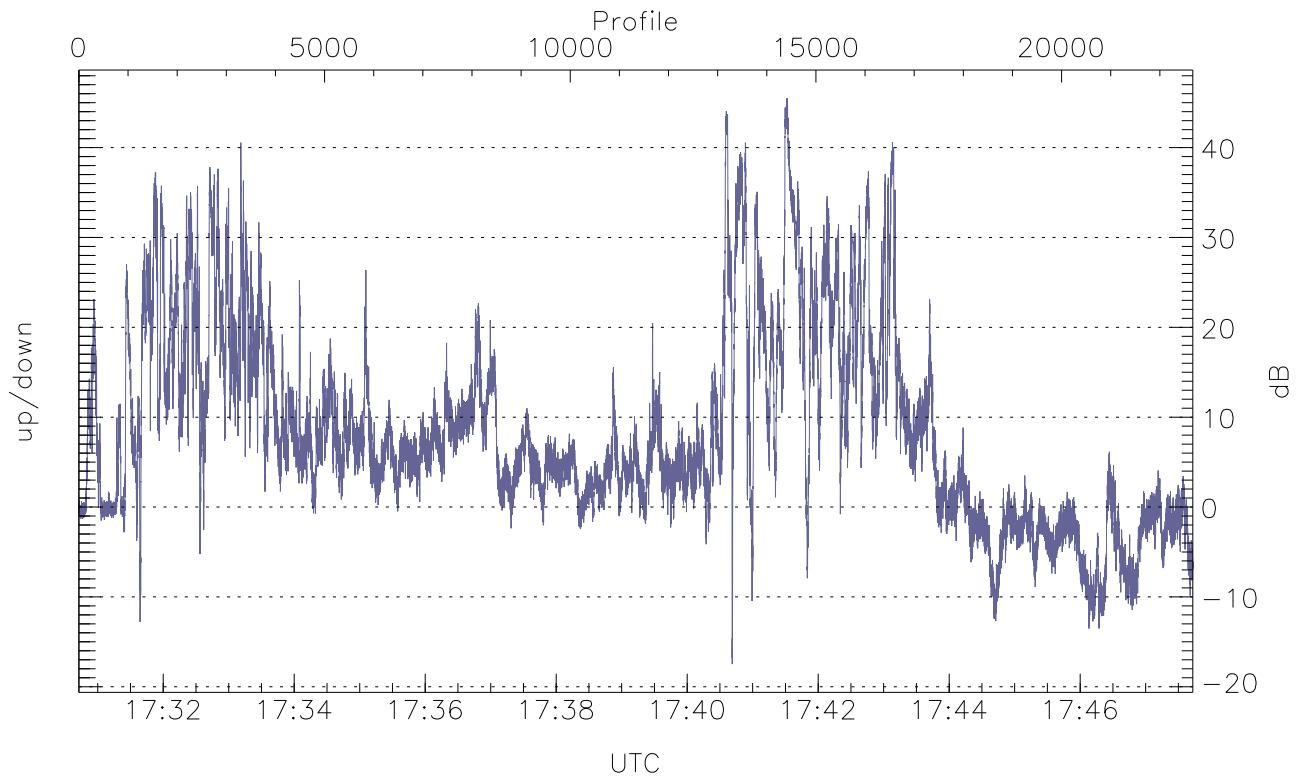


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



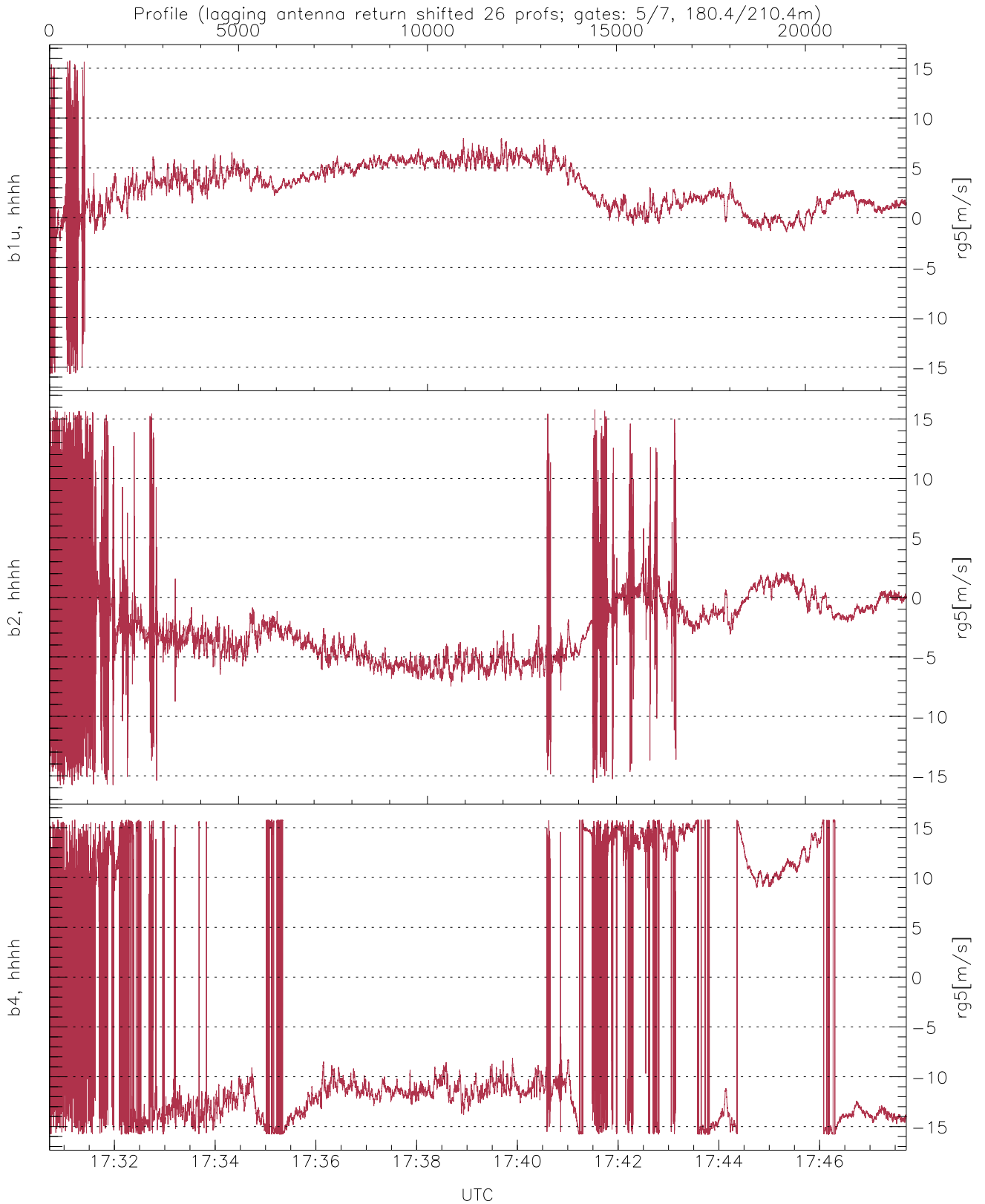
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.45	-13.02	-24.34
down(hh[dBm])	-66.25	-13.38	-25.67
down-fore(hh[dBm])	-66.09	-19.79	-31.09



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

	Min	Max	Mean
up/down (dB)	-17.48	45.49	8.32
down/down-fore (dB)	-27.66	34.86	5.12



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.71	15.77	3.01	2.54
b2, hhhh(rg5[m/s])	-15.78	15.79	-2.50	3.49
b4, hhhh(rg5[m/s])	-15.79	15.79	-4.88	11.55