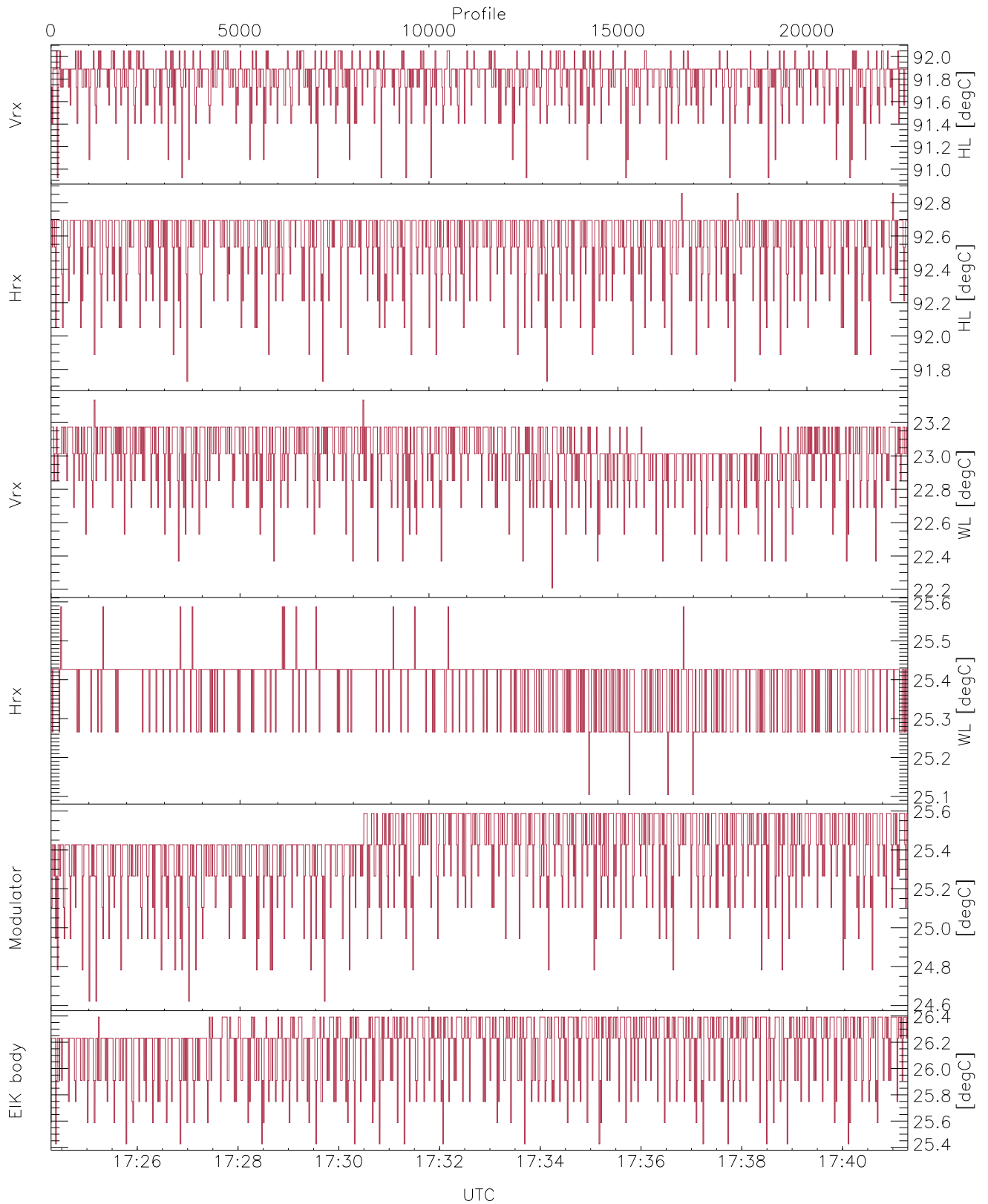


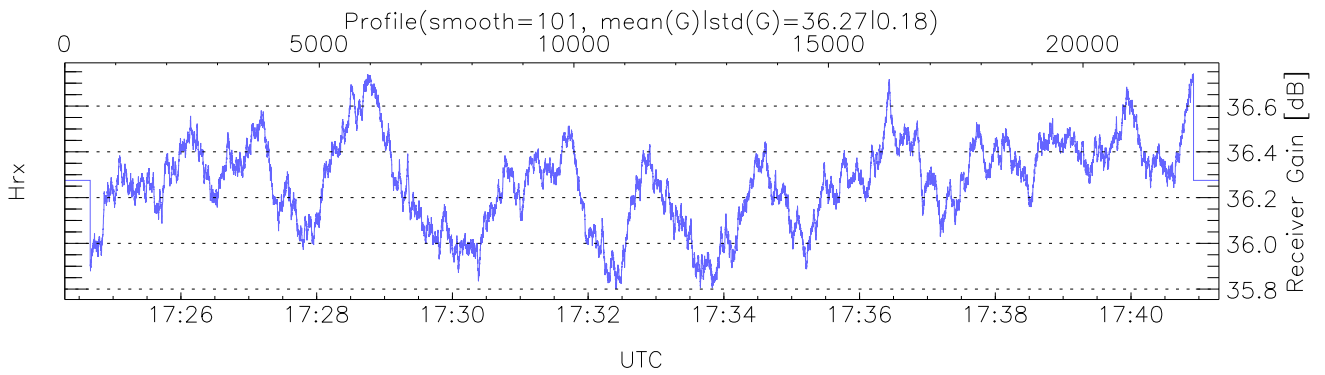
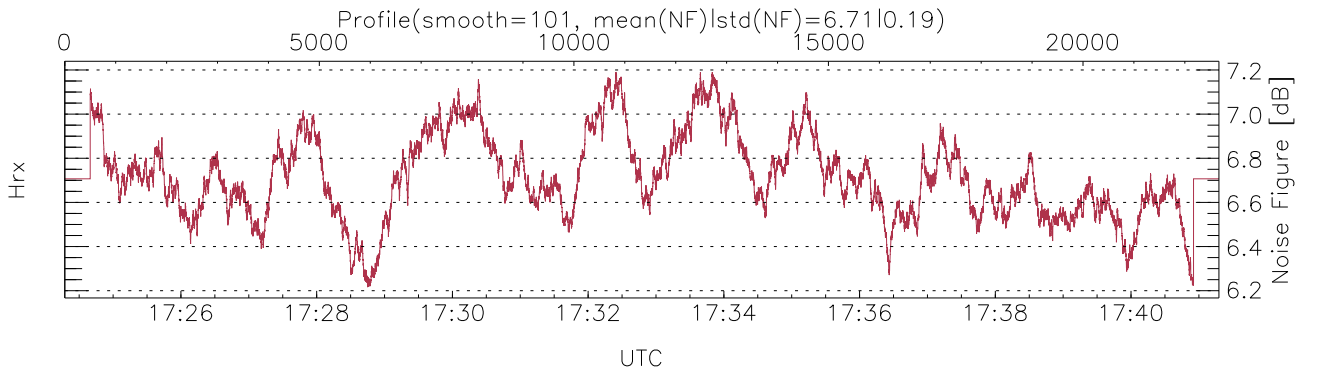
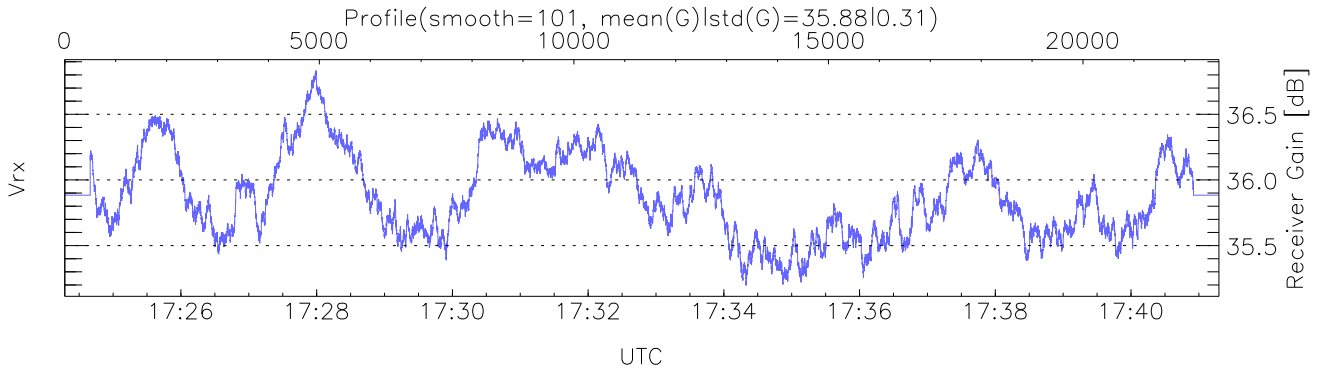
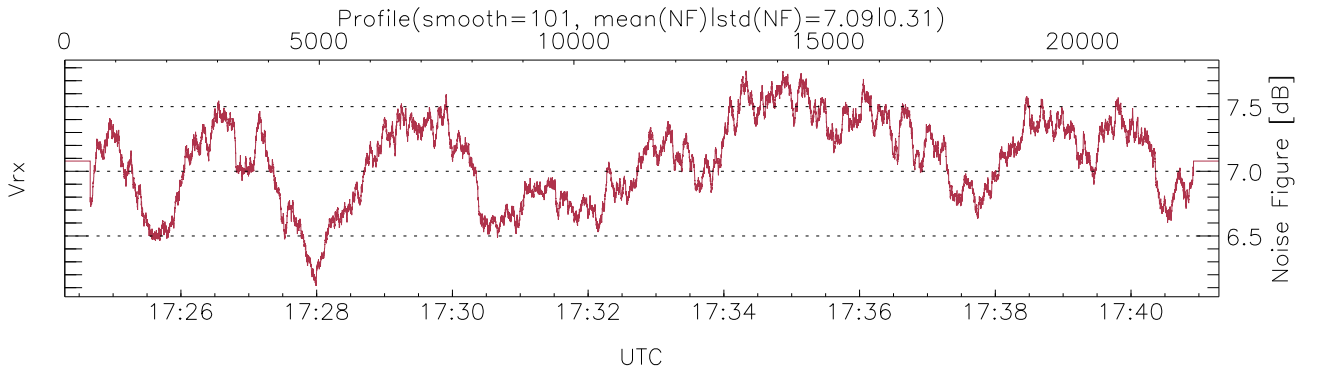
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:24:17-17:41:18, 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, 0-22671/17:24:17-17:41:18
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



