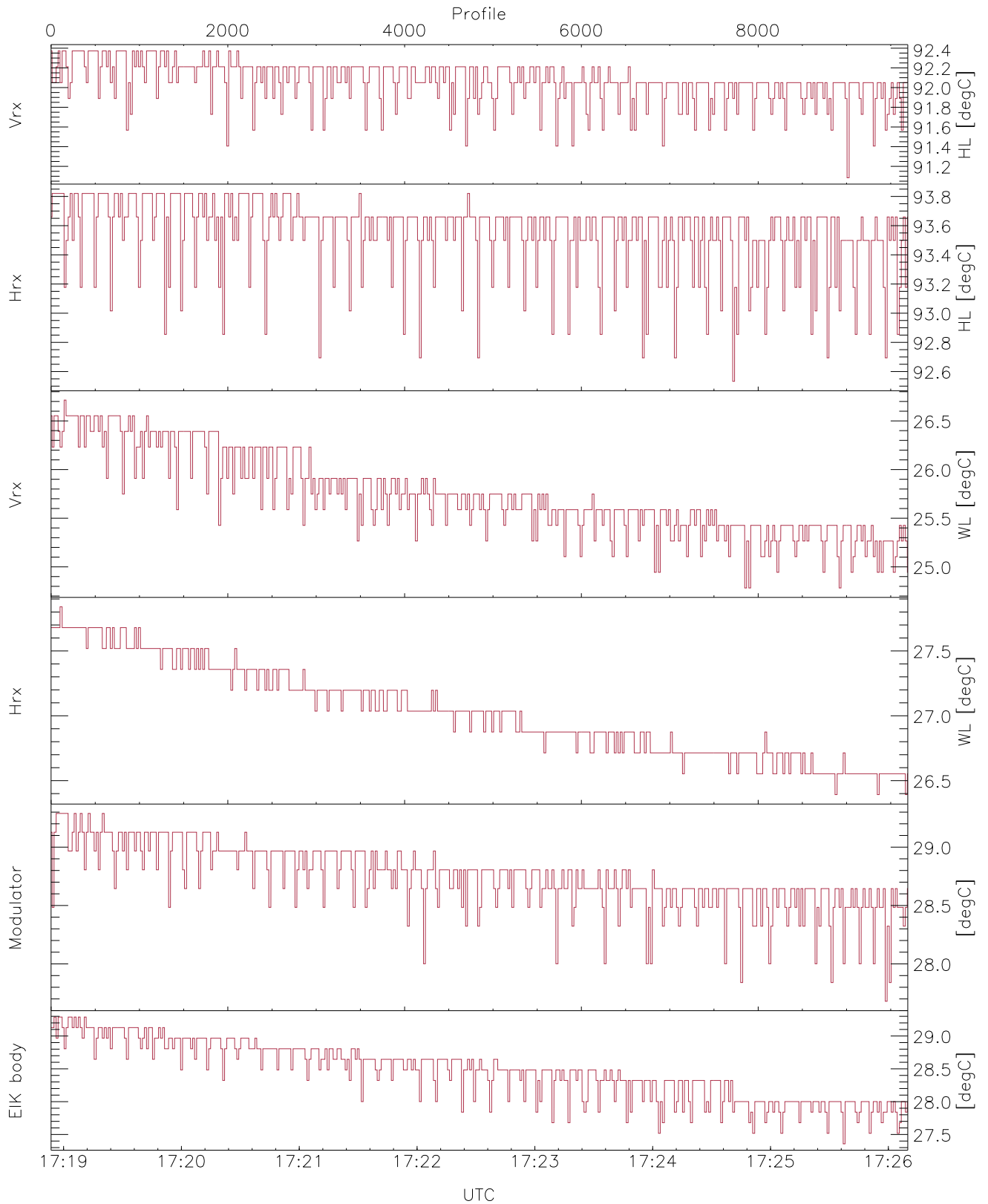


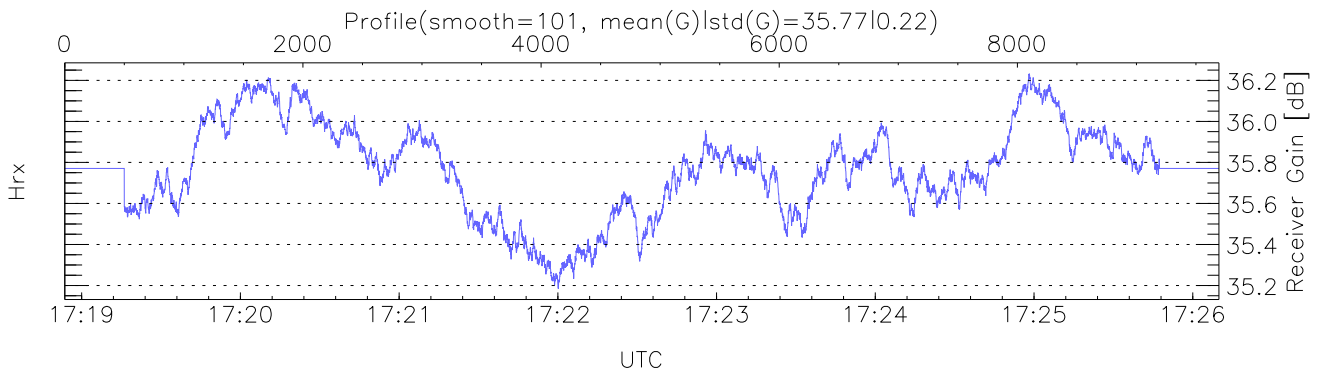
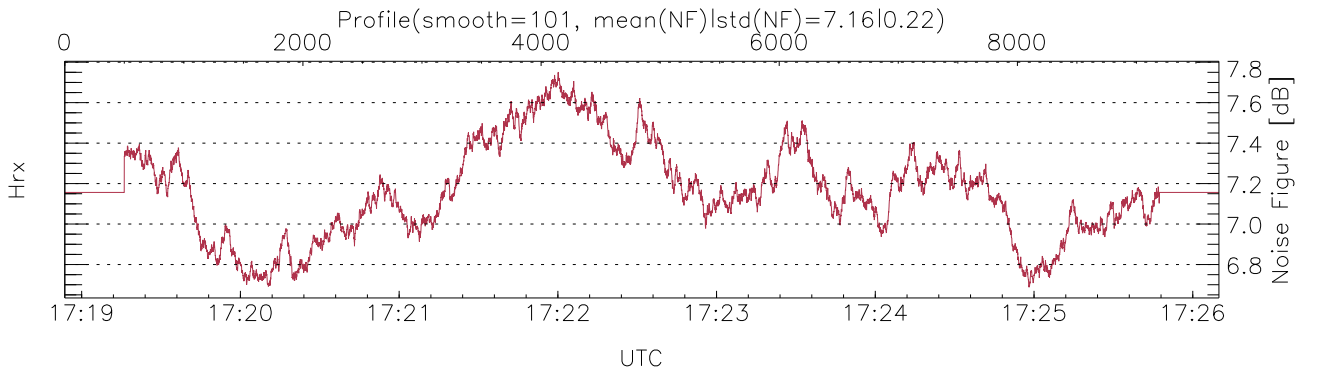
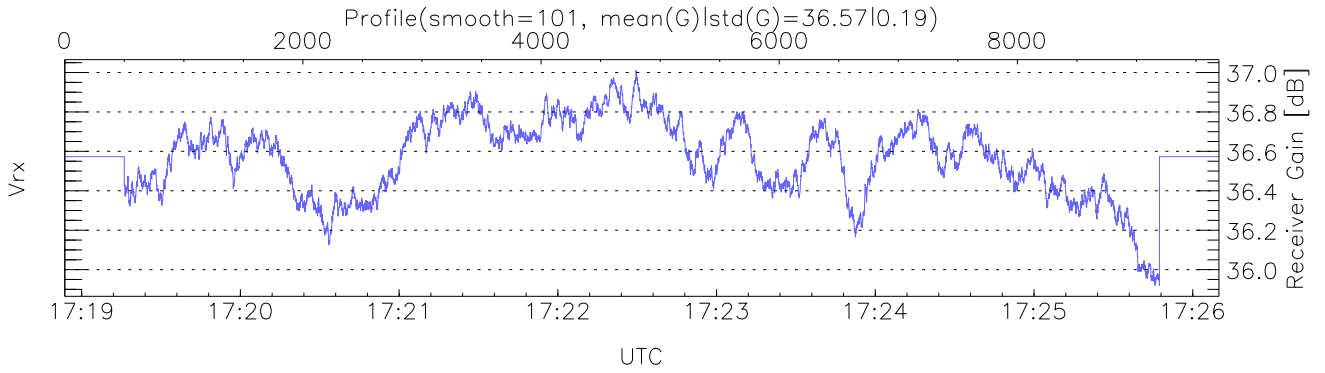
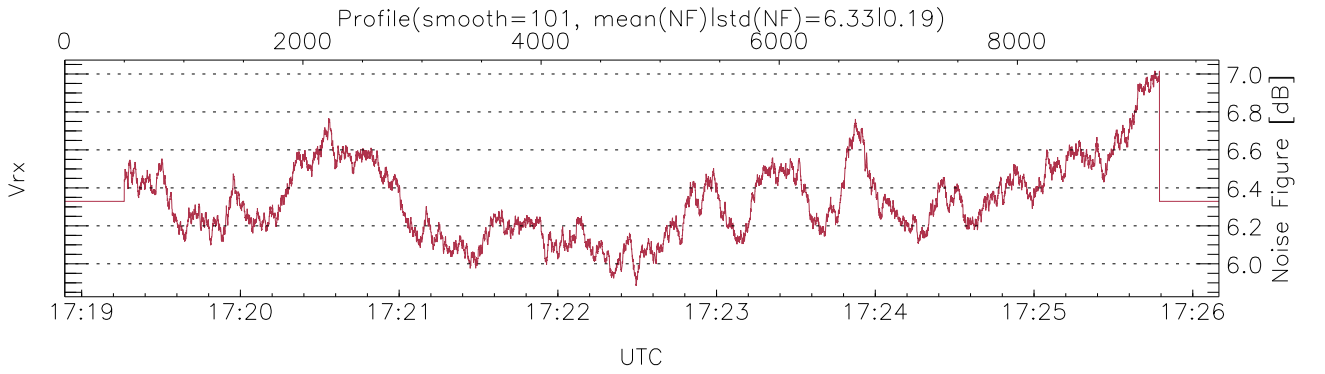
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:18:54-17:26:10, TimeCor: 0.00s, Dur: 436.29s
 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): 9694/9694, 0-9693/17:18:54-17:26:10
 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



