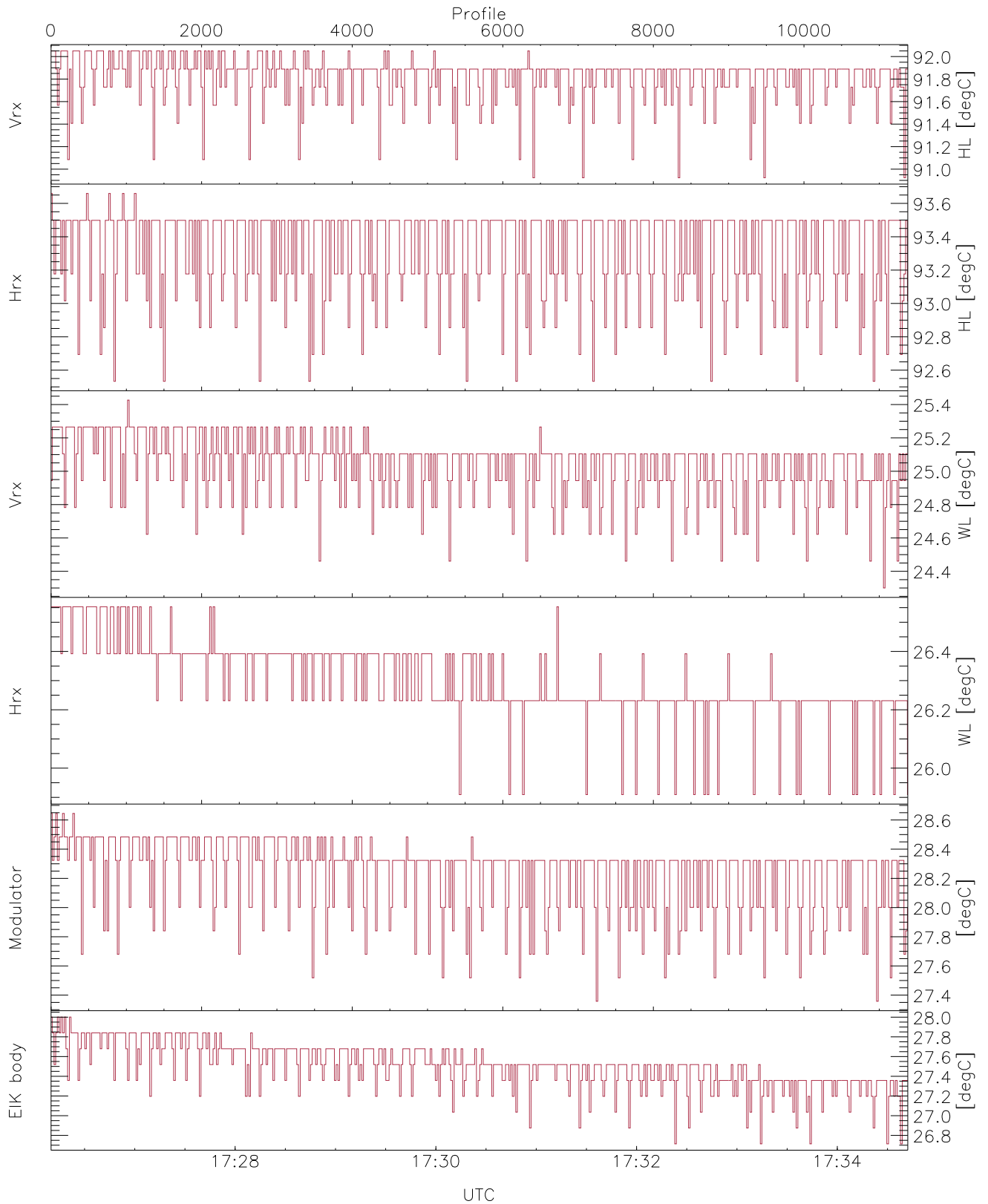


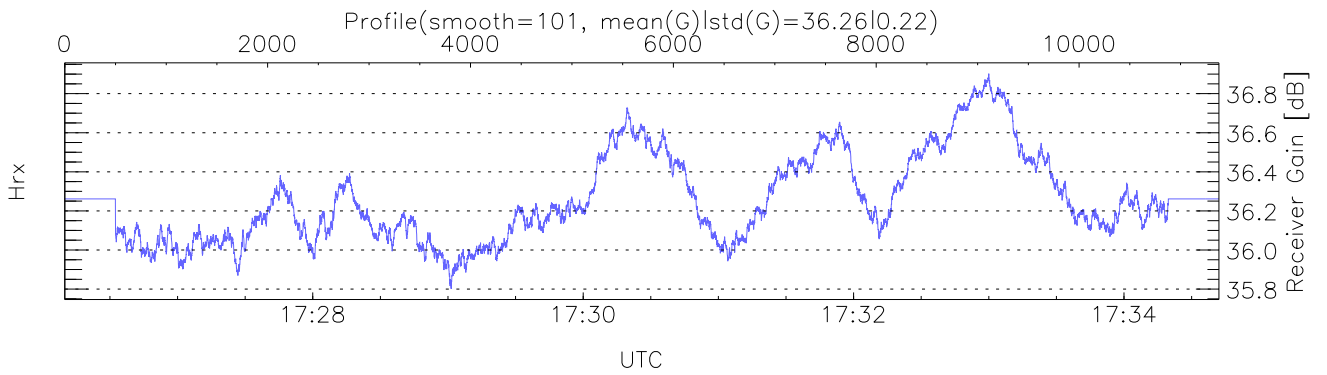
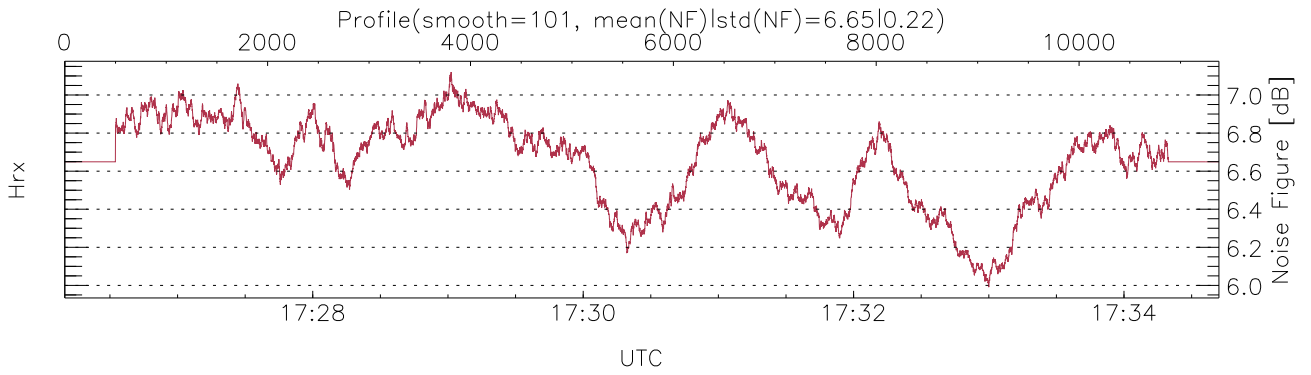
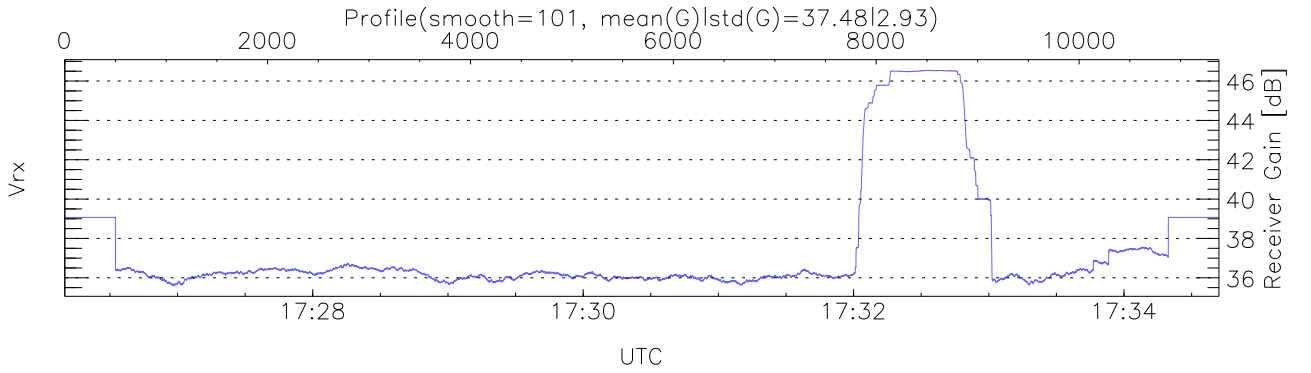
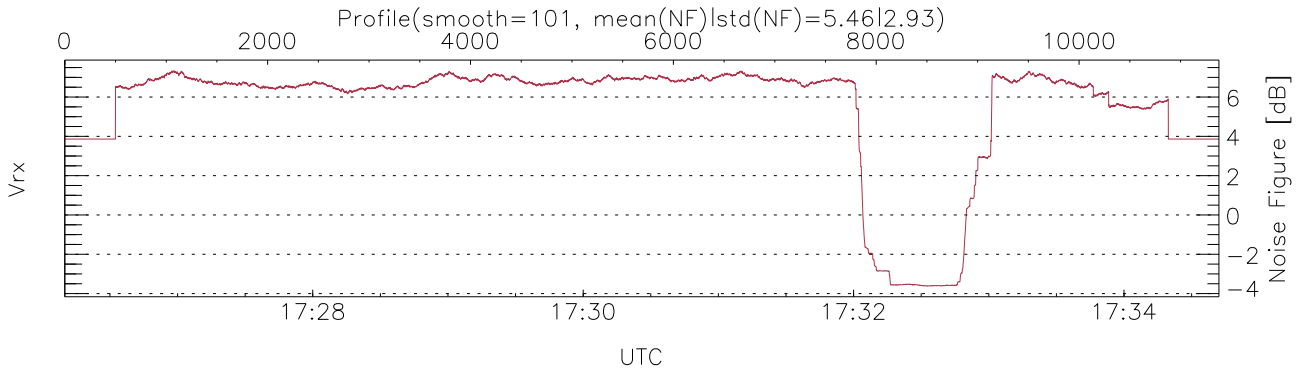
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:26:10-17:34:42, TimeCor: 0.00s, Dur: 512.18s
 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): 11380/11380, 0-11379/17:26:10-17:34:42
 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