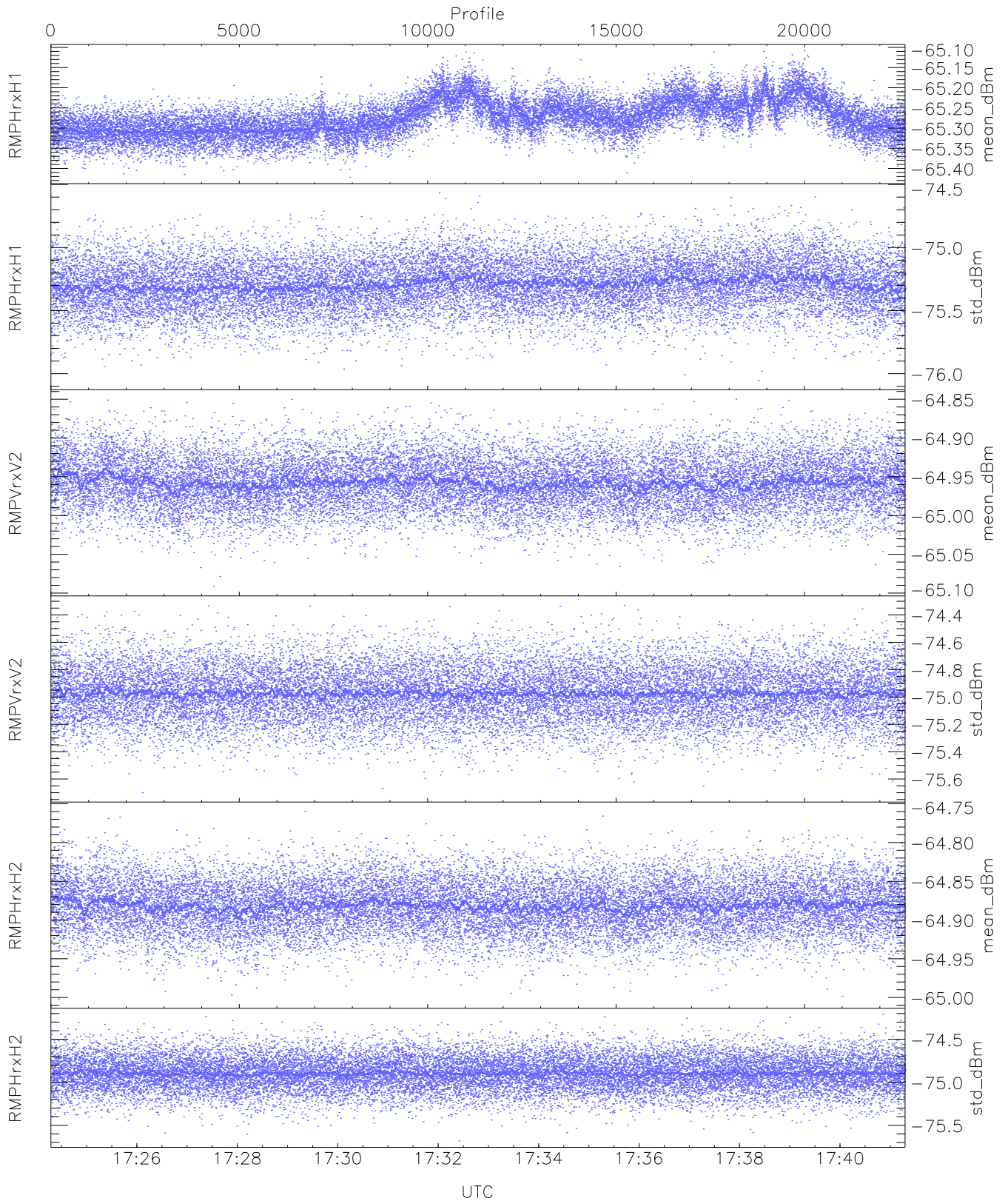
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,25,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,23,25,25,26
LOalarm(20,240,2817,14861 MHz): 0,0,48,0
EIK/Modulator Faults: None



