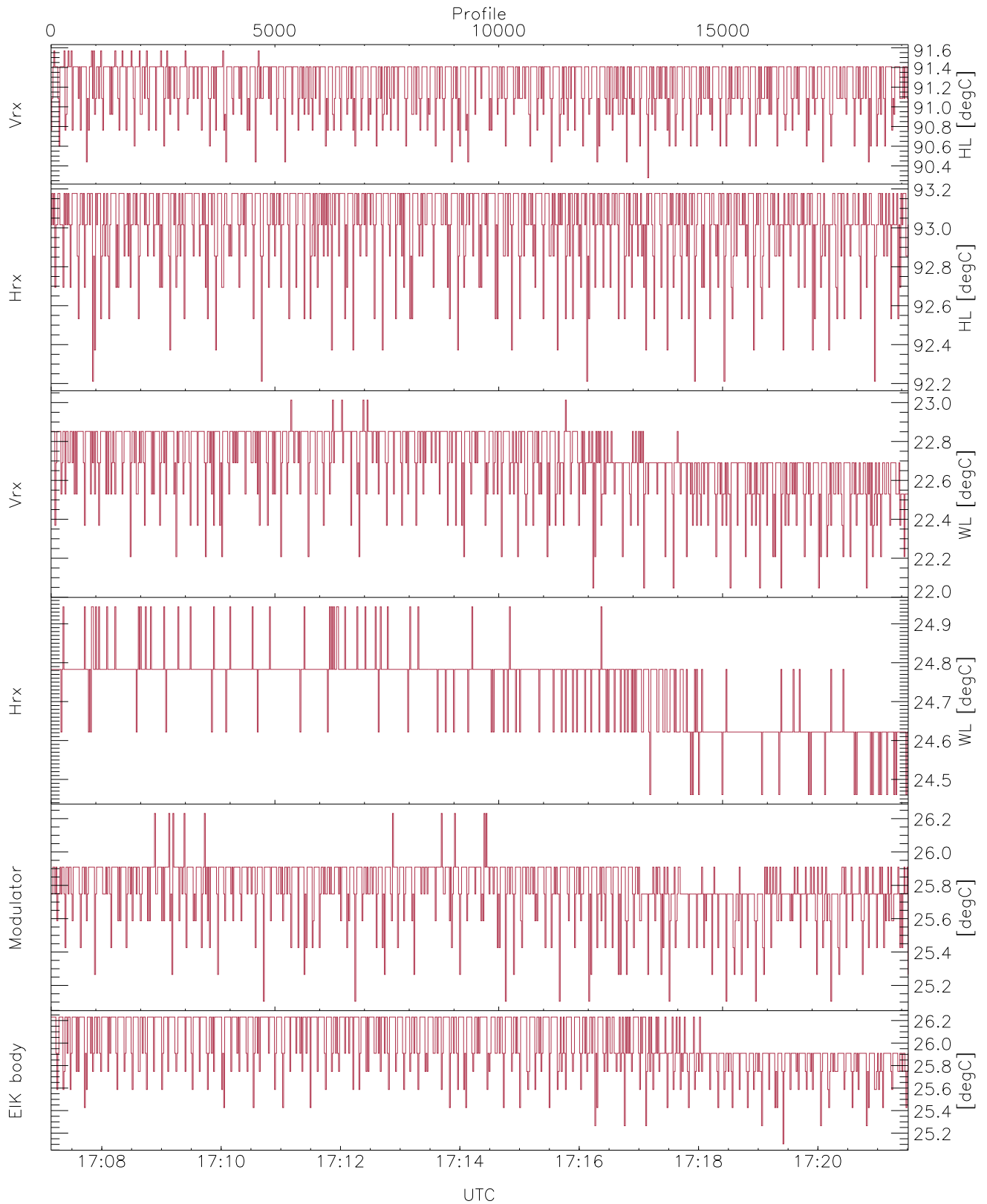


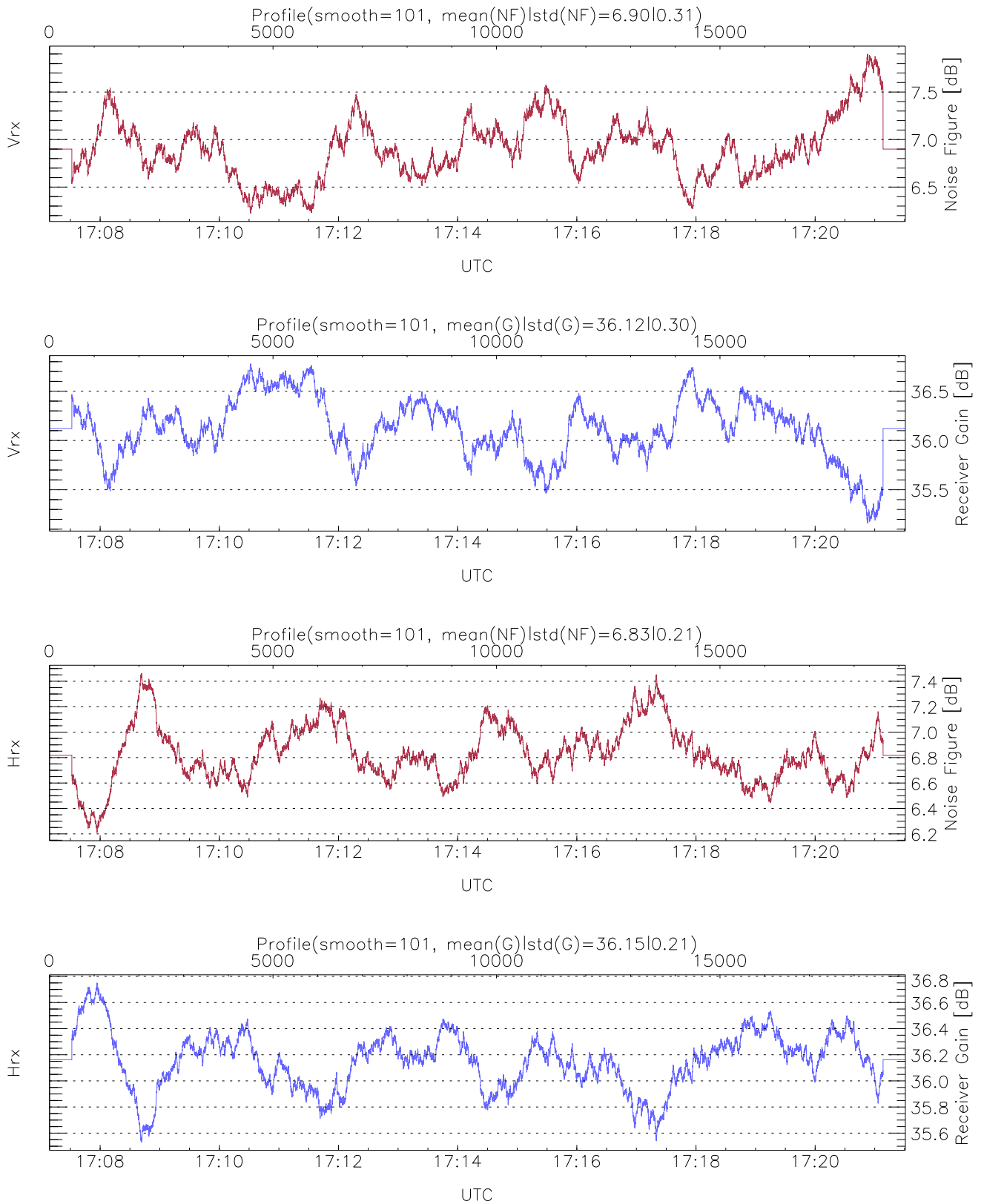
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:07:09-17:21:31, TimeCor: 0.00s, Dur: 861.83s
 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): 19148/19148, 0-19147/17:07:09-17:21:31