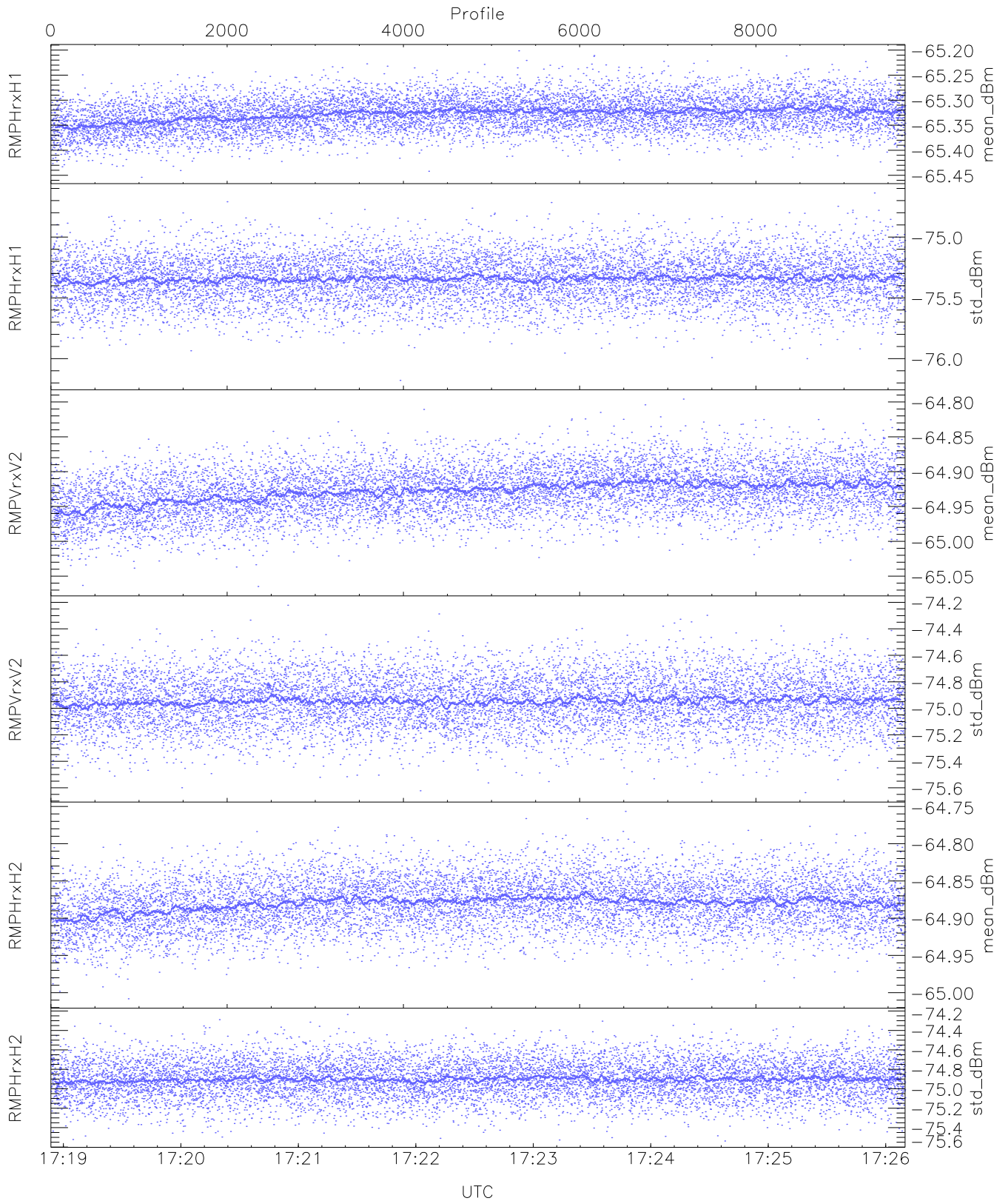
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,24,26,27,27`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,27,29,29`
`LOalarm(20,240,2817,14861 MHz): None`
`EIK/Modulator Faults: None`