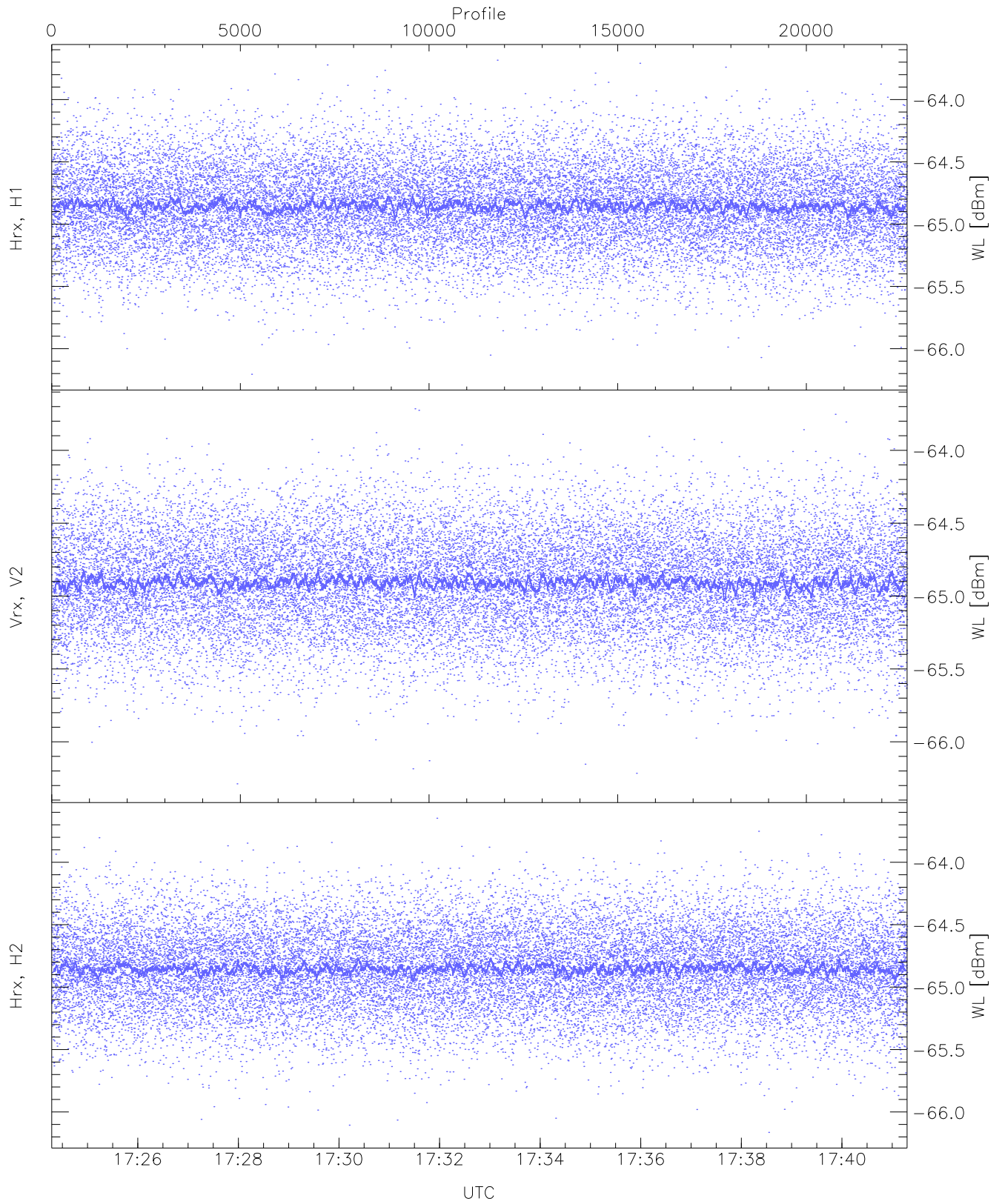
WCR3 CPP Receivers Gain and Noise Figure

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



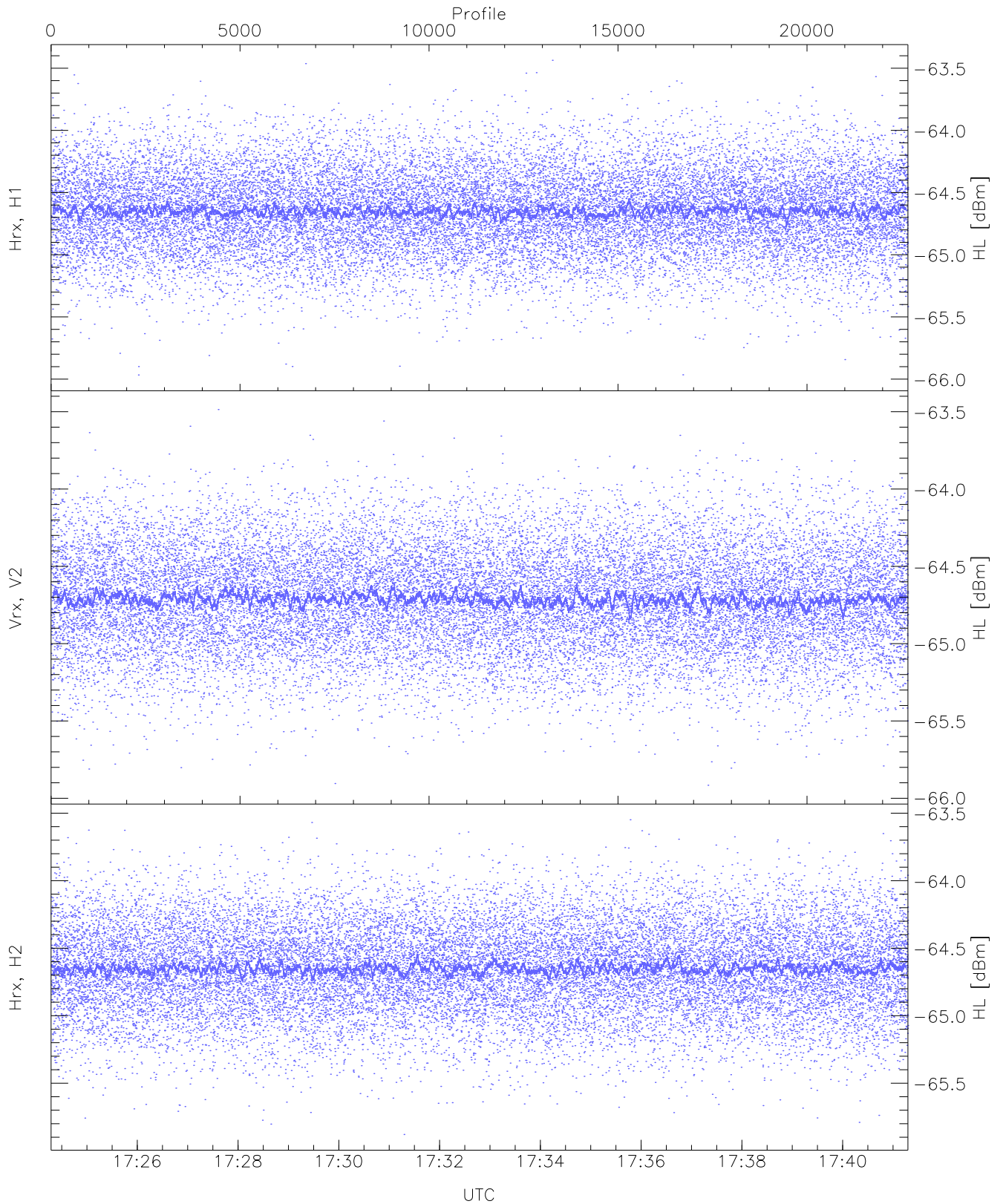
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.42	-65.11	-65.27	-65.28	-85.13
RMPHrxH1(std_dBm)	-76.05	-74.57	-75.29	-75.29	-88.97
RMPVrxV2(mean_dBm)	-65.09	-64.85	-64.96	-64.96	-86.45
RMPVrxV2(std_dBm)	-75.70	-74.33	-74.97	-74.98	-88.75
RMPHrxH2(mean_dBm)	-65.00	-64.76	-64.88	-64.88	-86.46
RMPHrxH2(std_dBm)	-75.68	-74.21	-74.90	-74.90	-88.66