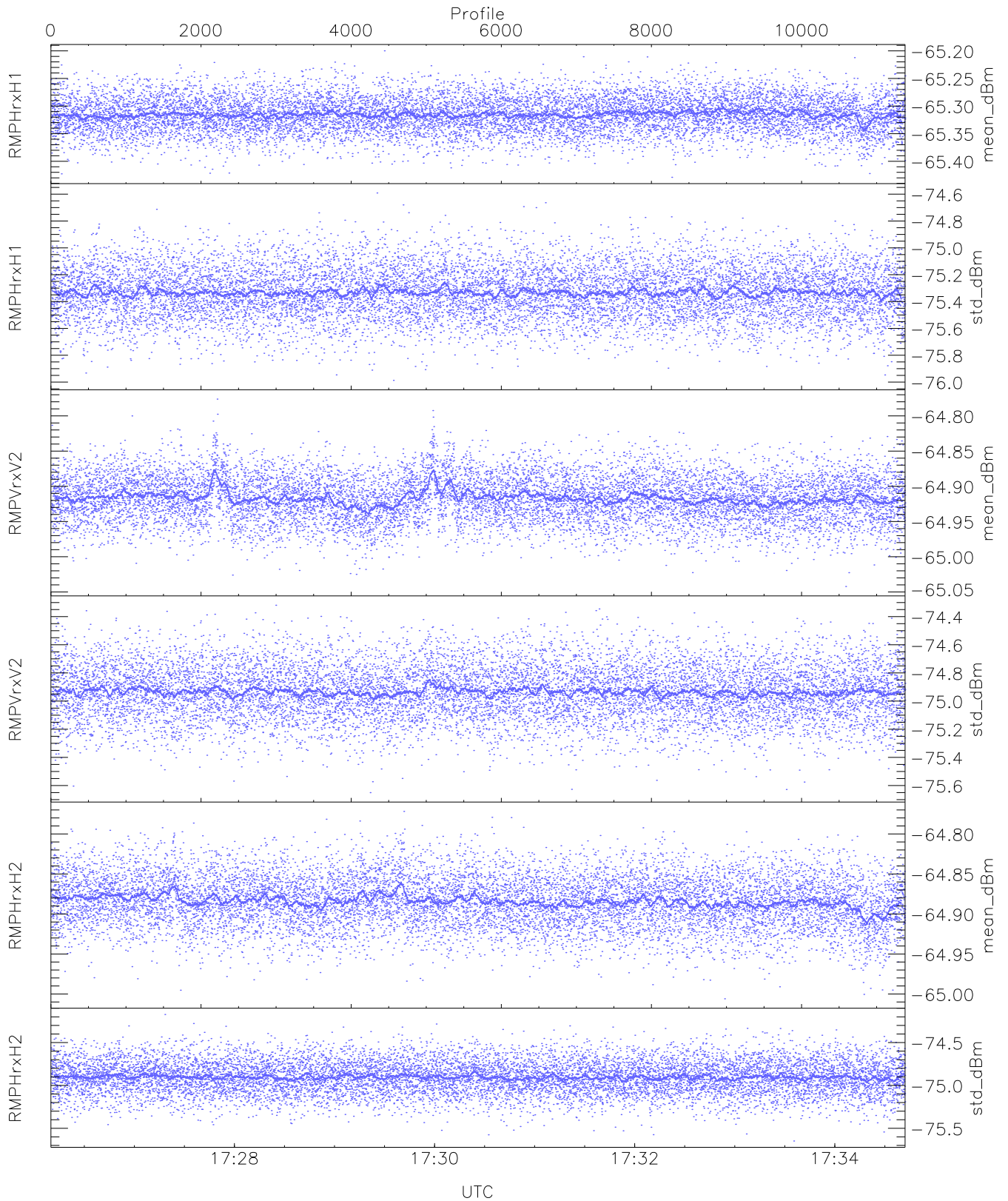
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,24,25,27,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,25,26,28,28`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK/Modulator Faults: None`