 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



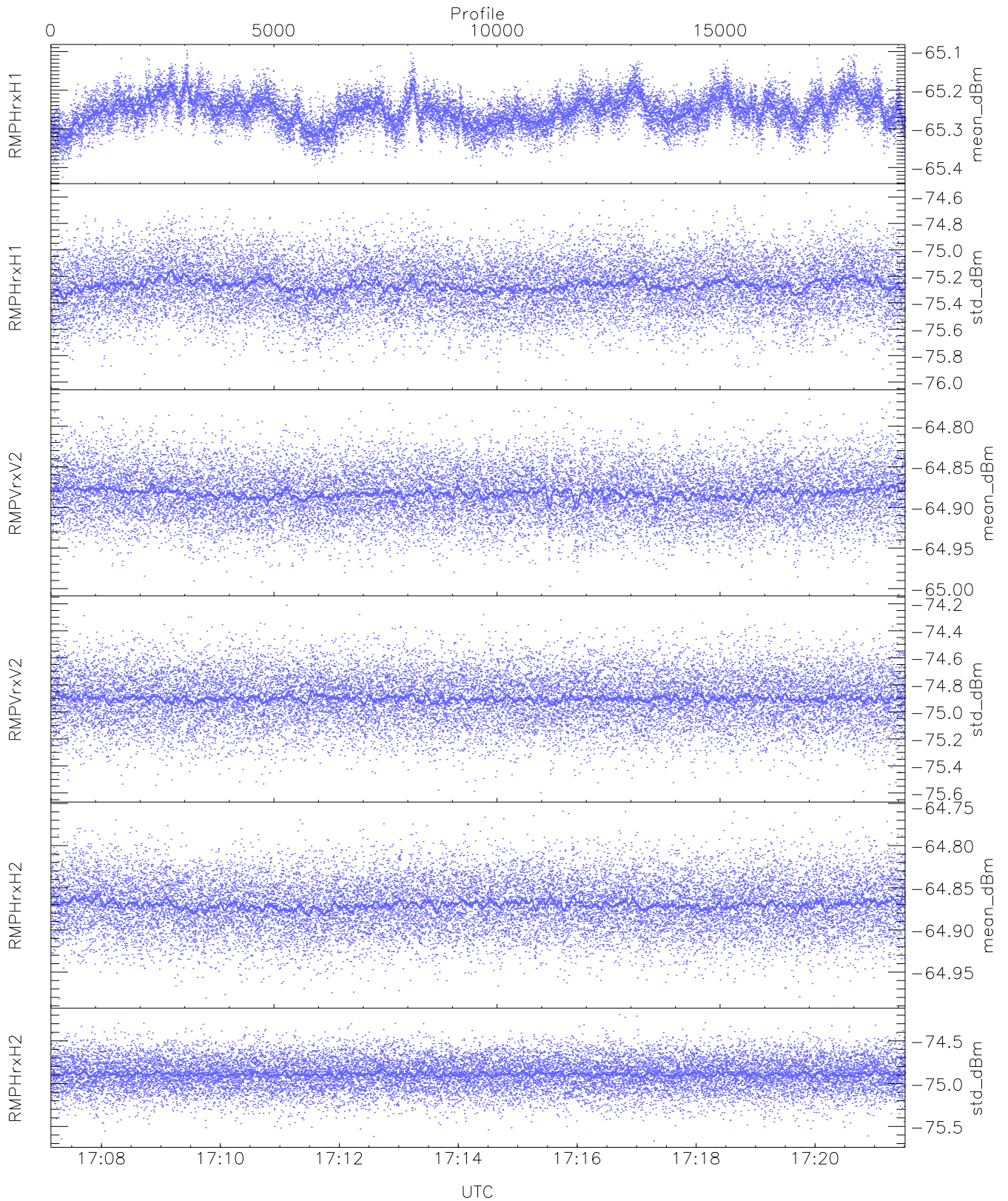
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,25,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,23,24,26,26
 LOalarm(20,240,2817,14861 MHz): 0,0,44,0