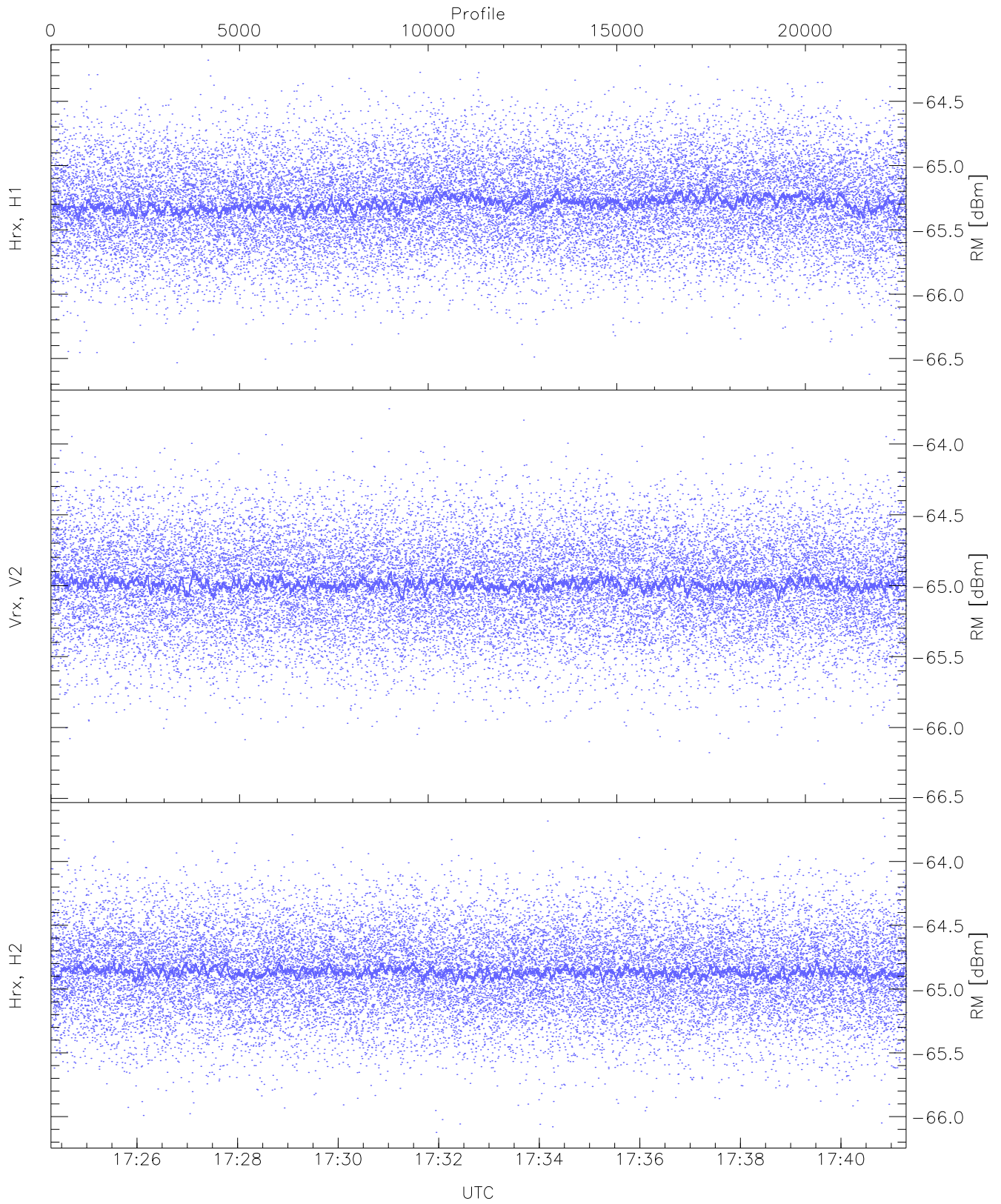
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.21	-63.68	-64.85	-64.86	-76.34
Vrx, V2 (WL [dBm])	-66.29	-63.71	-64.90	-64.91	-76.39
Hrx, H2 (WL [dBm])	-66.16	-63.65	-64.85	-64.85	-76.36



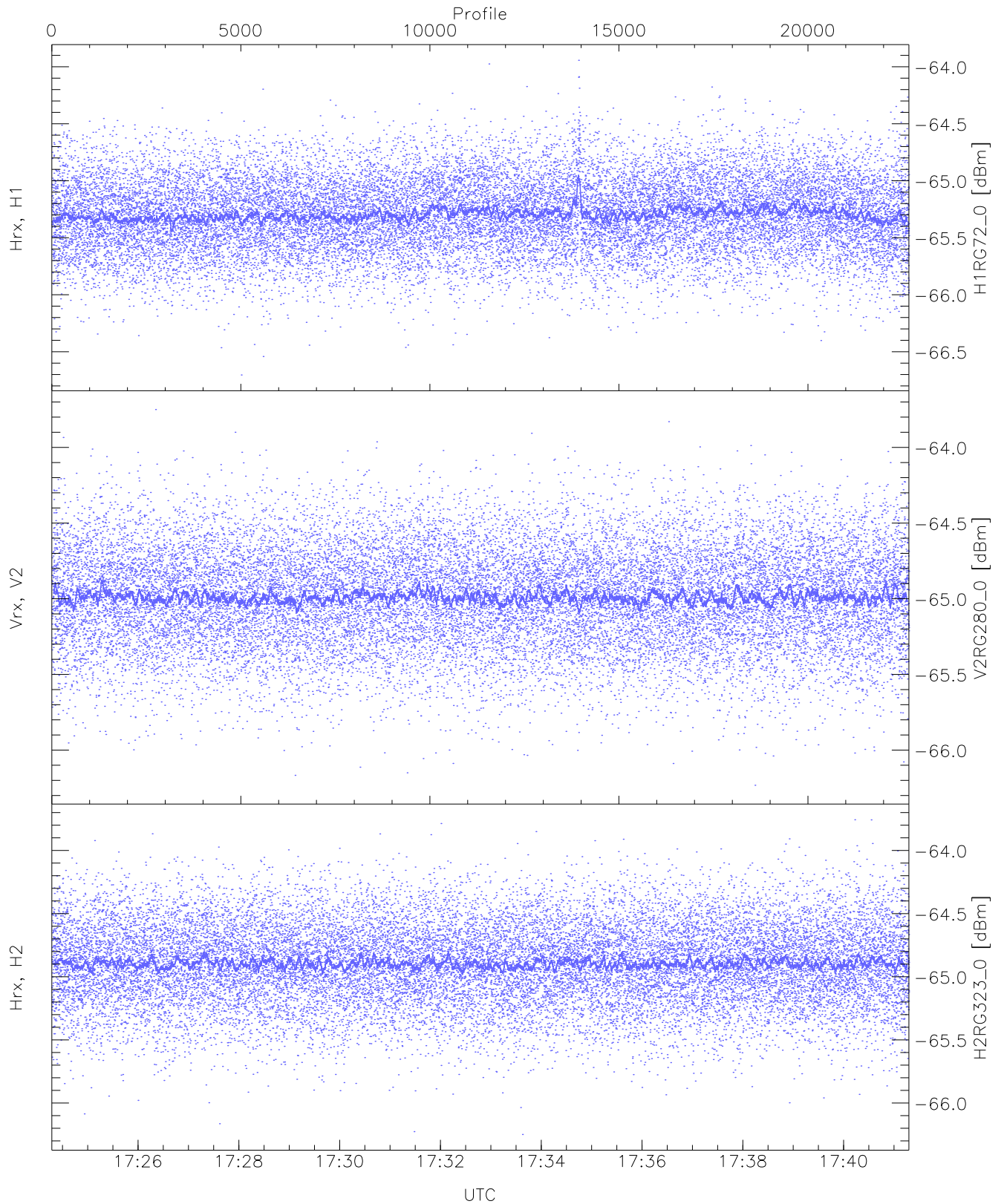
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.97	-63.44	-64.64	-64.65	-76.14
Vrx, V2 (HL [dBm])	-65.92	-63.49	-64.71	-64.71	-76.22
Hrx, H2 (HL [dBm])	-65.88	-63.55	-64.64	-64.65	-76.16