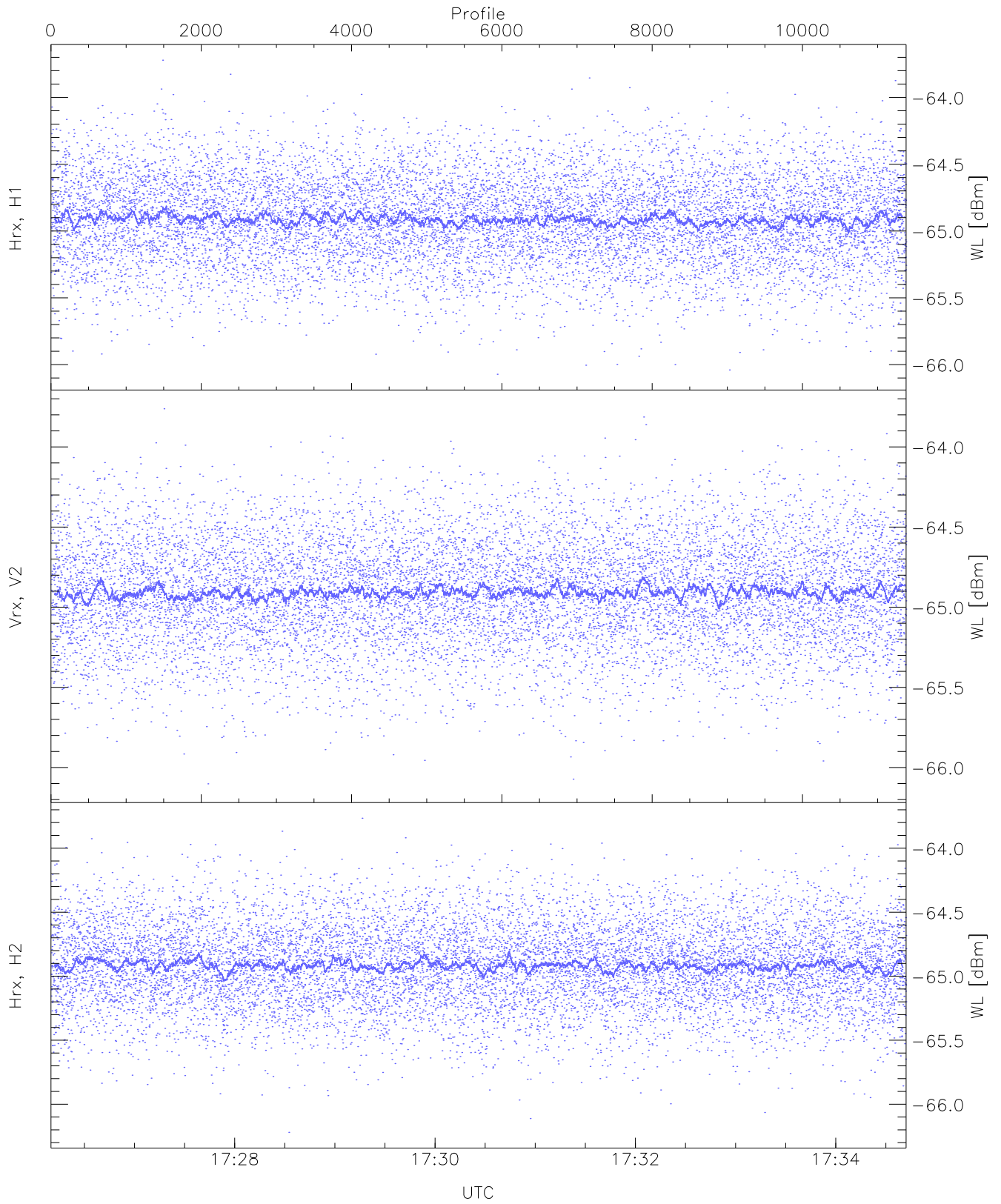
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 3 pixs, 1 gates, 3 profs, 1 prod(s)



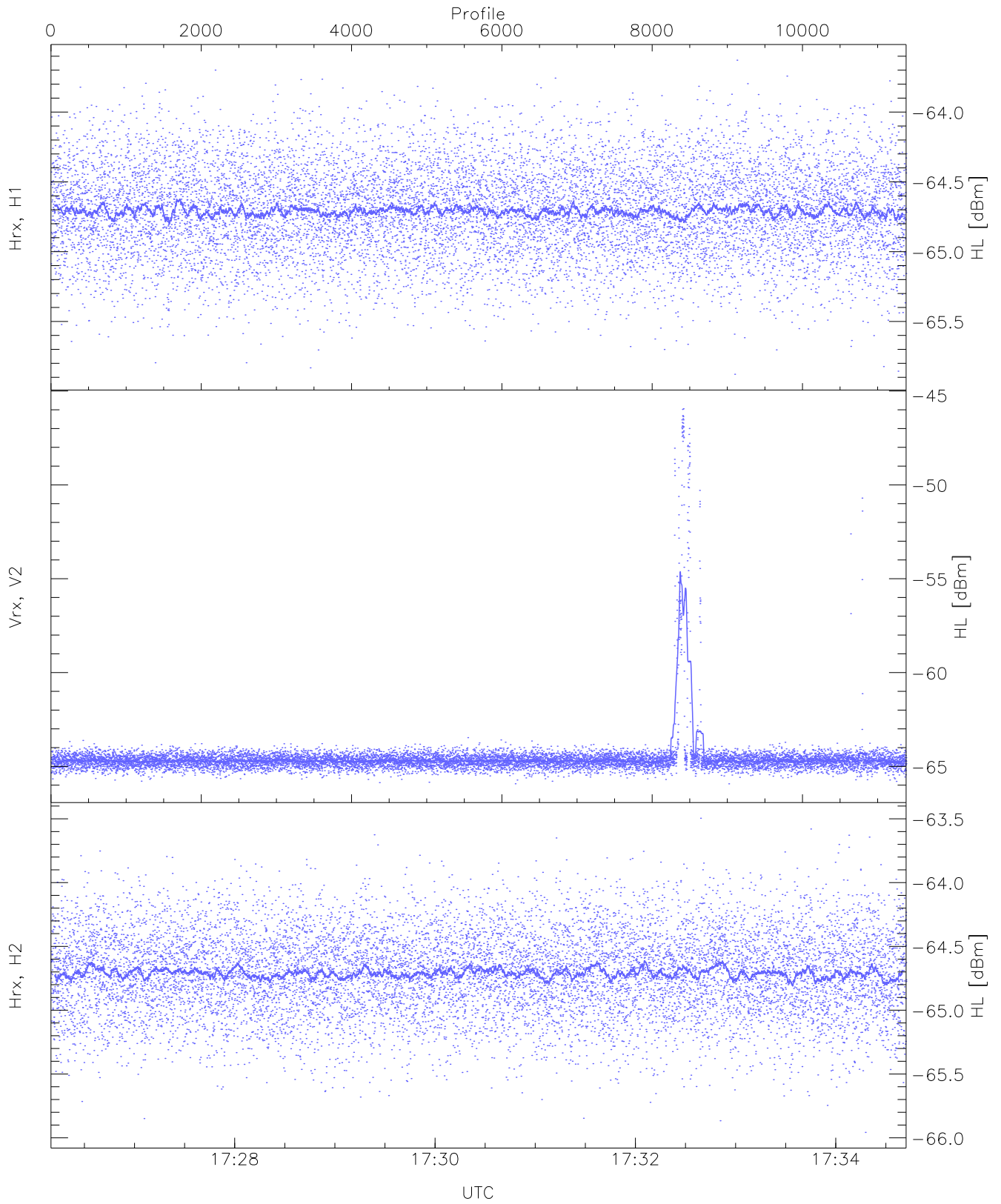
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.20	-65.32	-65.32	-86.88
RMPHrxH1(std_dBm)	-75.99	-74.59	-75.33	-75.33	-89.12
RMPVrxV2(mean_dBm)	-65.04	-64.78	-64.92	-64.92	-86.36
RMPVrxV2(std_dBm)	-75.65	-74.32	-74.93	-74.94	-88.71
RMPHrxH2(mean_dBm)	-65.01	-64.77	-64.88	-64.88	-86.40
RMPHrxH2(std_dBm)	-75.65	-74.17	-74.90	-74.91	-88.64