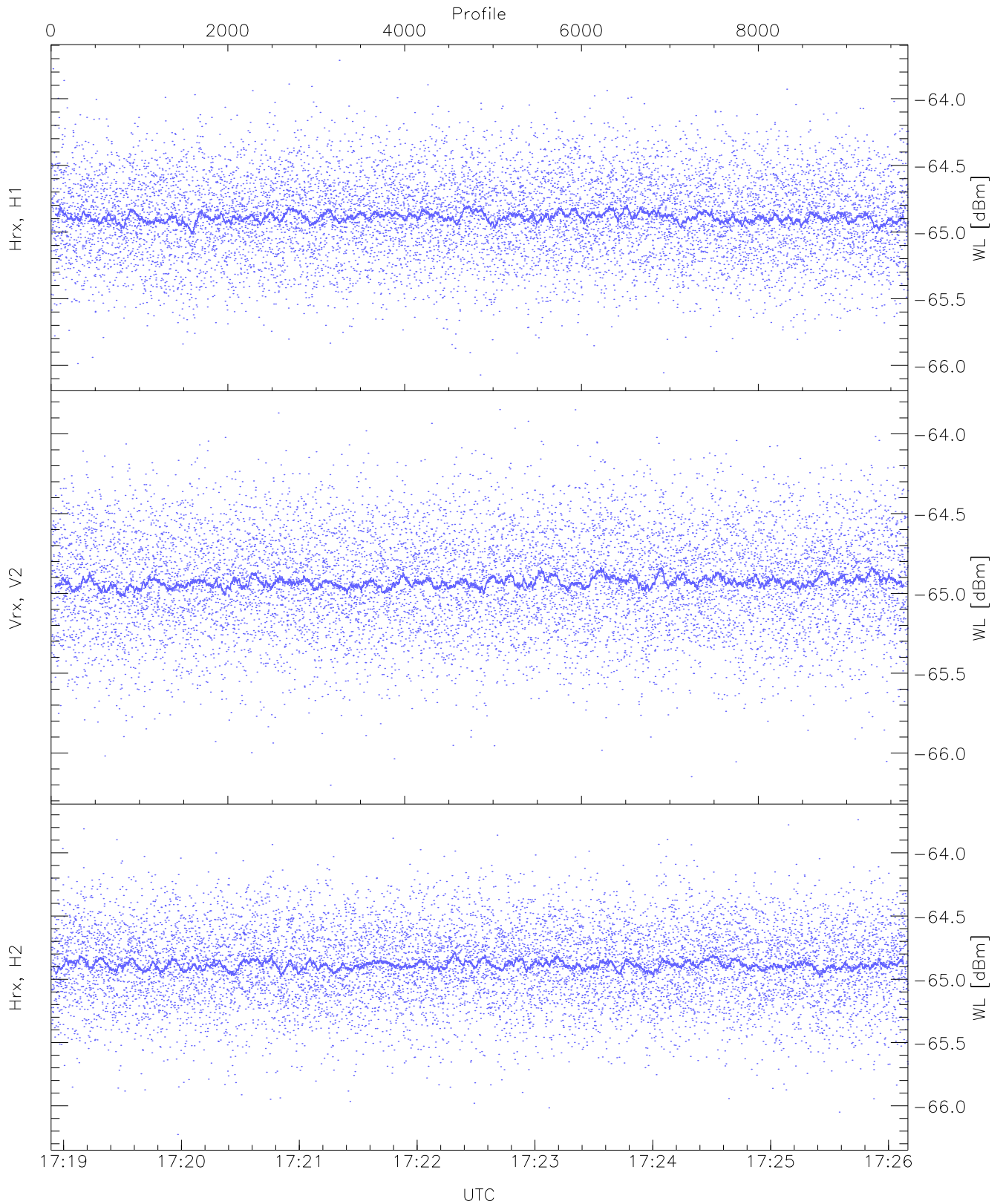
WCR3 CPP Receivers Gain and Noise Figure

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



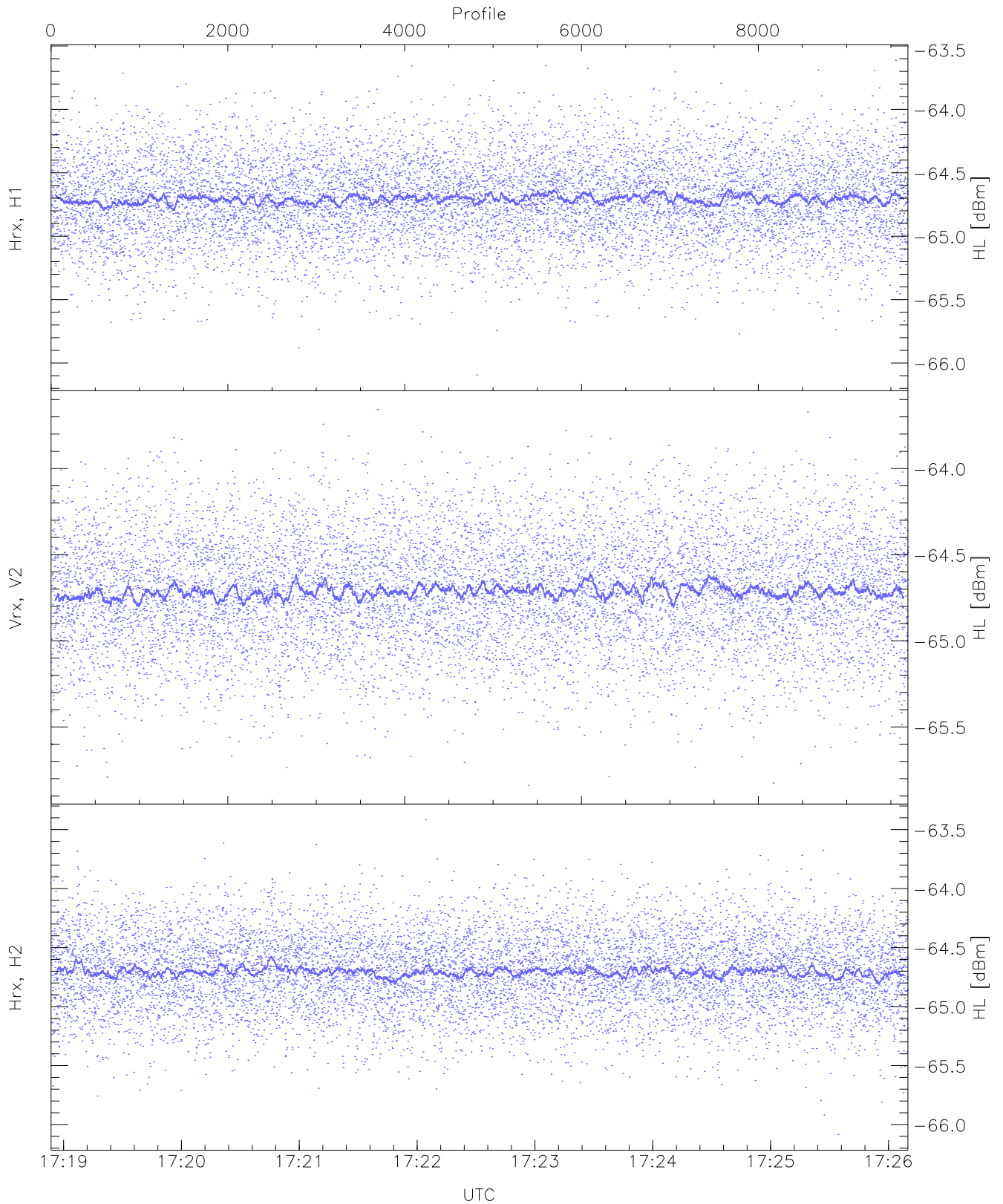
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.45	-65.20	-65.33	-65.33	-86.66
RMPHrxH1(std_dBm)	-76.18	-74.64	-75.34	-75.34	-89.17
RMPVrxV2(mean_dBm)	-65.06	-64.80	-64.93	-64.93	-86.19
RMPVrxV2(std_dBm)	-75.64	-74.22	-74.94	-74.95	-88.71
RMPHrxH2(mean_dBm)	-65.01	-64.76	-64.88	-64.88	-86.32
RMPHrxH2(std_dBm)	-75.54	-74.24	-74.90	-74.90	-88.68