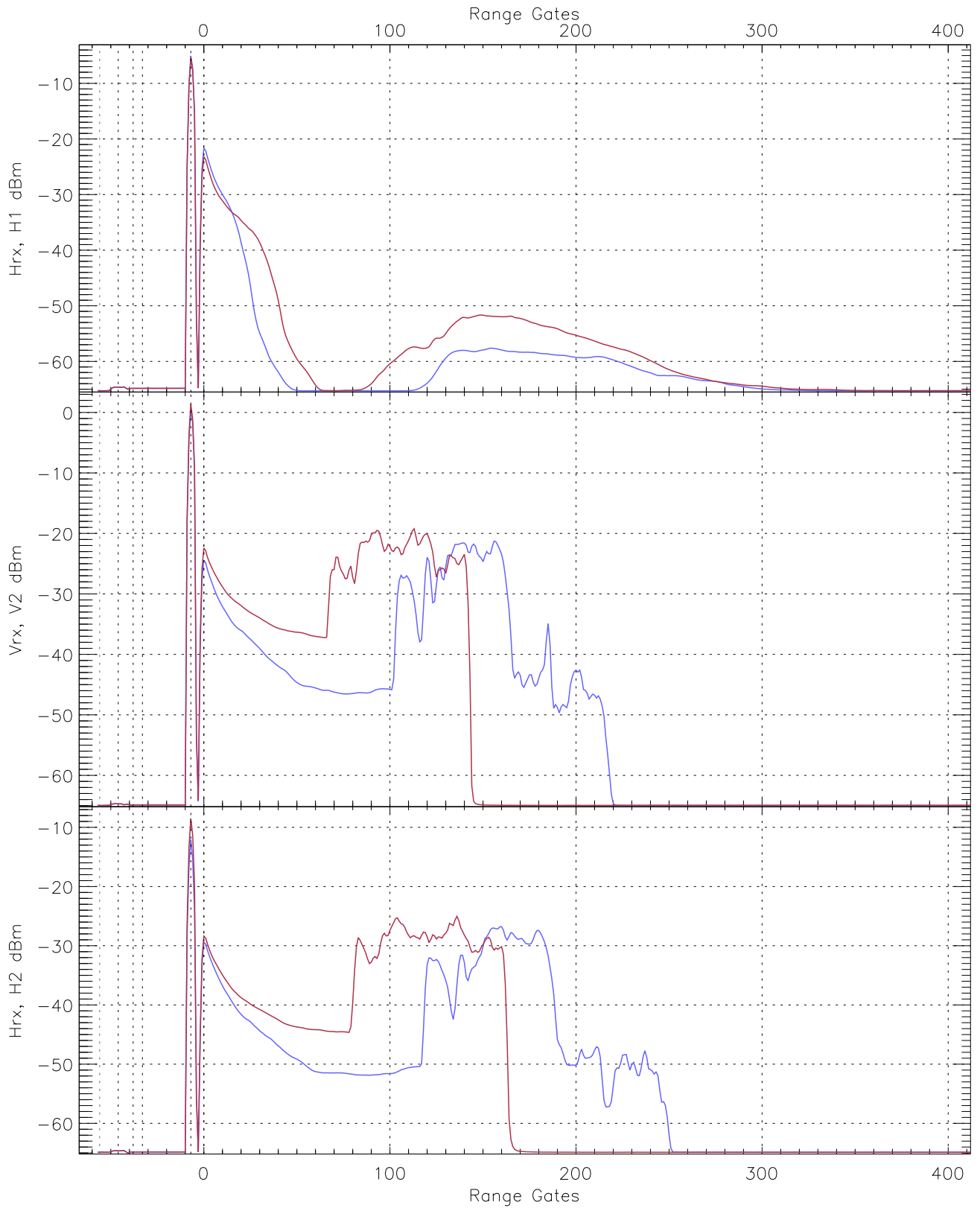
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.62	-64.18	-65.29	-65.30	-76.76
Vrx, V2 (RM [dBm])	-66.40	-63.75	-64.98	-64.99	-76.50
Hrx, H2 (RM [dBm])	-66.12	-63.66	-64.86	-64.87	-76.37