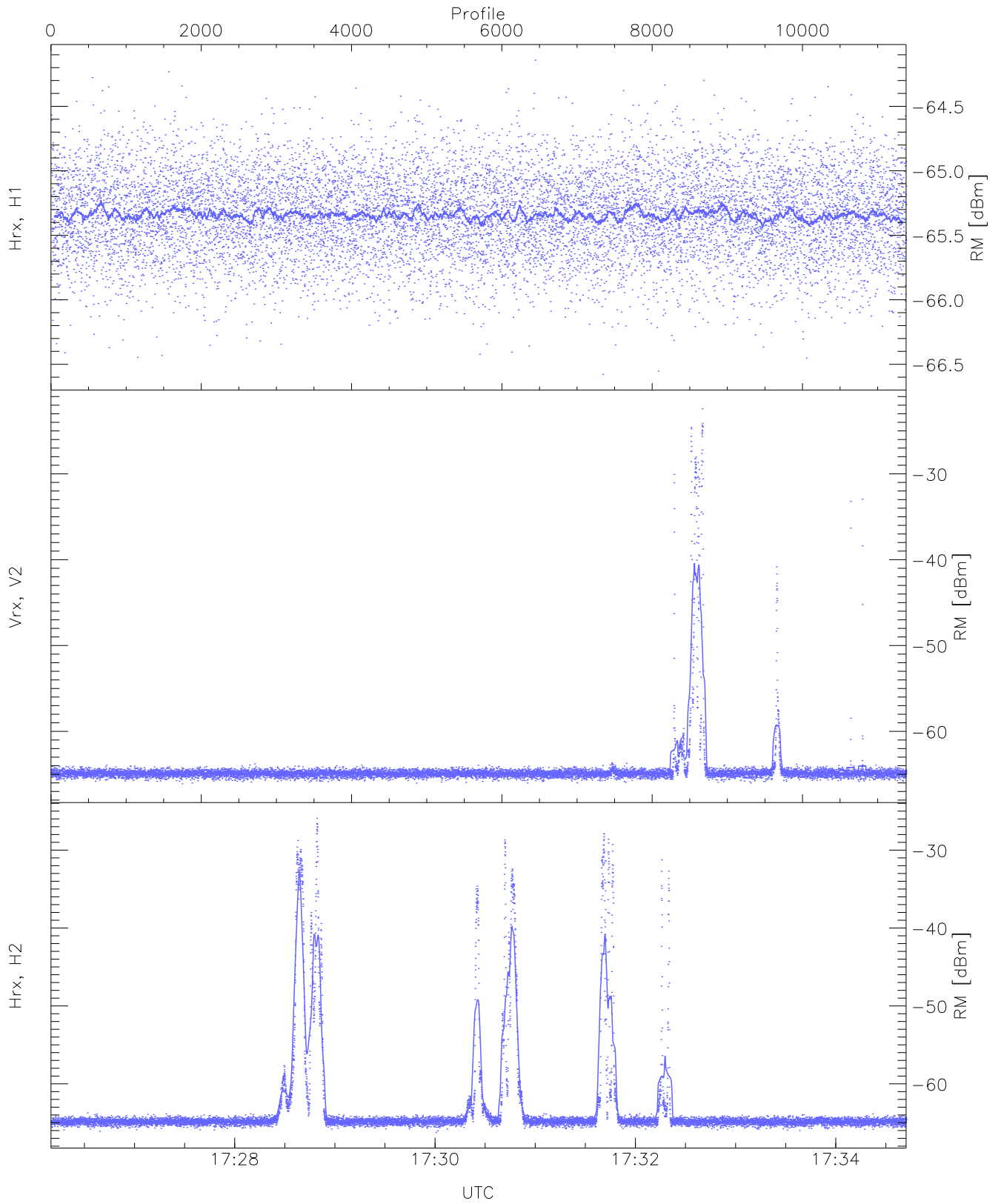
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.07	-63.72	-64.91	-64.91	-76.40
Vrx, V2(WL [dBm])	-66.10	-63.76	-64.90	-64.91	-76.39
Hrx, H2(WL [dBm])	-66.22	-63.77	-64.91	-64.92	-76.42



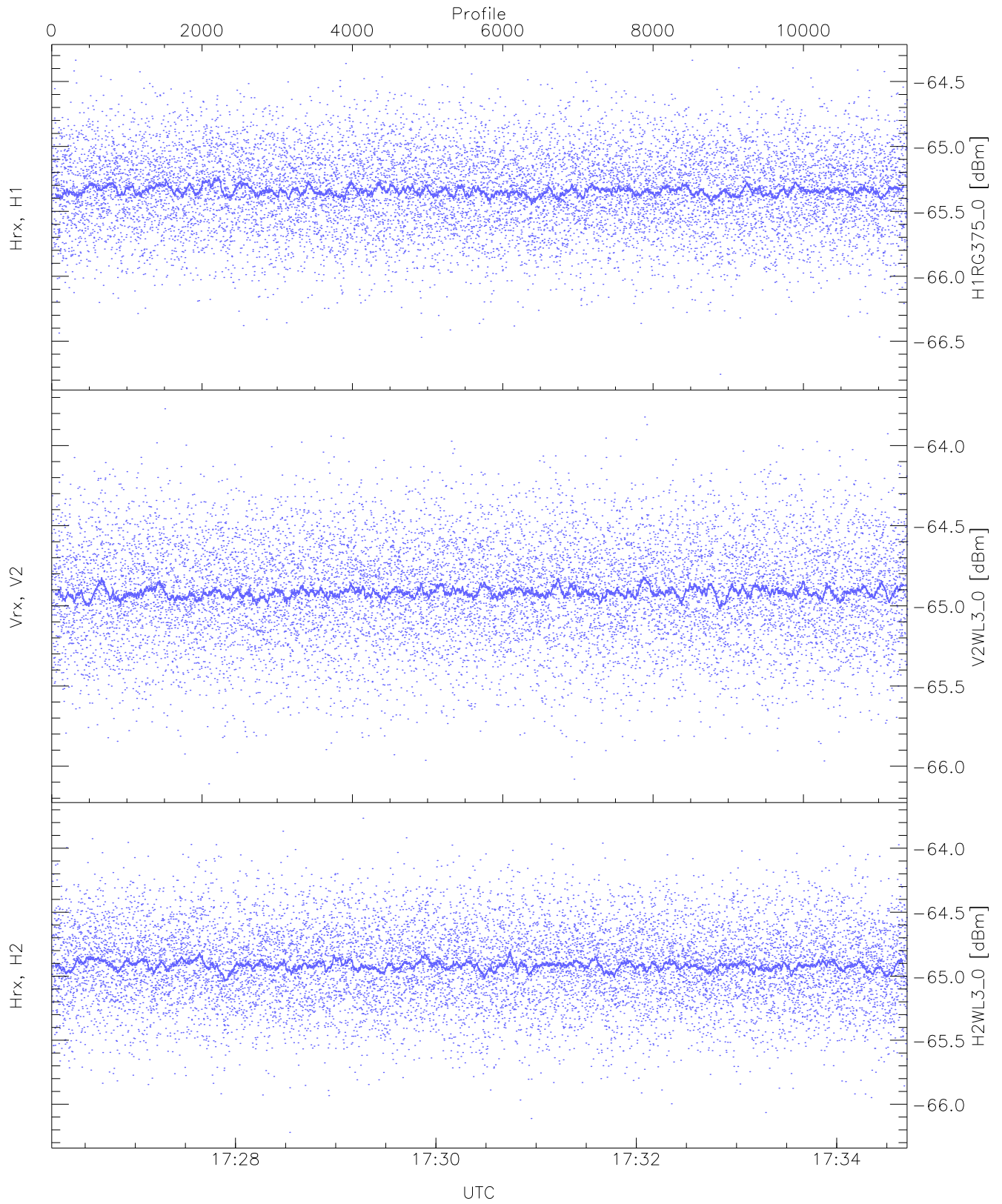
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.88	-63.63	-64.70	-64.71	-76.20
Vrx, V2 (HL [dBm])	-65.93	-45.94	-63.52	-64.70	-59.11
Hrx, H2 (HL [dBm])	-65.96	-63.50	-64.70	-64.71	-76.14