 EIK/Modulator Faults: None



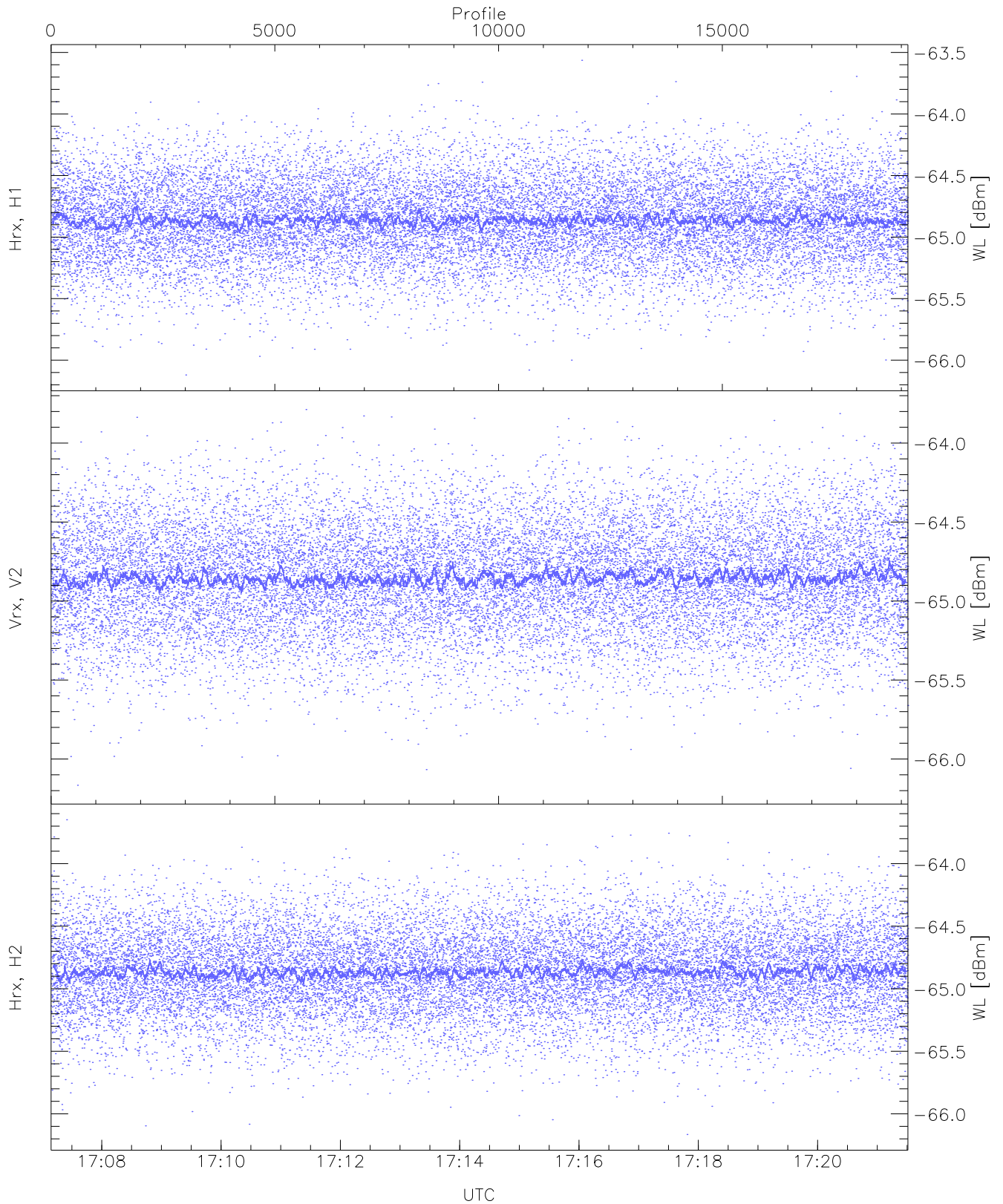
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 29 pixs, 3 gates, 29 profs, 1 prod(s)



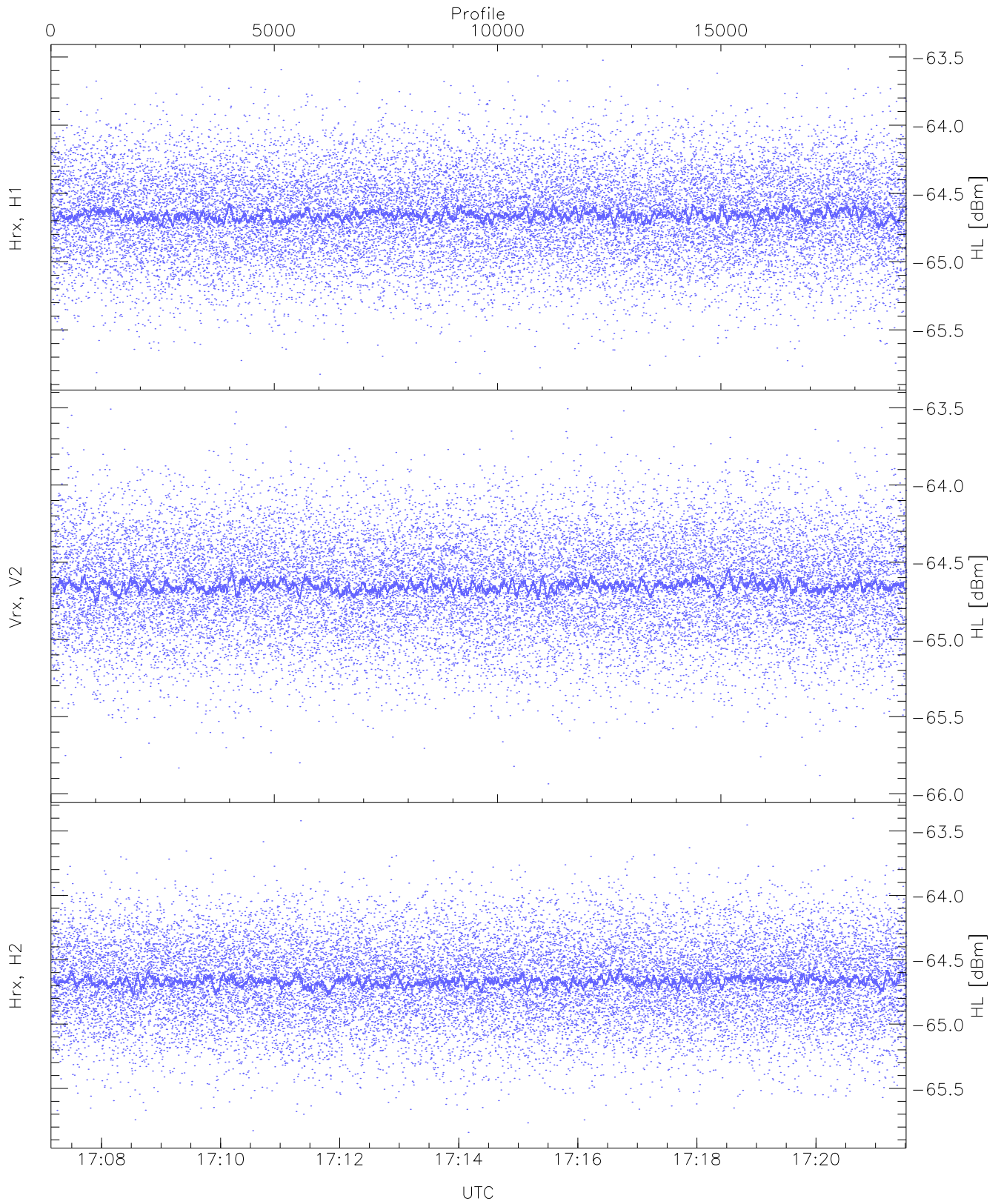
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.43	-65.10	-65.25	-65.25	-85.37