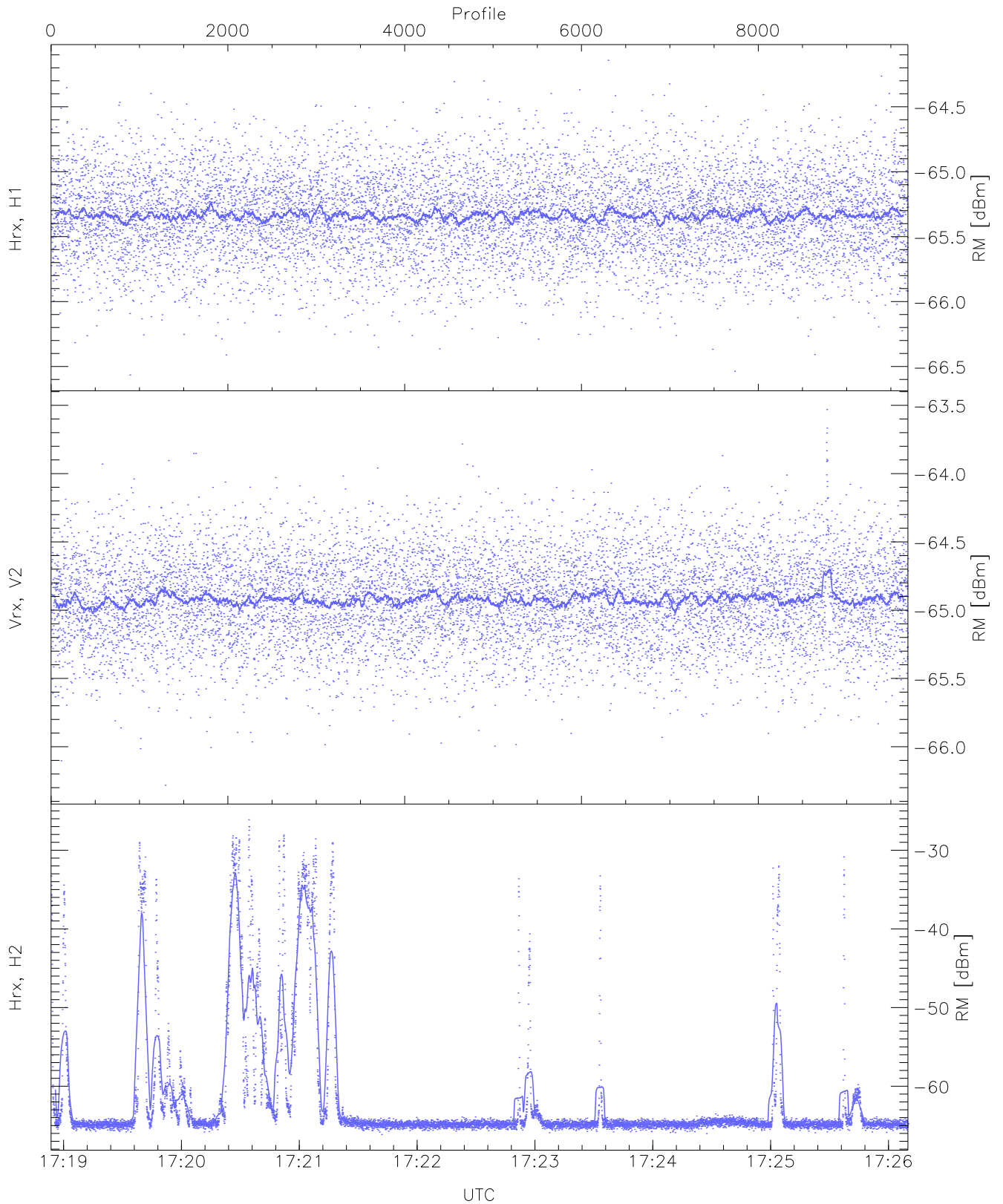
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.07	-63.71	-64.88	-64.89	-76.40
Vrx, V2 (WL [dBm])	-66.20	-63.85	-64.92	-64.93	-76.42
Hrx, H2 (WL [dBm])	-66.23	-63.74	-64.88	-64.88	-76.43



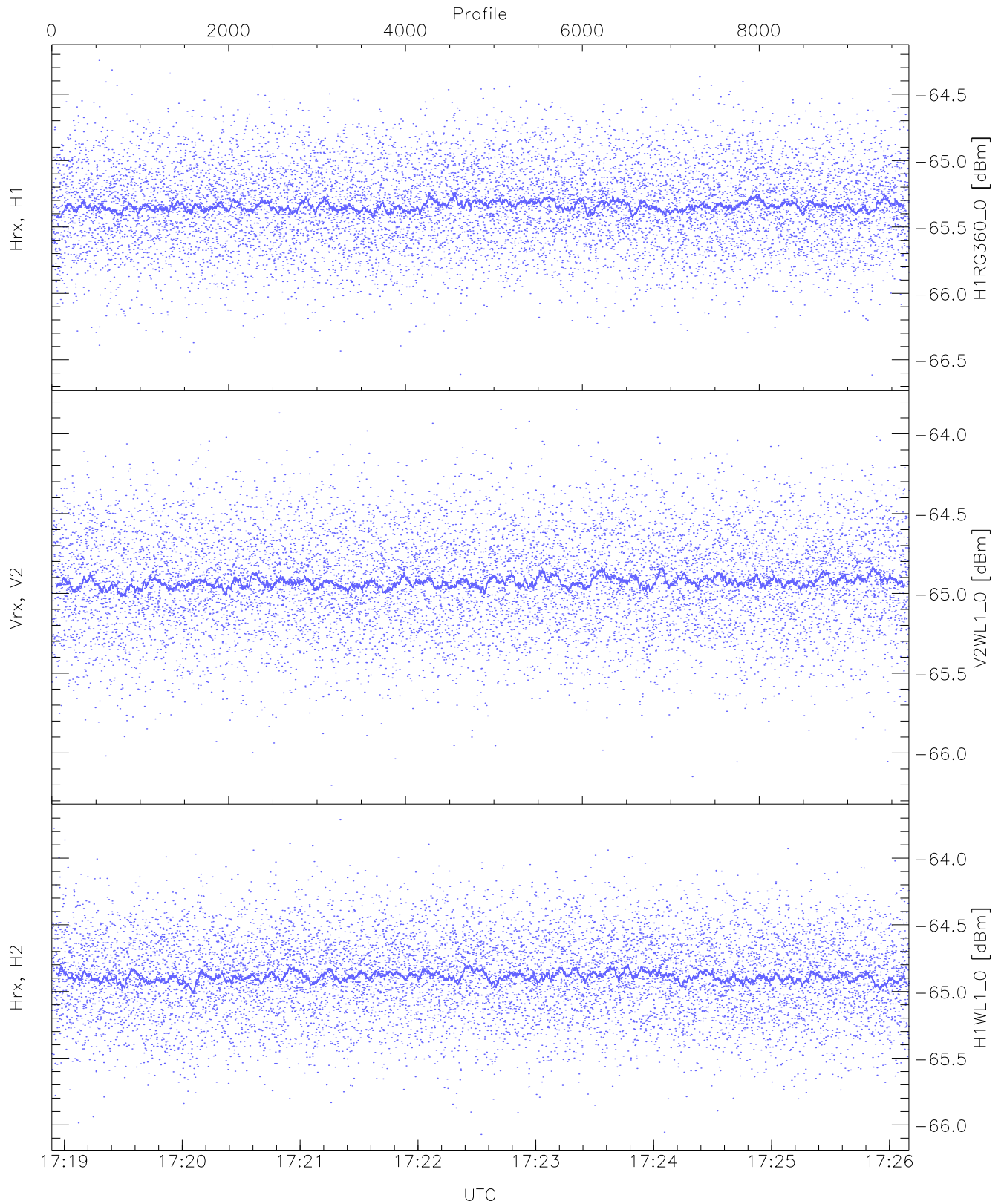
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.09	-63.61	-64.70	-64.71	-76.19
Vrx, V2 (HL [dBm])	-65.84	-63.66	-64.71	-64.72	-76.23
Hrx, H2 (HL [dBm])	-66.08	-63.42	-64.70	-64.70	-76.17