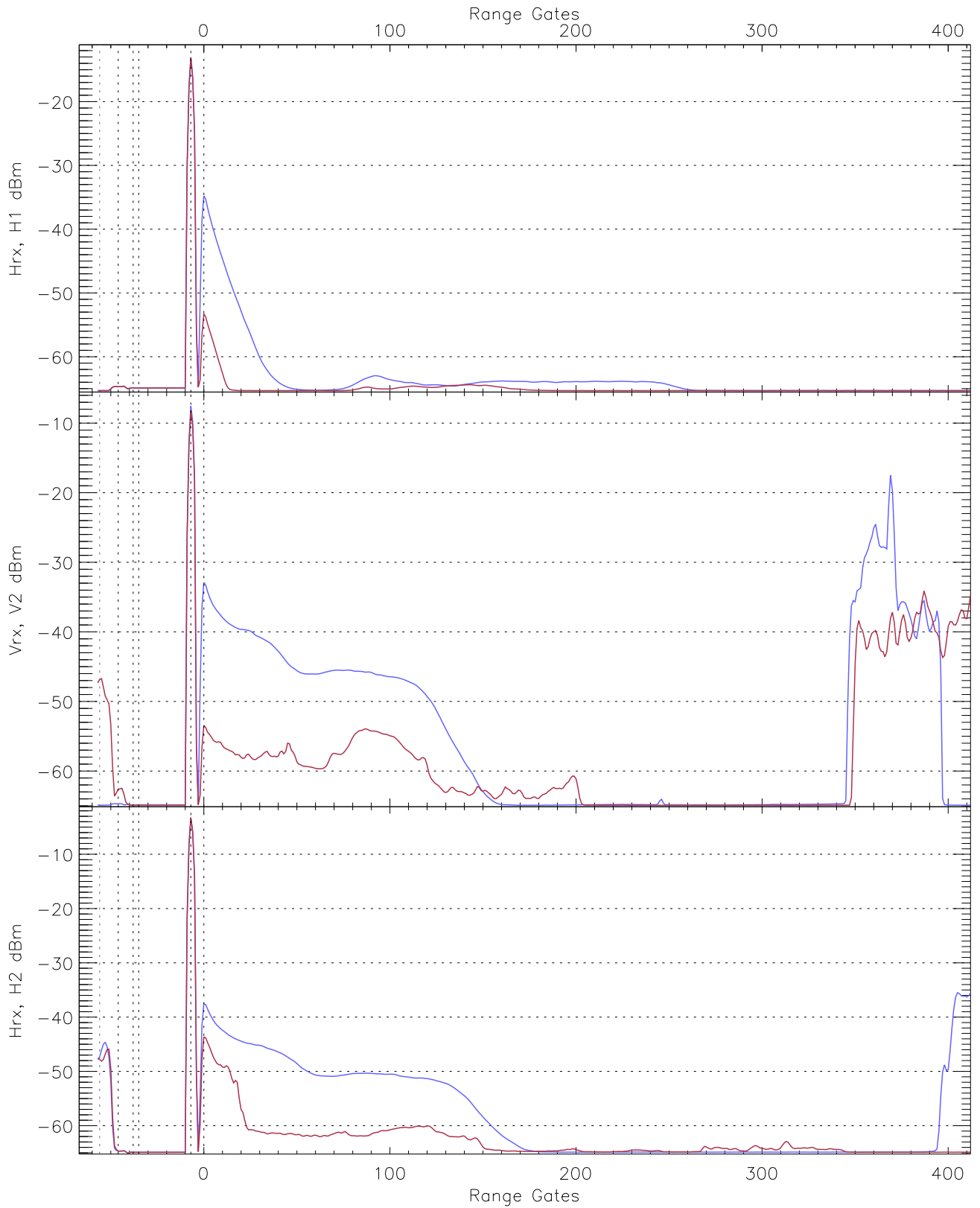
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.58	-64.14	-65.33	-65.34	-76.82
Vrx, V2 (RM [dBm])	-66.10	-22.42	-49.78	-64.89	-38.29
Hrx, H2 (RM [dBm])	-66.23	-25.91	-47.54	-64.78	-39.40