RMPHrxH1 (std_dBm)	-75.99	-74.57	-75.27	-75.27	-88.98
RMPVrxV2 (mean_dBm)	-65.00	-64.77	-64.88	-64.88	-86.43
RMPVrxV2 (std_dBm)	-75.60	-74.21	-74.90	-74.90	-88.67
RMPHrxH2 (mean_dBm)	-64.98	-64.76	-64.87	-64.87	-86.48
RMPHrxH2 (std_dBm)	-75.67	-74.19	-74.89	-74.89	-88.64



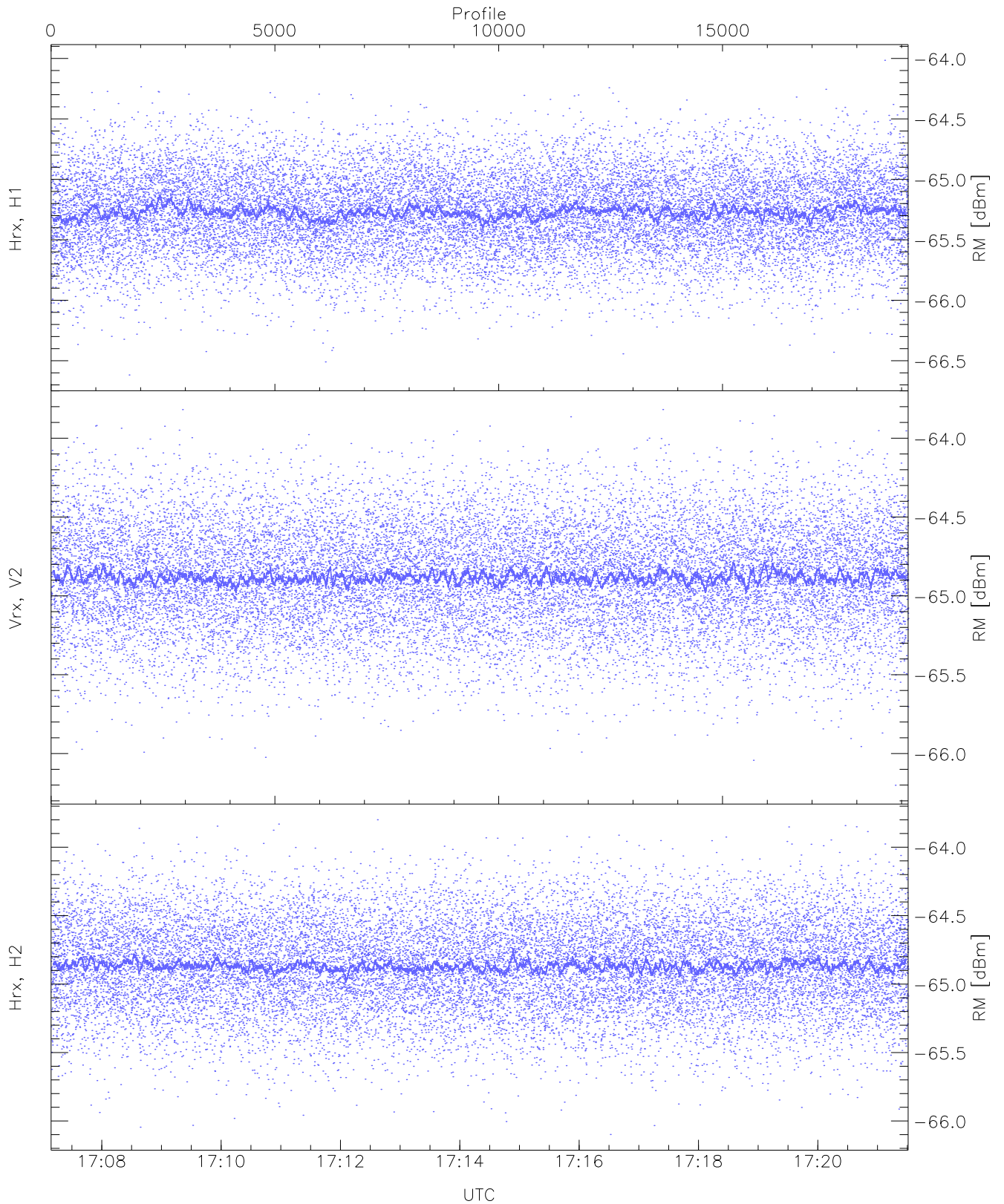
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.12	-63.56	-64.86	-64.86	-76.39
Vrx, V2 (WL [dBm])	-66.17	-63.79	-64.85	-64.85	-76.32
Hrx, H2 (WL [dBm])	-66.17	-63.65	-64.86	-64.87	-76.36