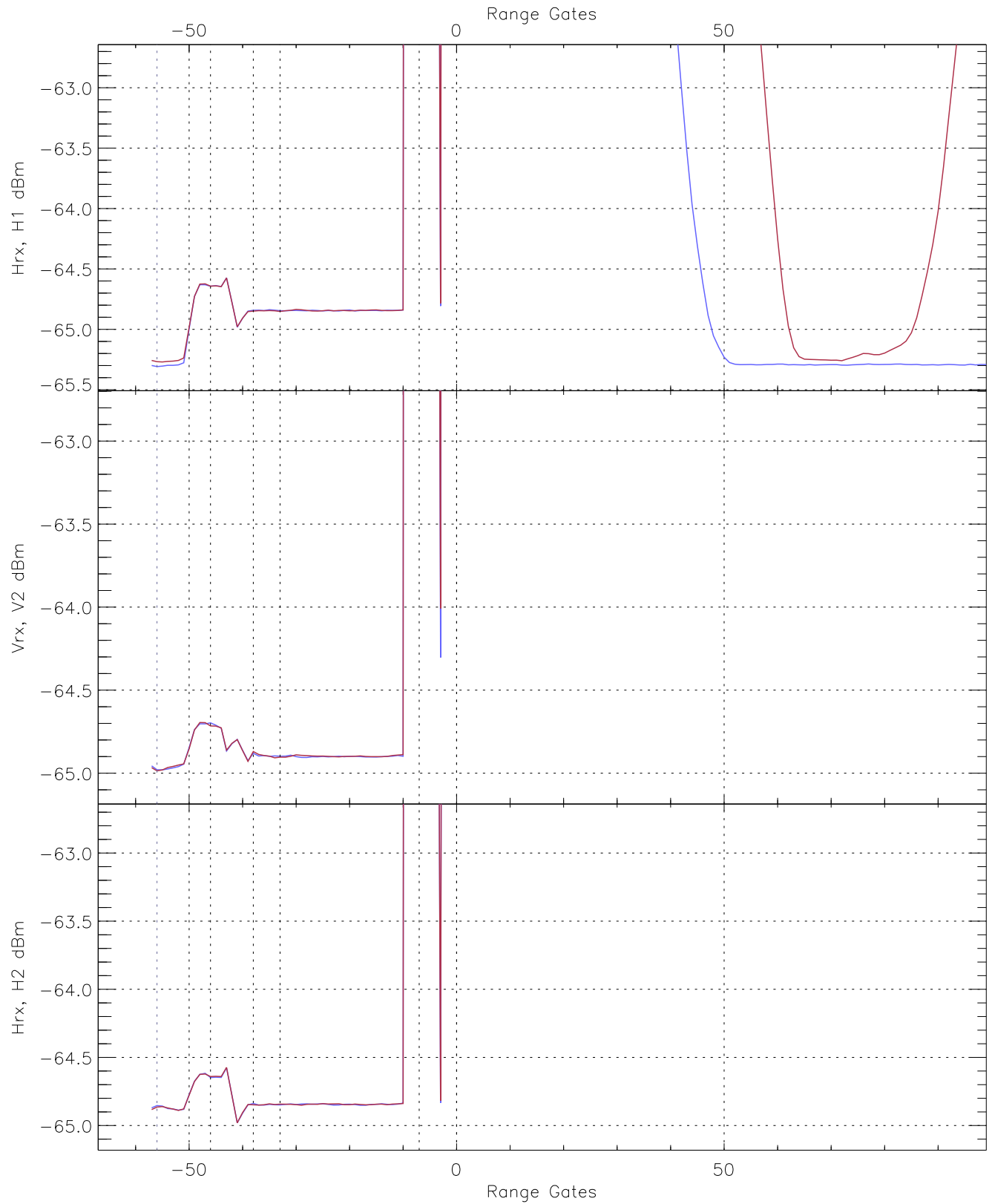


WCR3 CPP "Best" estimate Receivers Noise Power

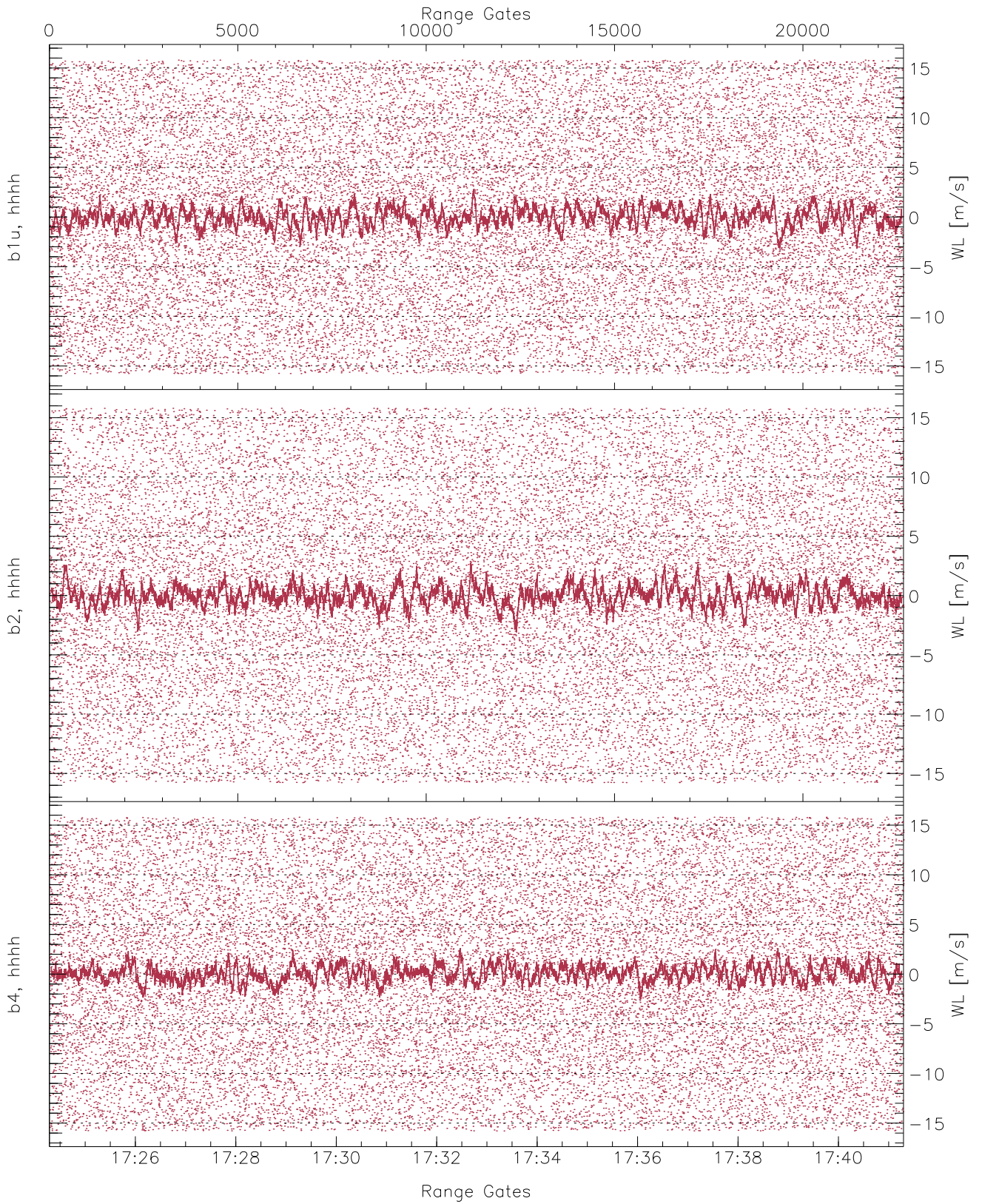
	Min	Max	Mean	Median	StDev
H1RG72_0 [dBm]	-66.70	-63.94	-65.29	-65.30	-76.75
V2RG280_0 [dBm]	-66.23	-63.75	-64.98	-64.99	-76.48
H2RG323_0 [dBm]	-66.25	-63.76	-64.89	-64.89	-76.42