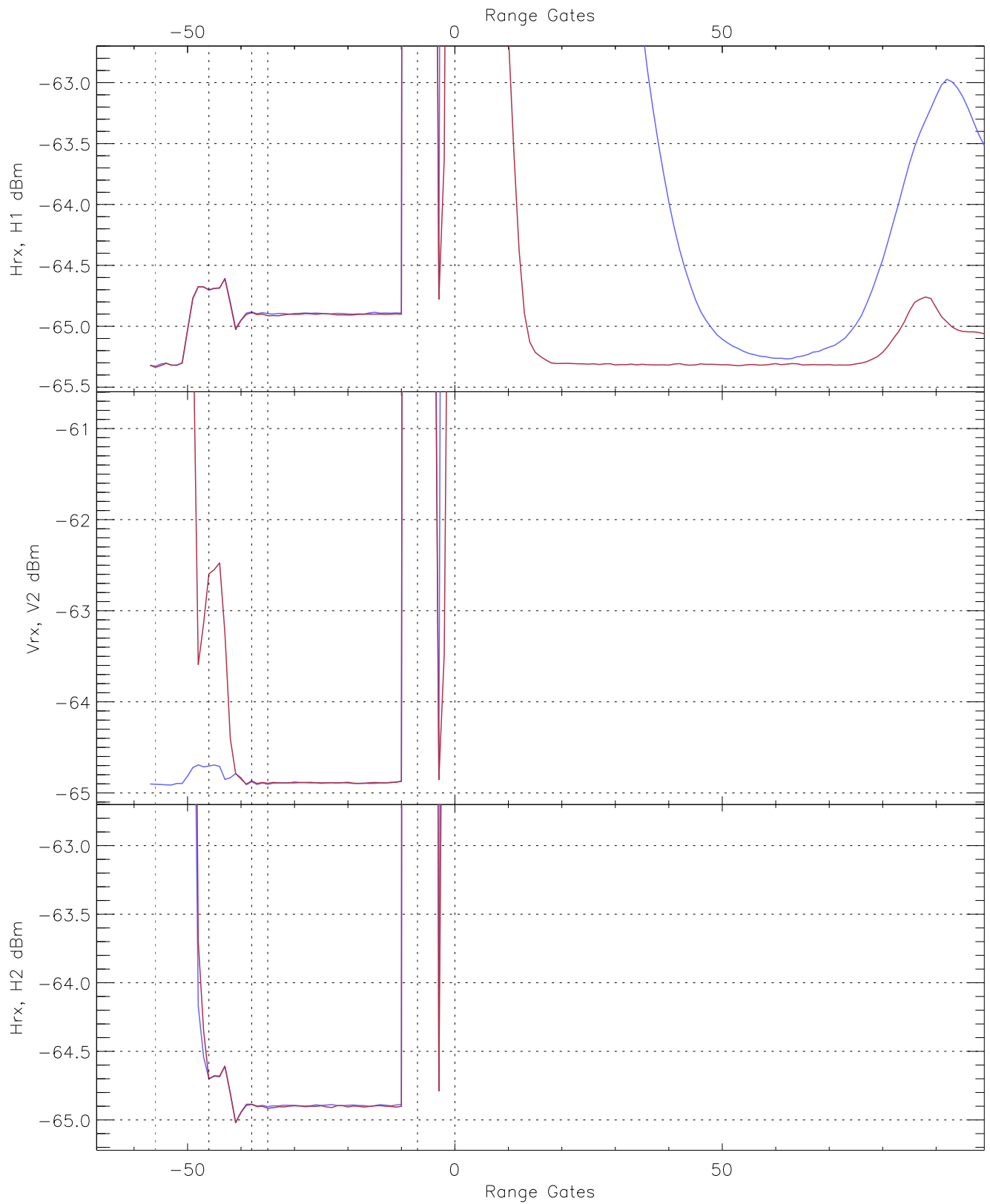


WCR3 CPP "Best" estimate Receivers Noise Power

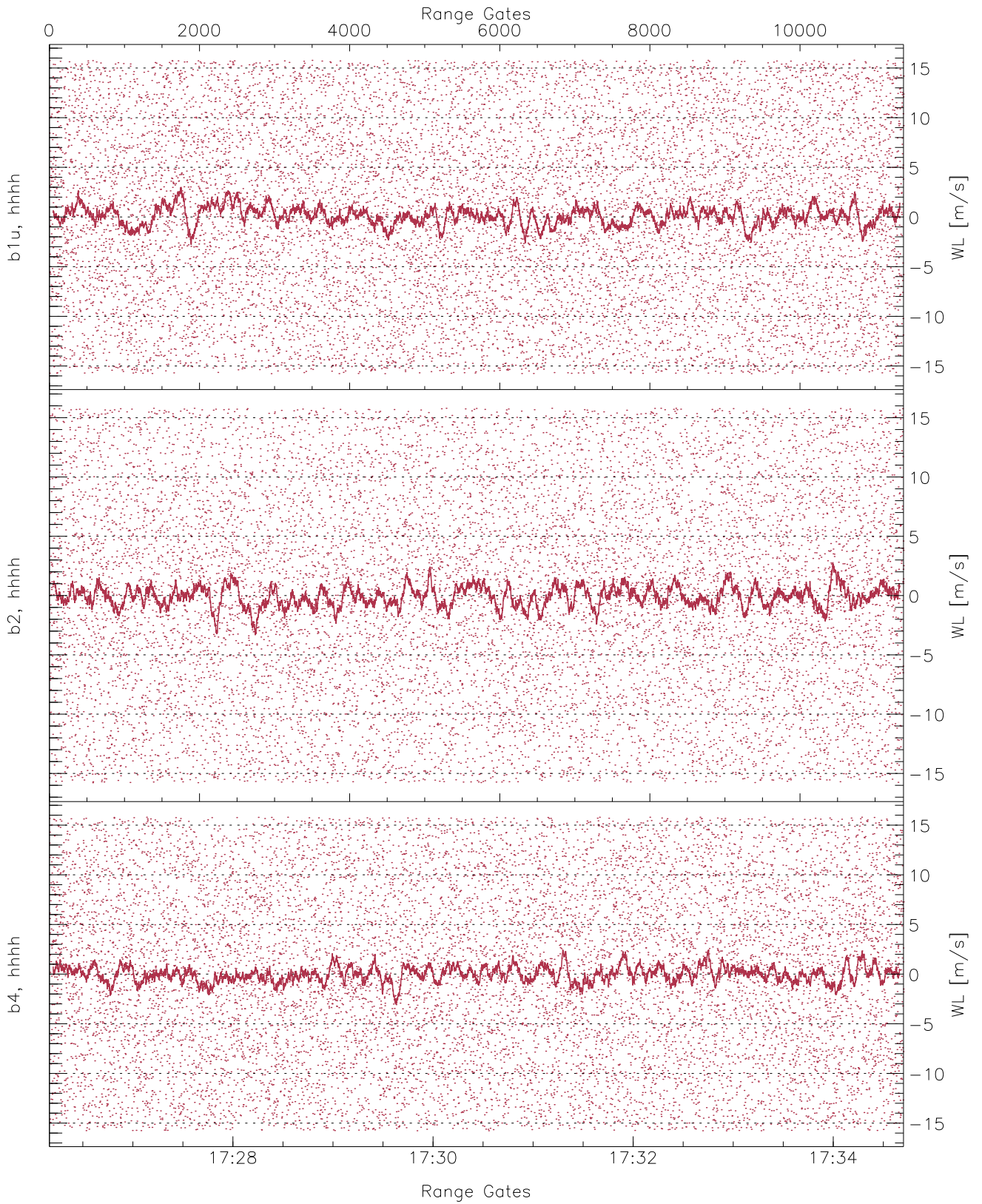
	Min	Max	Mean	Median	StDev
H1RG375_0 [dBm]	-66.76	-64.34	-65.33	-65.34	-76.86
V2WL3_0 [dBm]	-66.11	-63.77	-64.91	-64.92	-76.40
H2WL3_0 [dBm]	-66.22	-63.77	-64.91	-64.92	-76.42