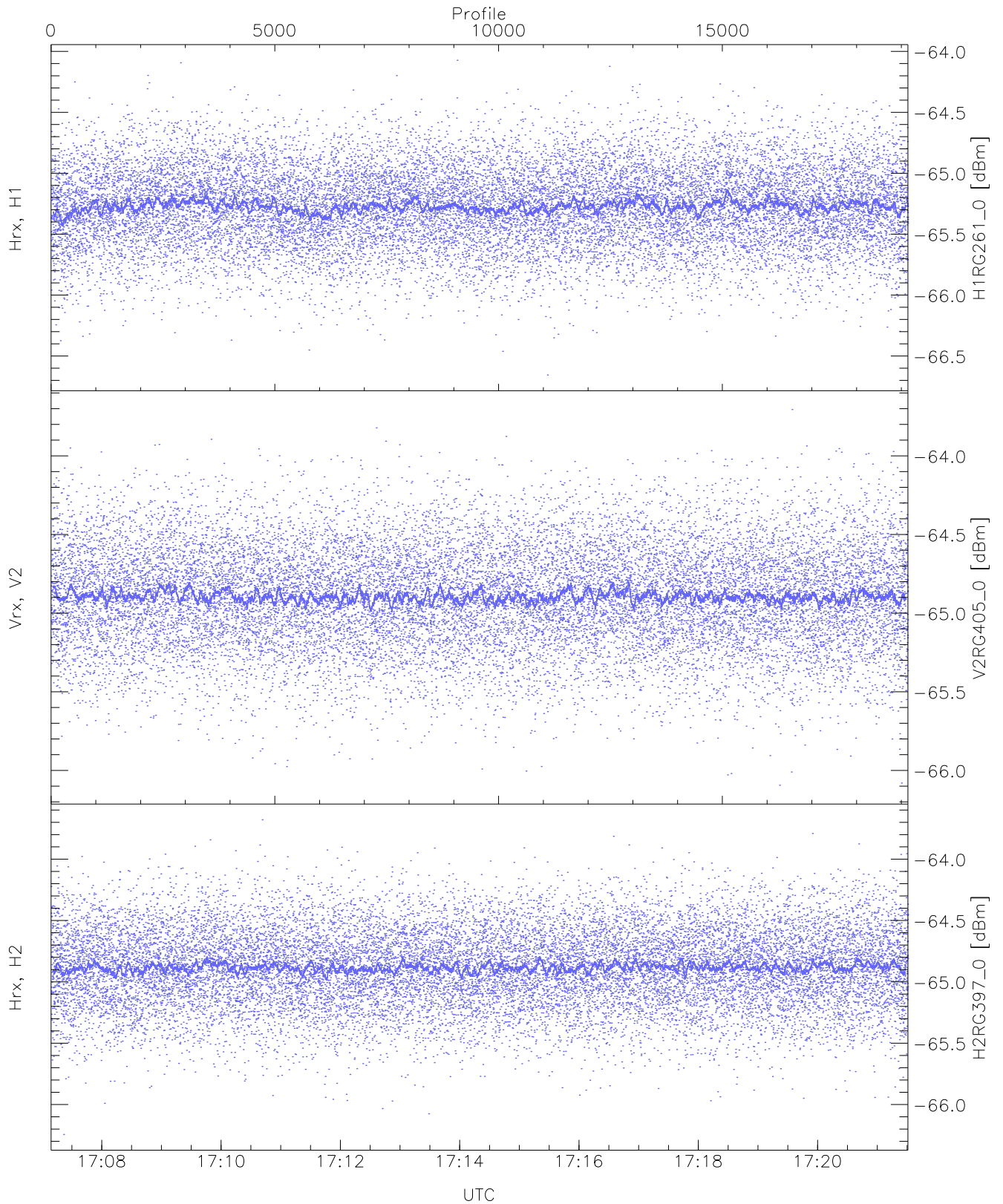
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.83	-63.52	-64.65	-64.66	-76.17
Vrx, V2 (HL [dBm])	-65.93	-63.51	-64.65	-64.65	-76.18
Hrx, H2 (HL [dBm])	-65.84	-63.40	-64.66	-64.67	-76.17