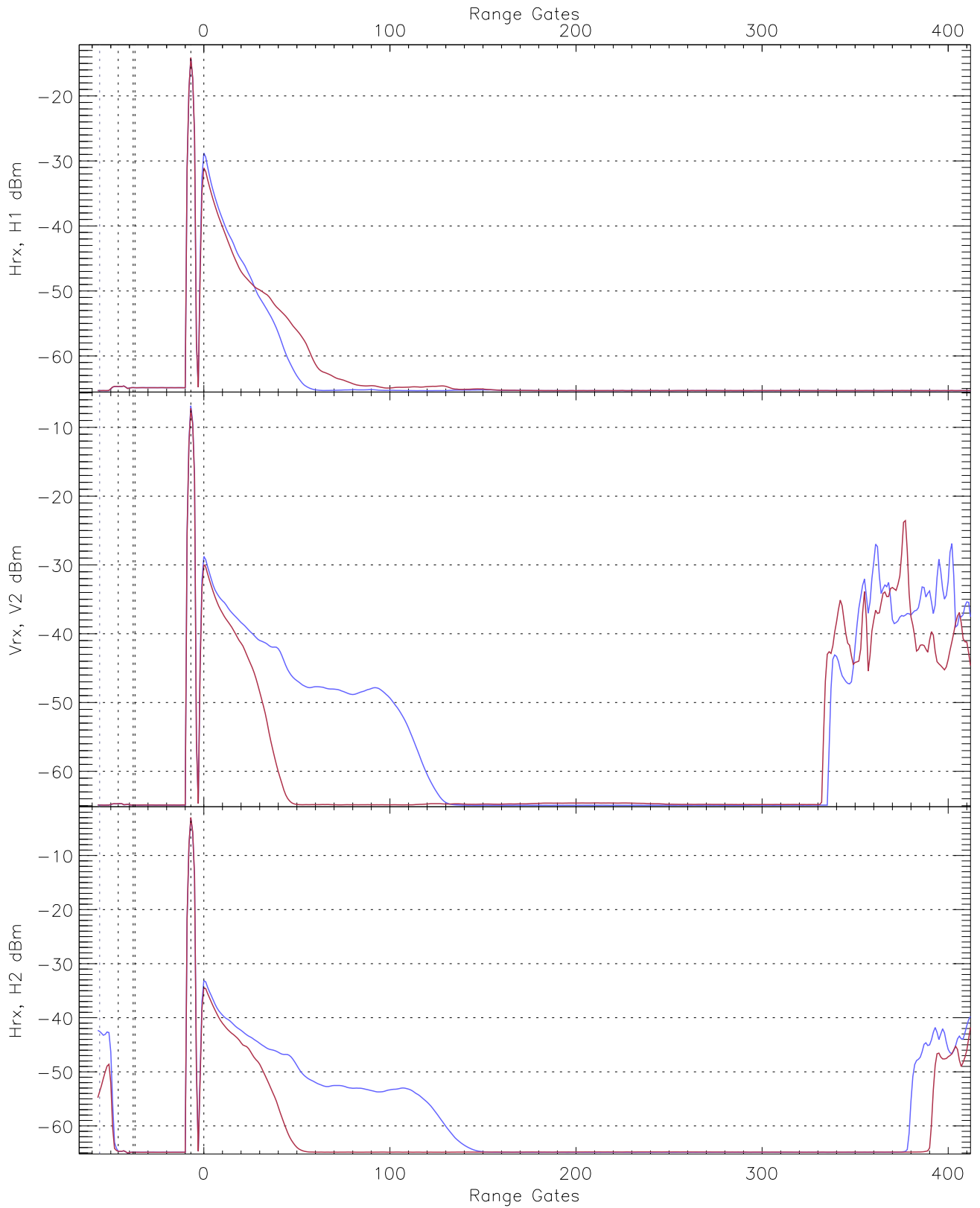
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.57	-64.14	-65.33	-65.34	-76.87
Vrx, V2 (RM [dBm])	-66.28	-63.53	-64.91	-64.92	-76.42
Hrx, H2 (RM [dBm])	-66.13	-26.13	-45.21	-64.65	-38.58