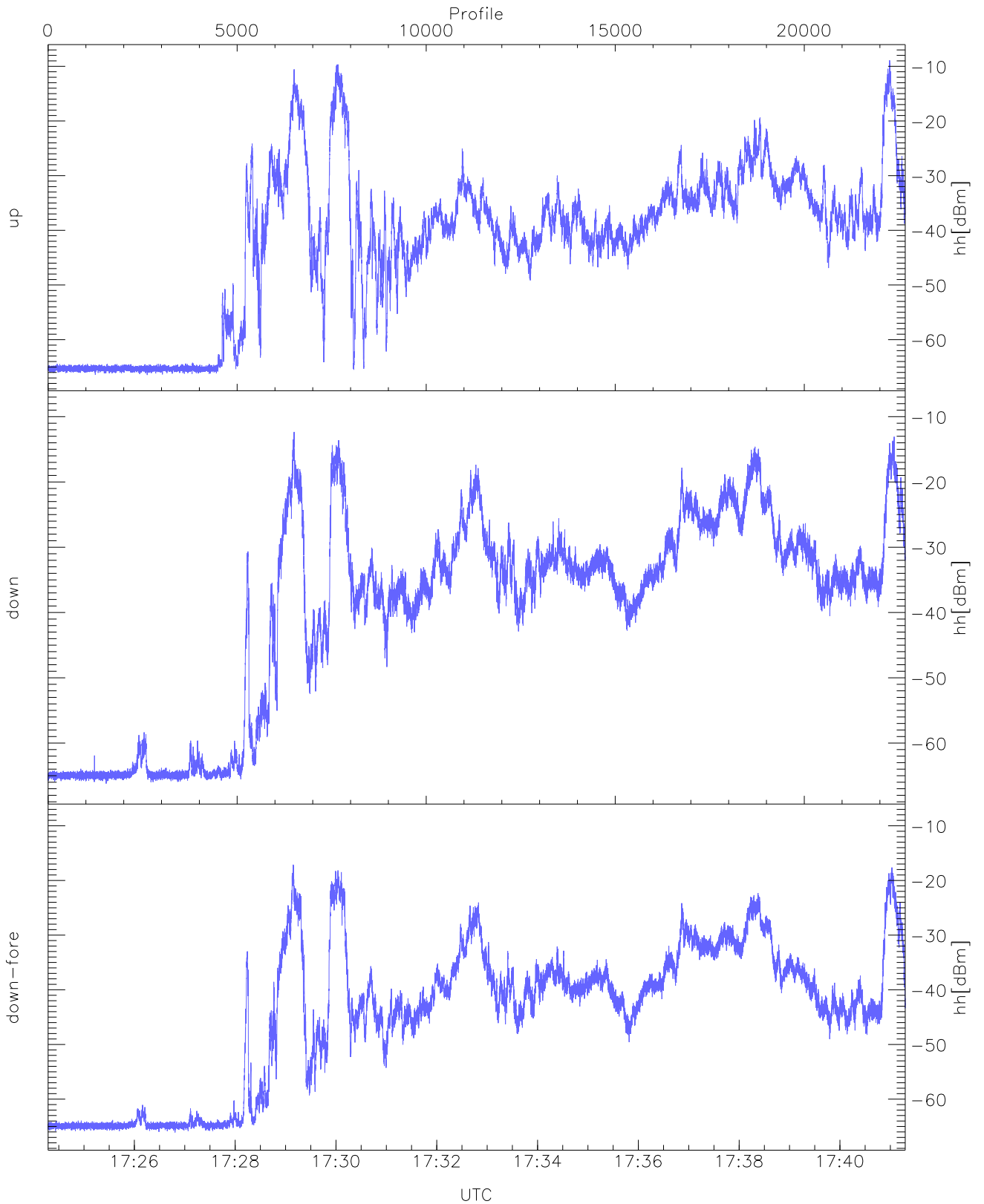
WCR3 CPP Averaged Received power for all recorded gates
blue: 172417-173248, 11337 profiles averaged
red: 173248-174118, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 172417-173248, 11337 profiles averaged
red: 173248-174118, 11336 profiles averaged

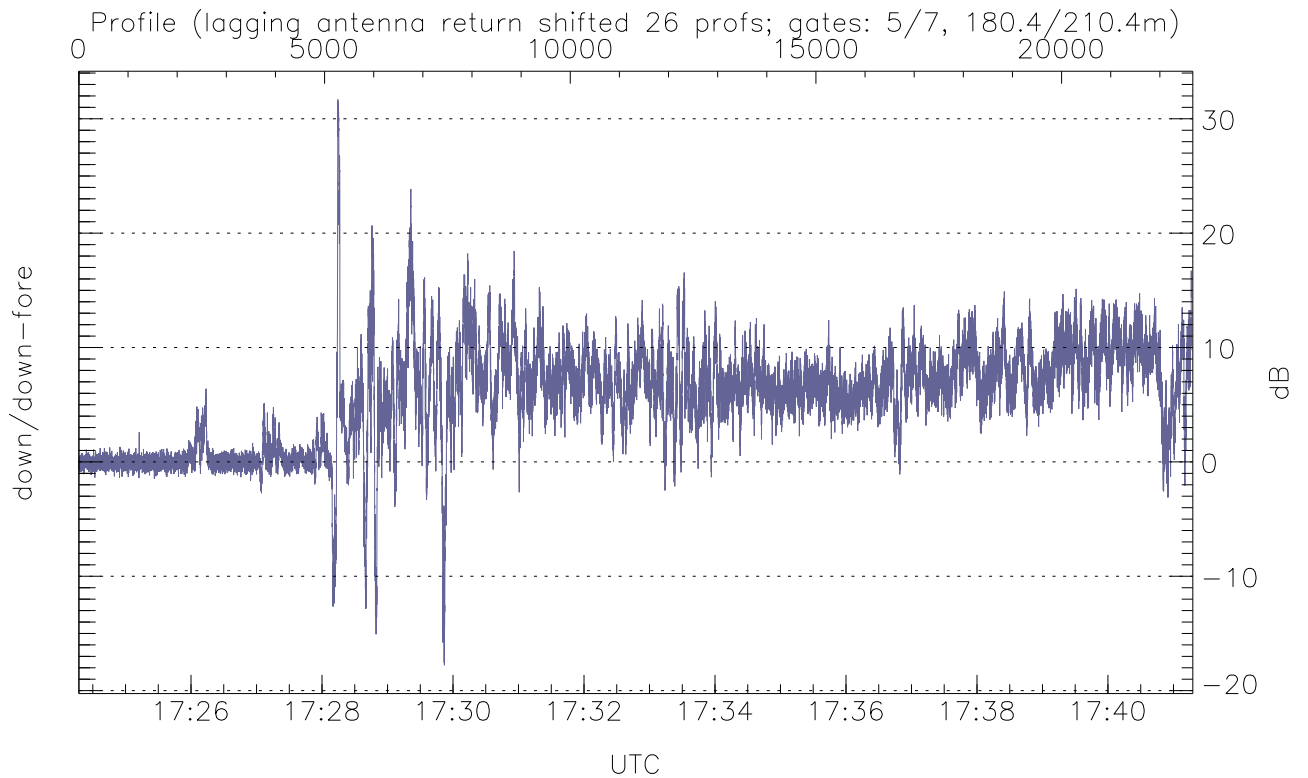
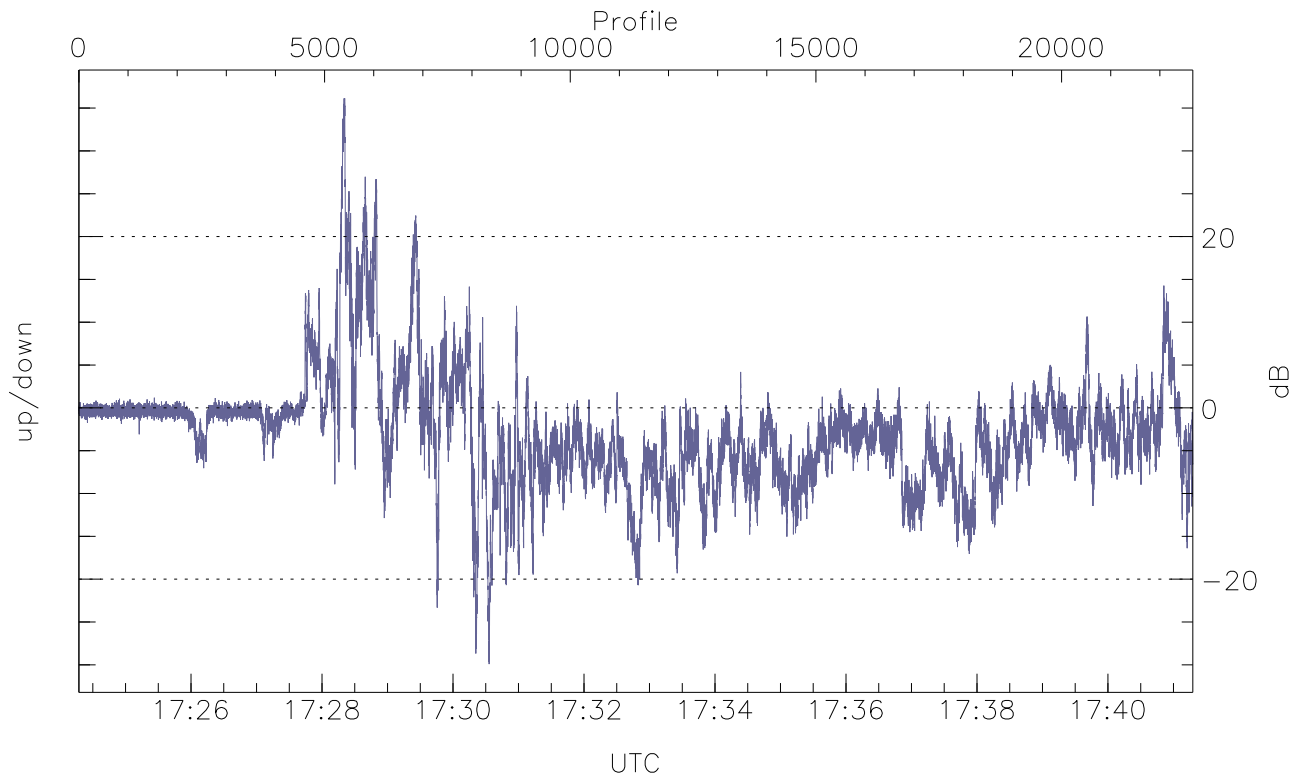