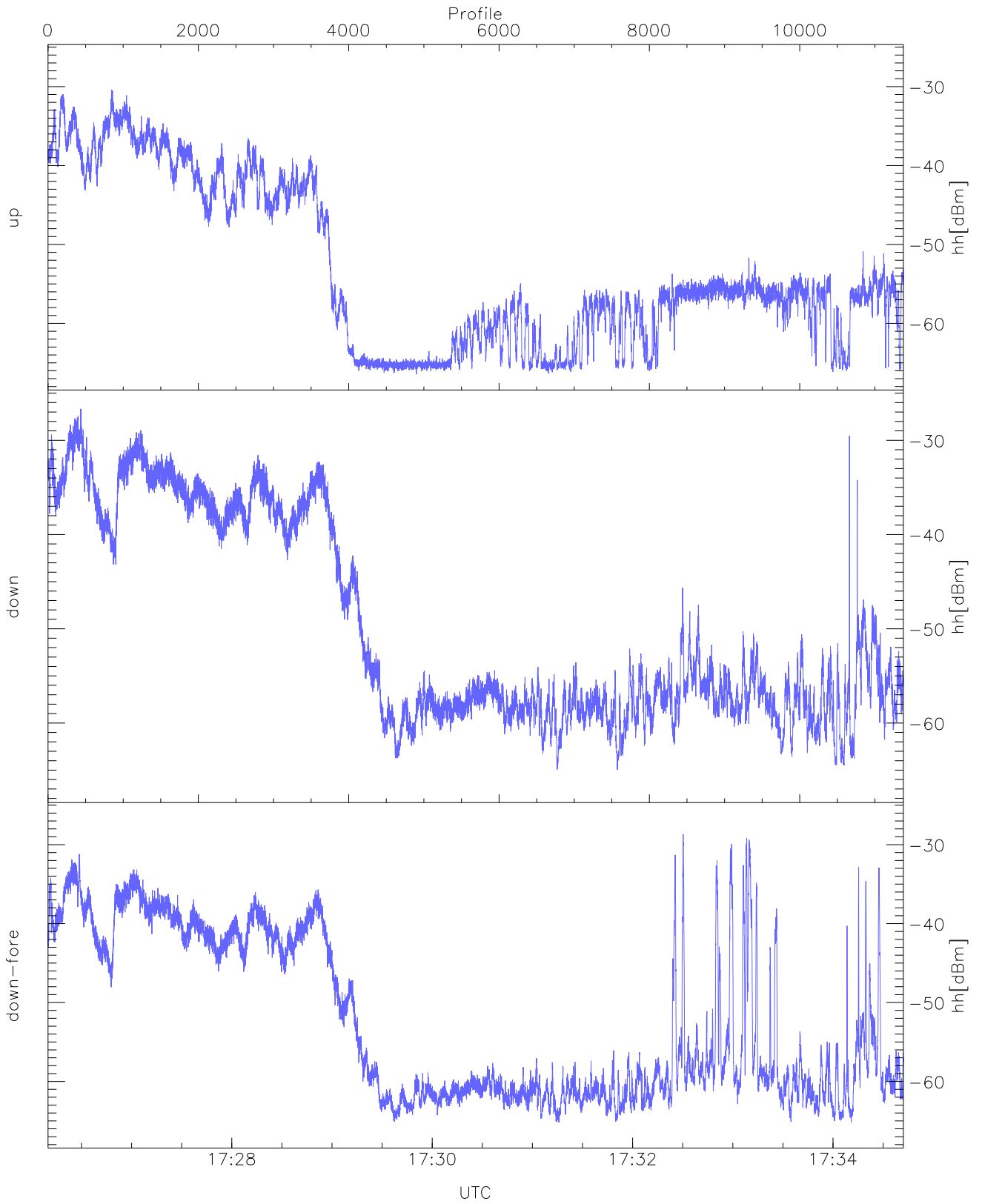
WCR3 CPP Averaged Received power for all recorded gates
blue: 172610-173026, 5691 profiles averaged
red: 173026-173442, 5690 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 172610-173026, 5691 profiles averaged
red: 173026-173442, 5690 profiles averaged

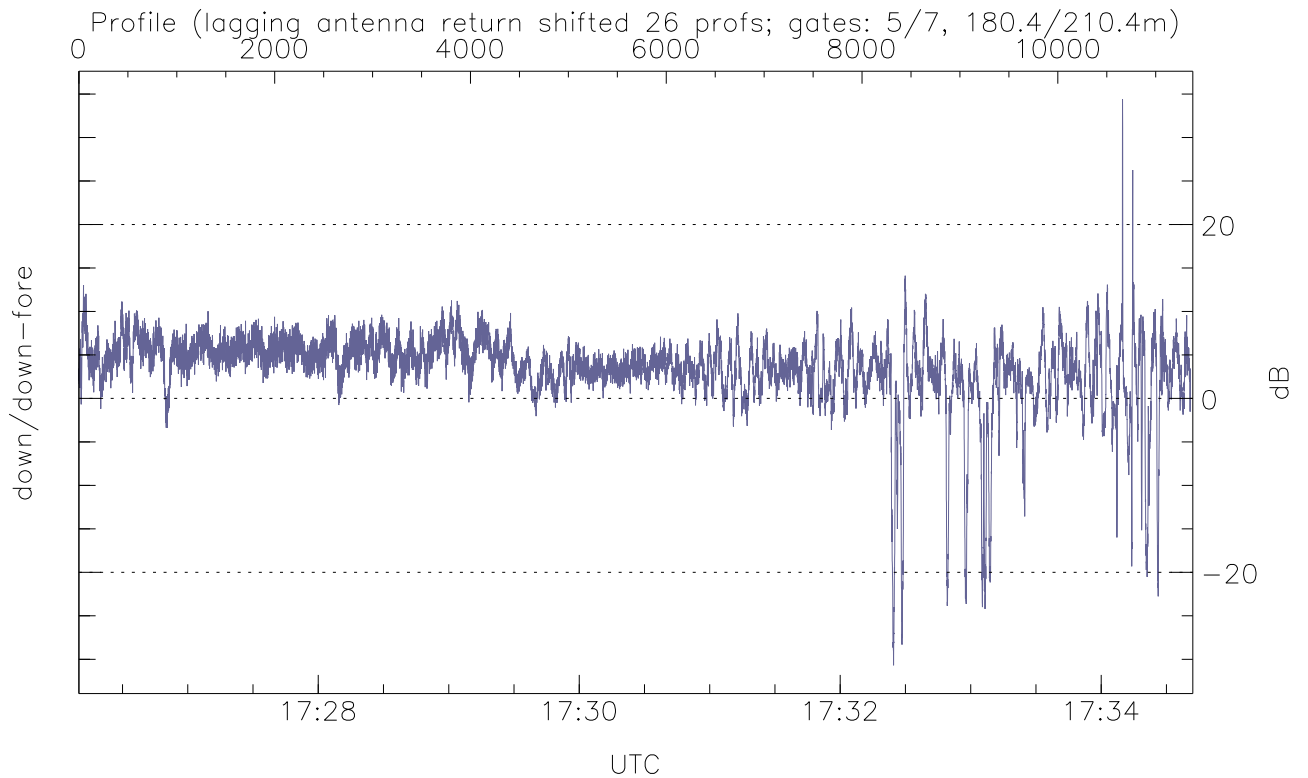
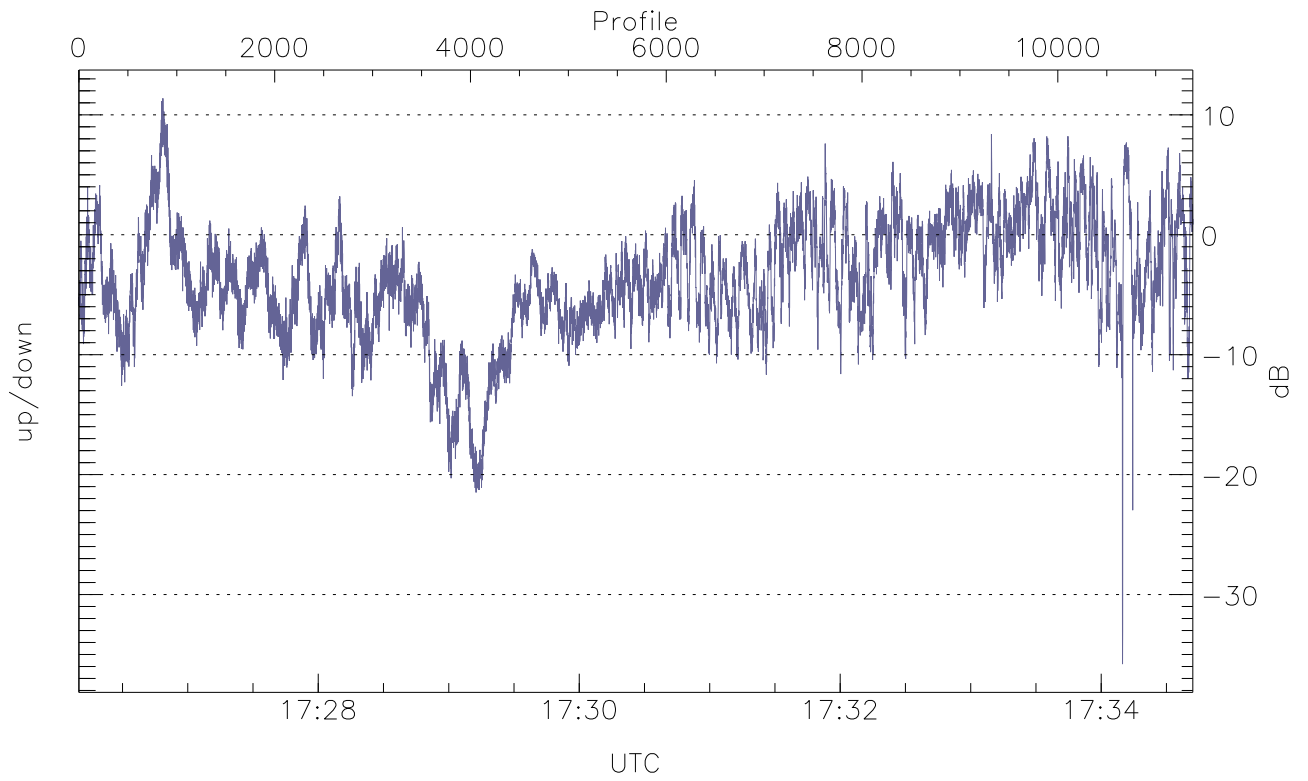