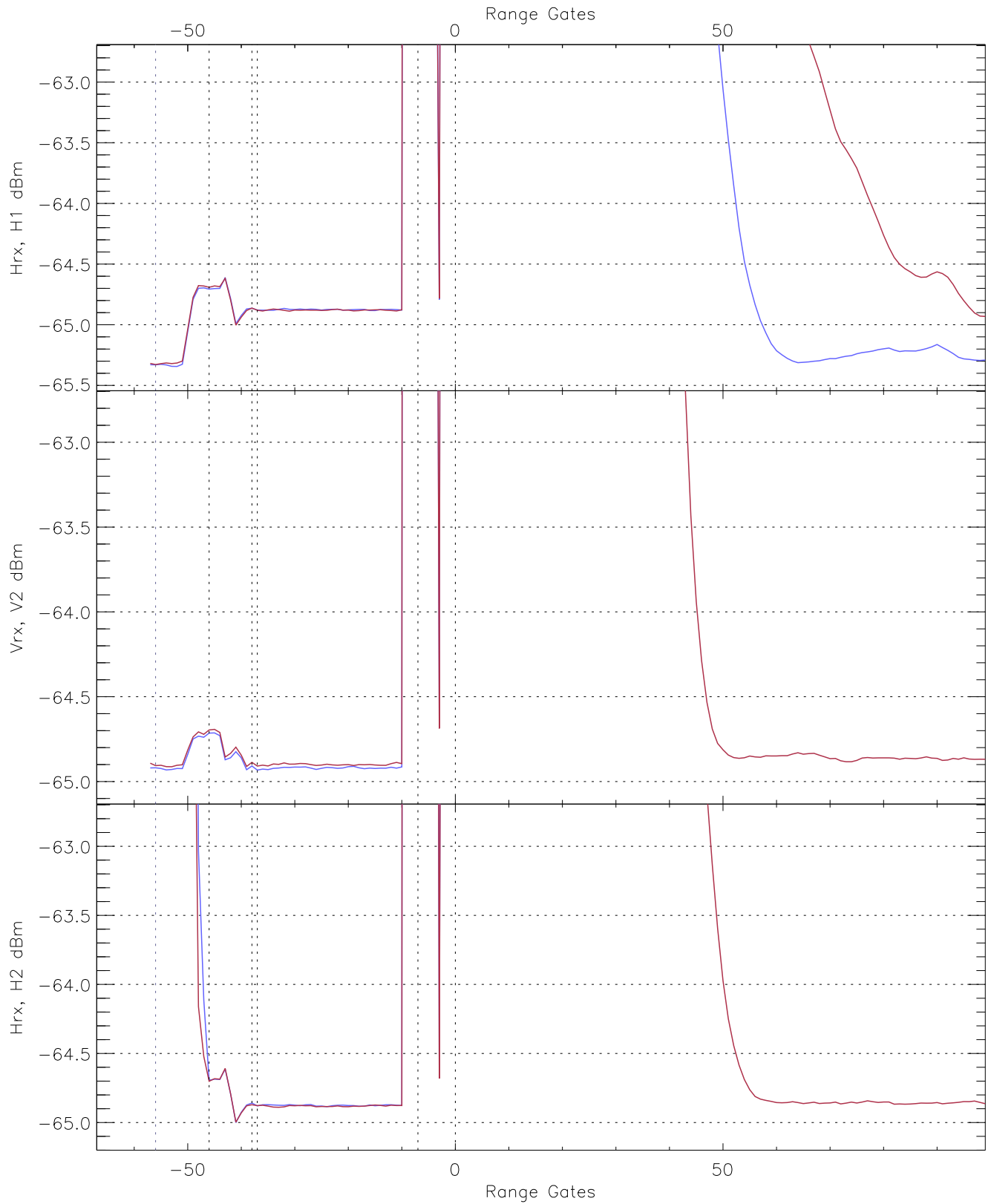


WCR3 CPP "Best" estimate Receivers Noise Power

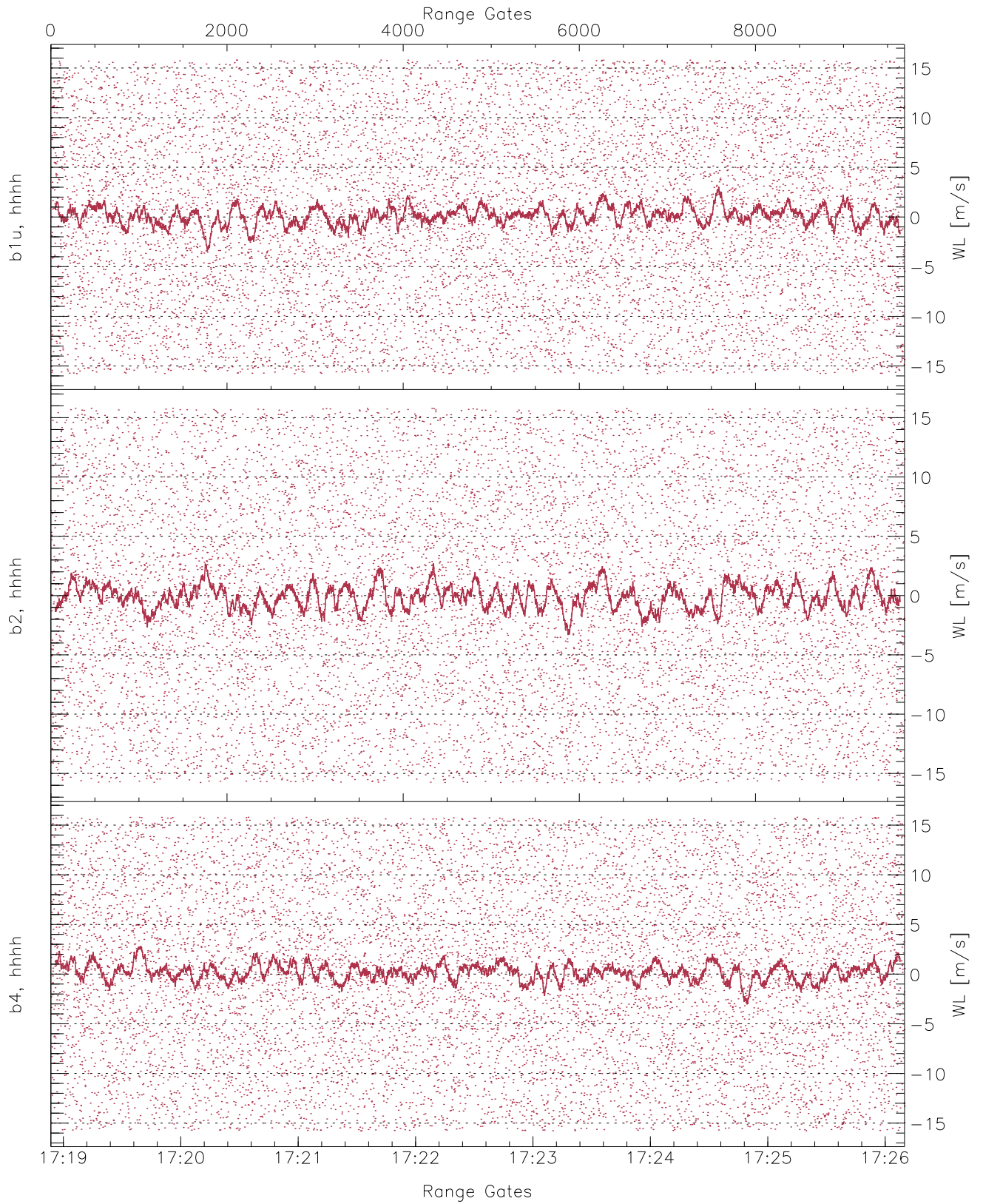
	Min	Max	Mean	Median	StDev
H1RG360_0 [dBm]	-66.61	-64.25	-65.33	-65.34	-76.82
V2WL1_0 [dBm]	-66.20	-63.85	-64.92	-64.93	-76.42
H1WL1_0 [dBm]	-66.07	-63.71	-64.88	-64.89	-76.40