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



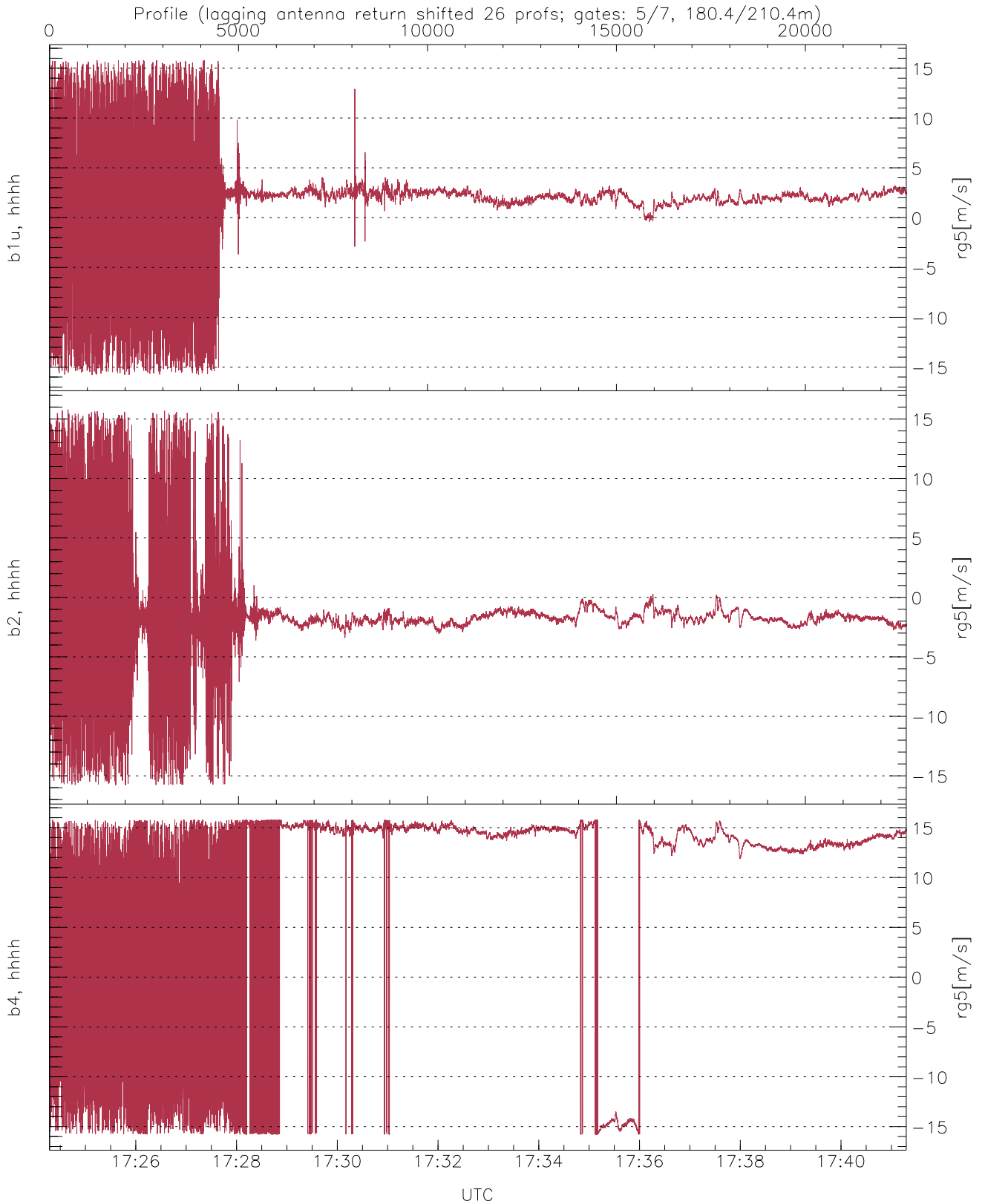
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.46	-8.90	-27.26
down(hh[dBm])	-66.22	-12.34	-27.24
down-fore(hh[dBm])	-66.09	-17.11	-32.72



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

	Min	Max	Mean
up/down (dB)	-29.91	36.14	-2.86
down/down-fore (dB)	-17.78	31.69	5.61



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.70	3.90
b2, hhhh(rg5[m/s])	-15.78	15.79	-1.46	3.43
b4, hhhh(rg5[m/s])	-15.79	15.79	9.38	9.82