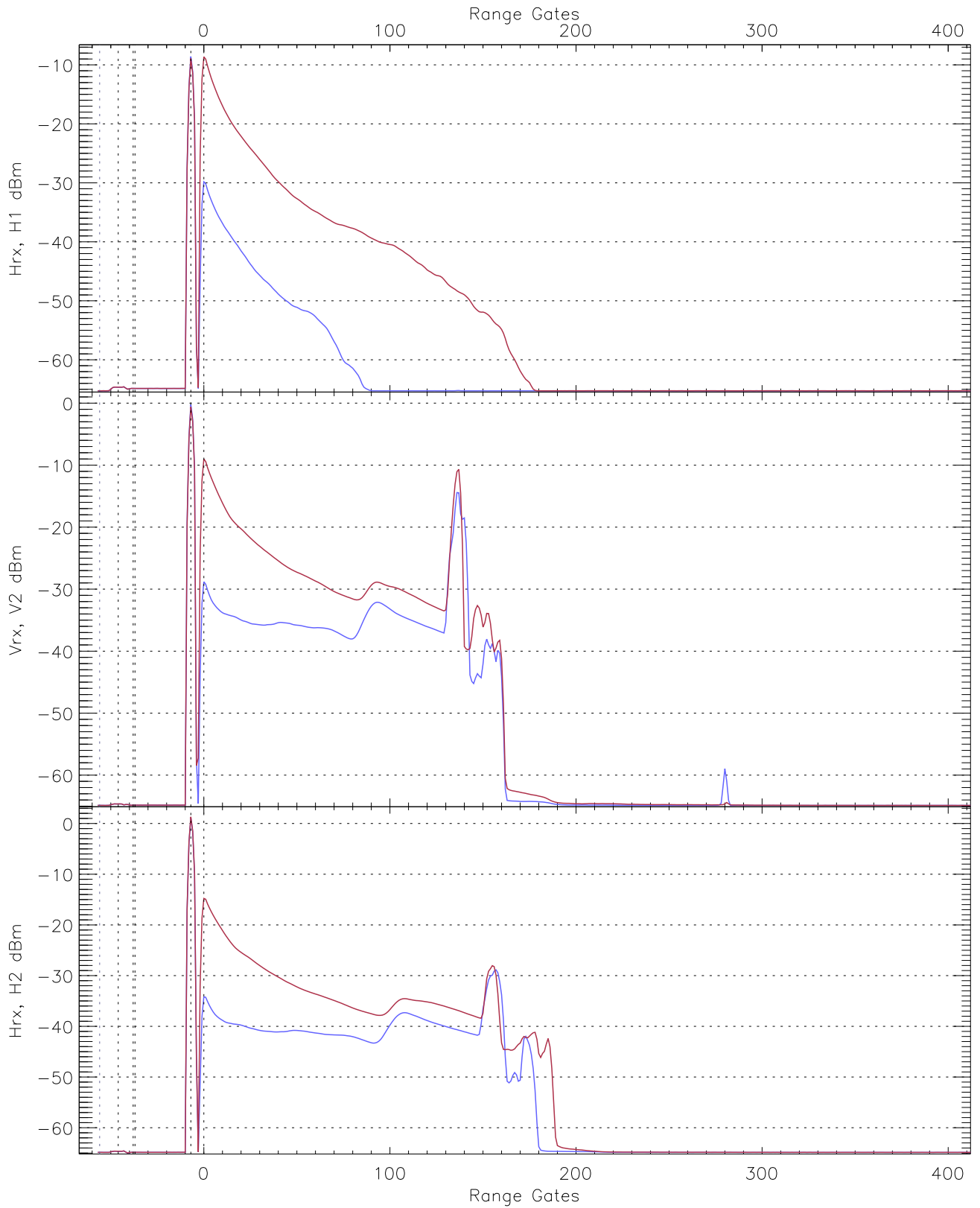
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.62	-64.02	-65.26	-65.27	-76.74
Vrx, V2 (RM [dBm])	-66.20	-63.82	-64.87	-64.88	-76.38
Hrx, H2 (RM [dBm])	-66.10	-63.80	-64.86	-64.87	-76.36

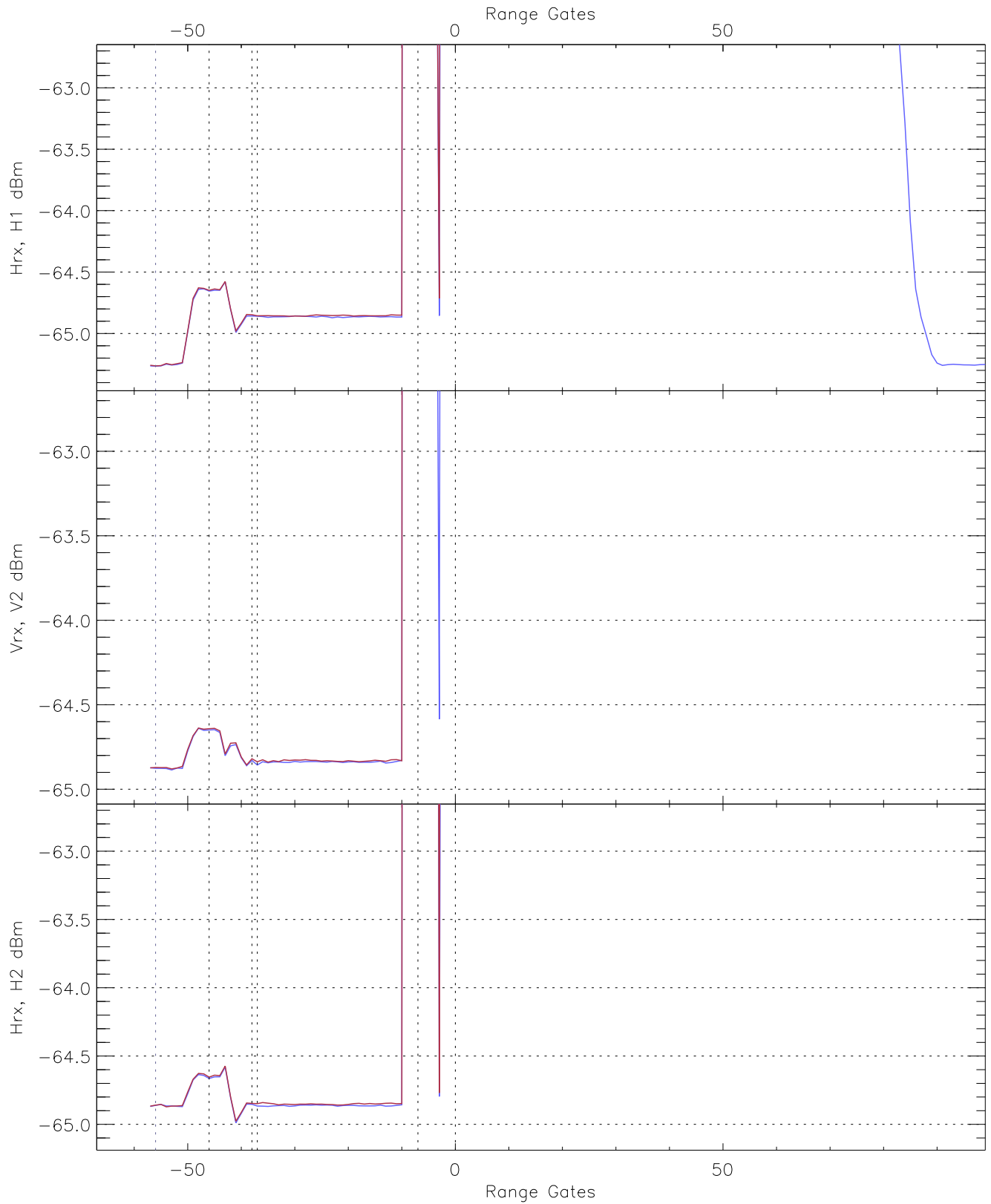