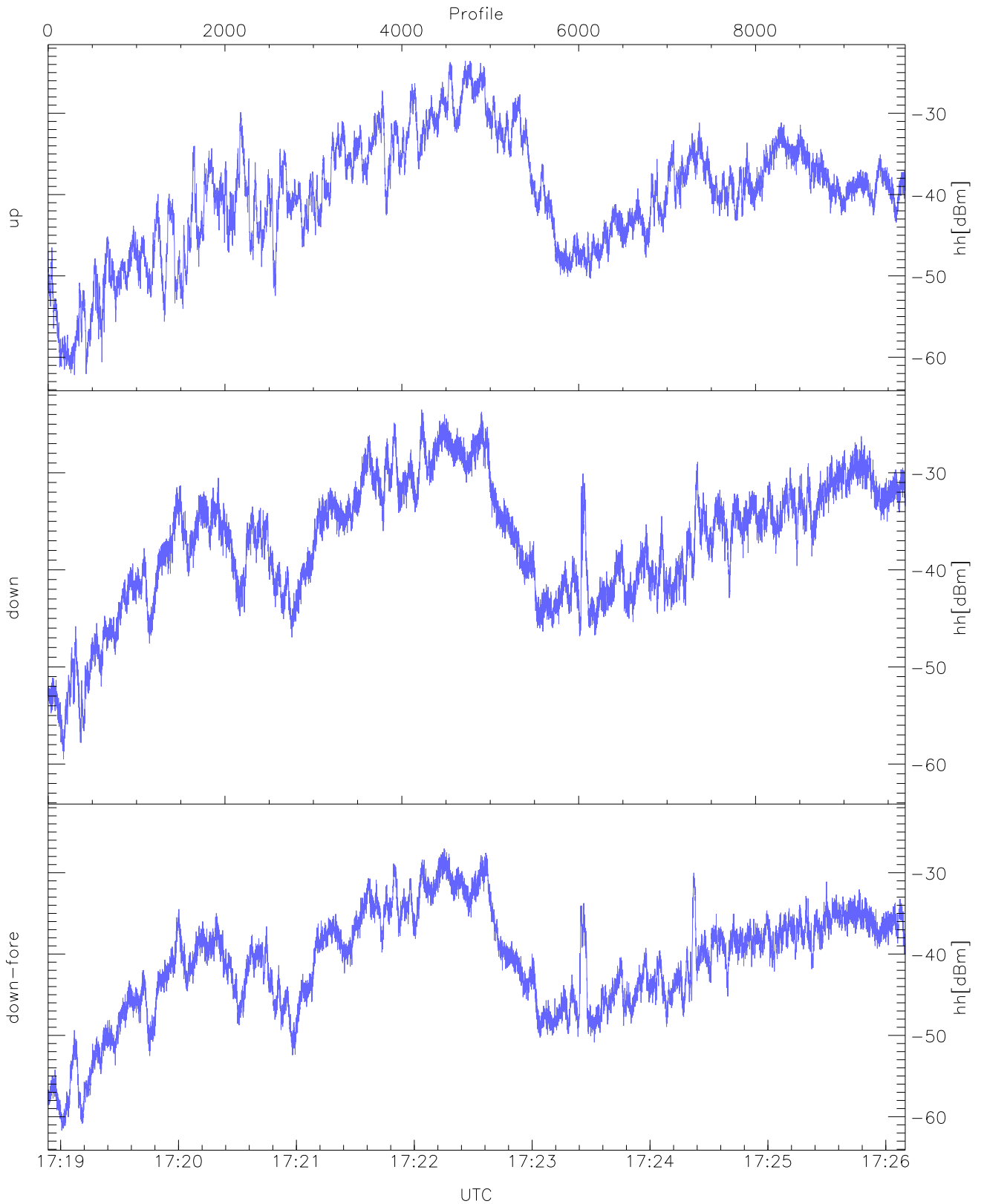
WCR3 CPP Averaged Received power for all recorded gates
blue: 171854-172232, 4848 profiles averaged
red: 172232-172610, 4847 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 171854-172232, 4848 profiles averaged
red: 172232-172610, 4847 profiles averaged

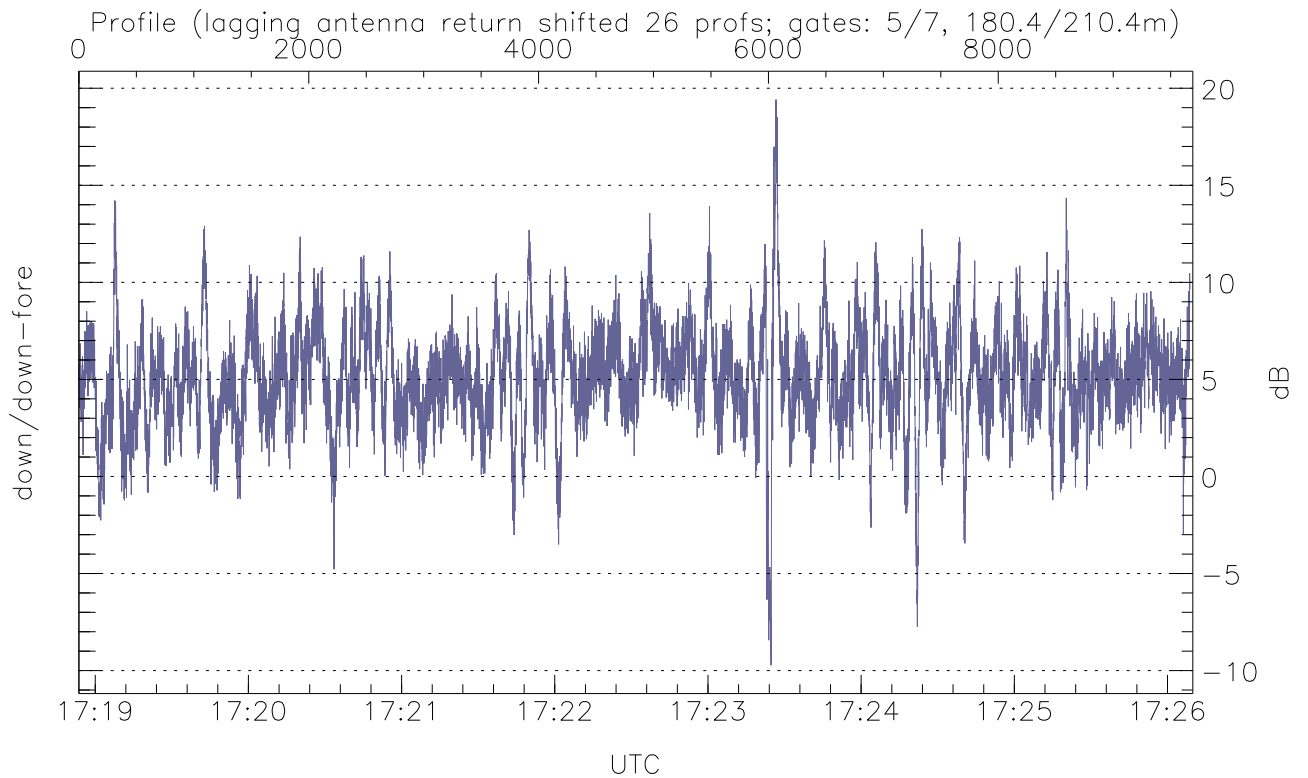
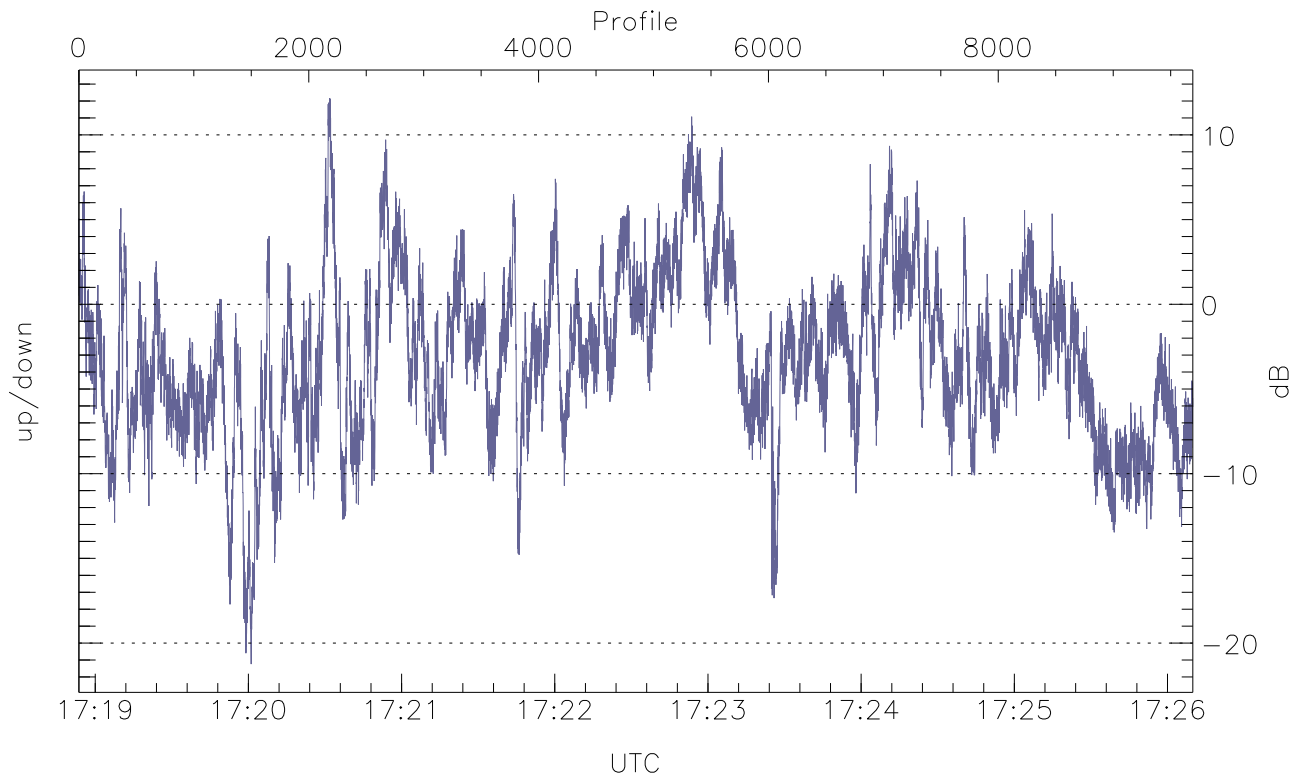