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



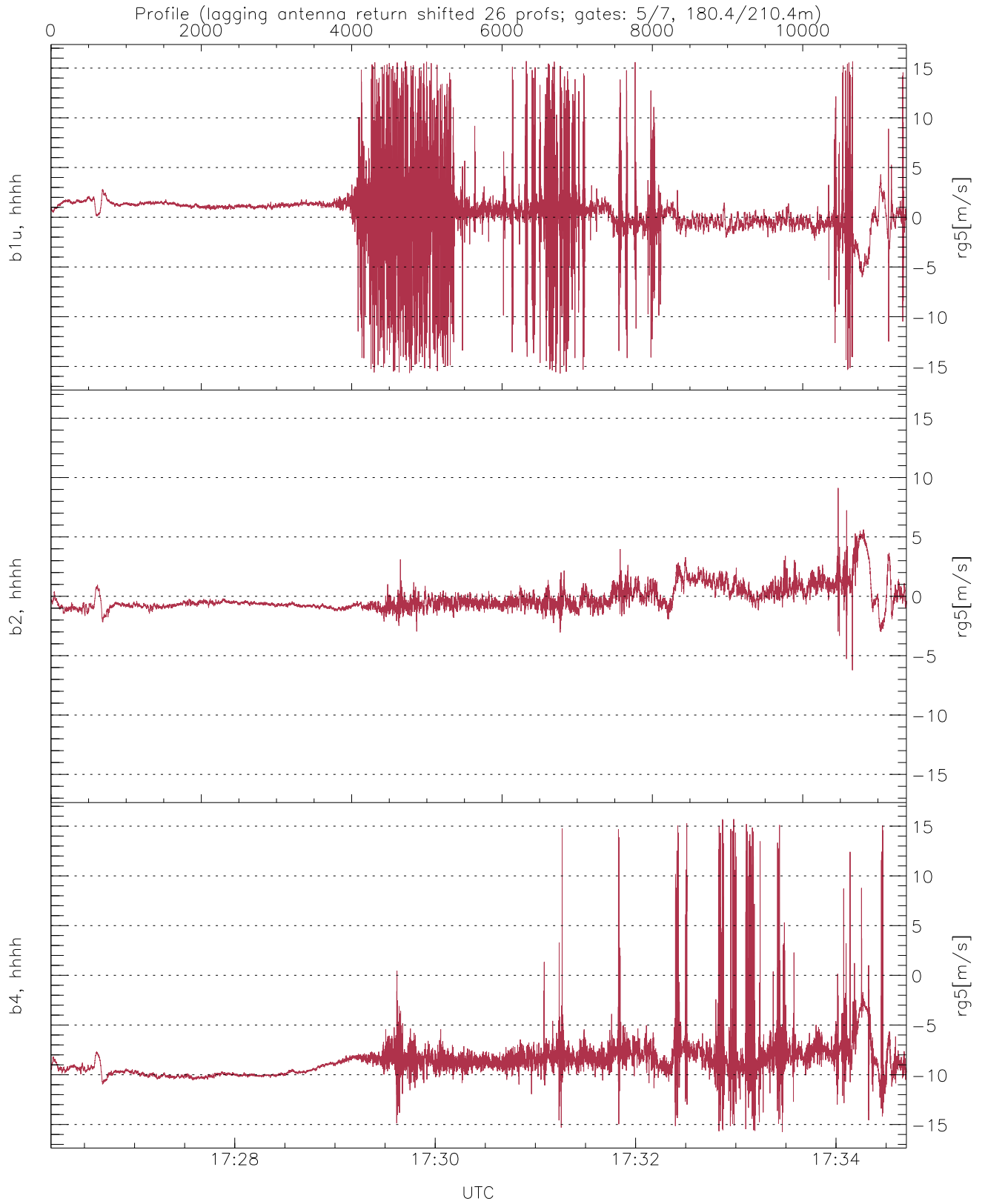
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.45	-30.44	-42.89
down(hh[dBm])	-64.97	-26.65	-39.10
down-fore(hh[dBm])	-65.17	-28.68	-42.70



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

	Min	Max	Mean
up/down (dB)	-35.80	11.38	-3.66
down/down-fore (dB)	-30.69	34.37	3.47



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.71	15.70	0.41	3.34
b2, hhhh(rg5[m/s])	-6.23	9.12	-0.16	1.10
b4, hhhh(rg5[m/s])	-15.75	15.71	-8.46	2.53