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



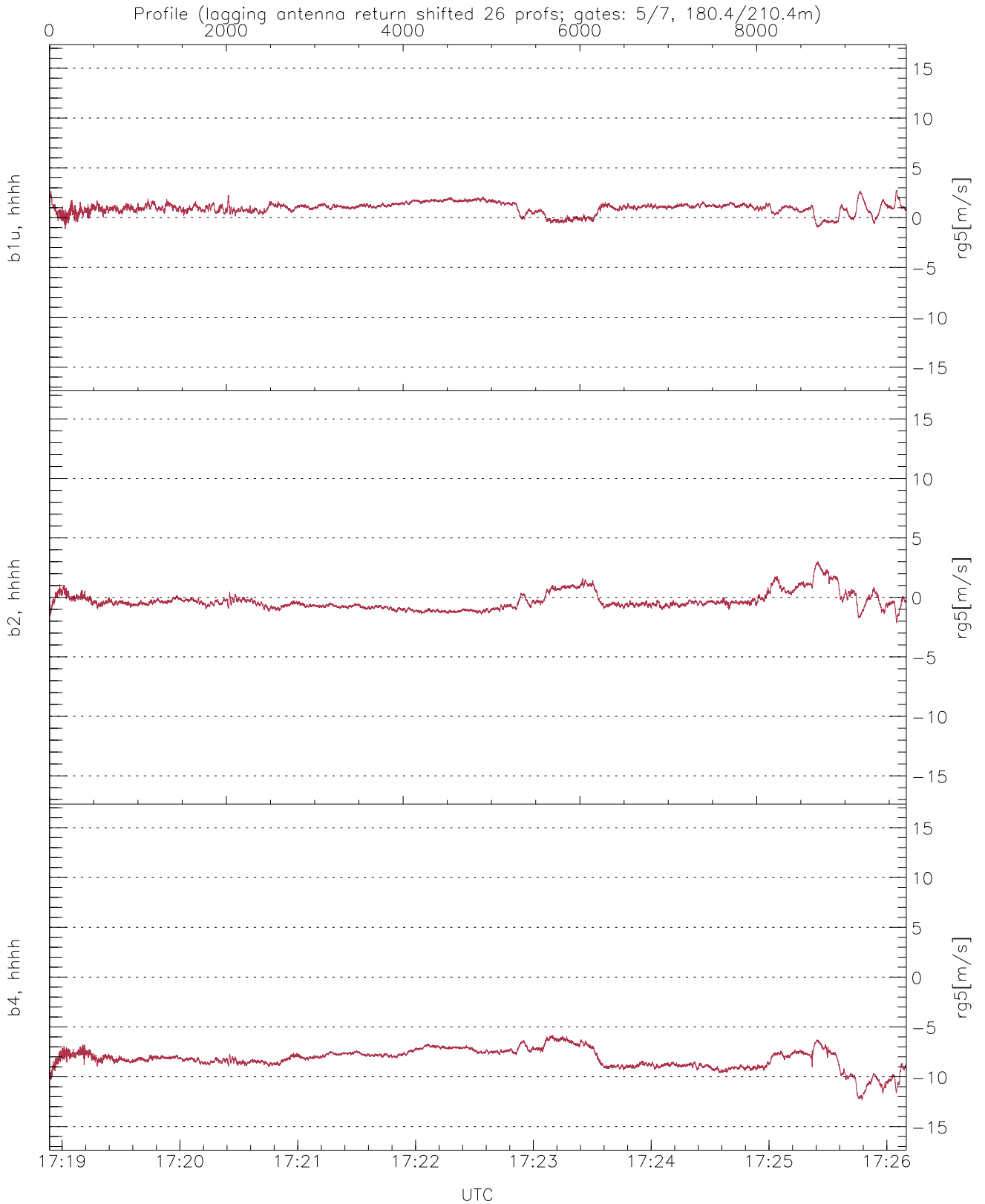
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-62.19	-23.55	-35.22
down(hh[dBm])	-59.52	-23.49	-33.38
down-fore(hh[dBm])	-61.70	-27.03	-37.23



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

	Min	Max	Mean
up/down (dB)	-21.24	12.16	-3.09
down/down-fore (dB)	-9.73	19.42	5.11



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.13	2.76	0.95	0.57
b2, hhhh(rg5[m/s])	-2.14	3.01	-0.32	0.74
b4, hhhh(rg5[m/s])	-12.36	-5.82	-8.19	1.01