WCR3 CPP "Best" estimate Receivers Noise Power

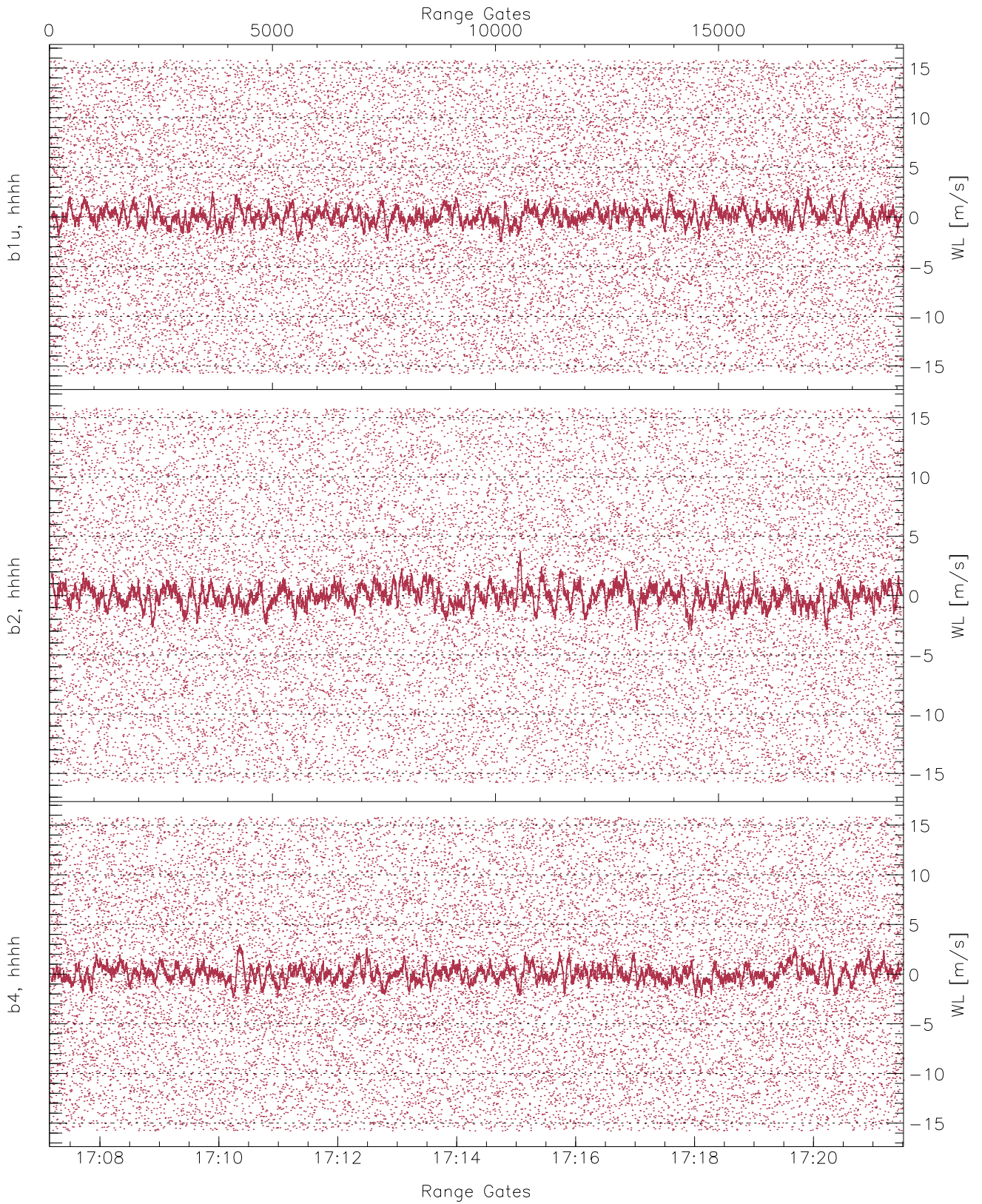
	Min	Max	Mean	Median	StDev
H1RG261_0 [dBm]	-66.66	-64.07	-65.26	-65.27	-76.71
V2RG405_0 [dBm]	-66.09	-63.71	-64.89	-64.89	-76.39
H2RG397_0 [dBm]	-66.24	-63.68	-64.88	-64.88	-76.39



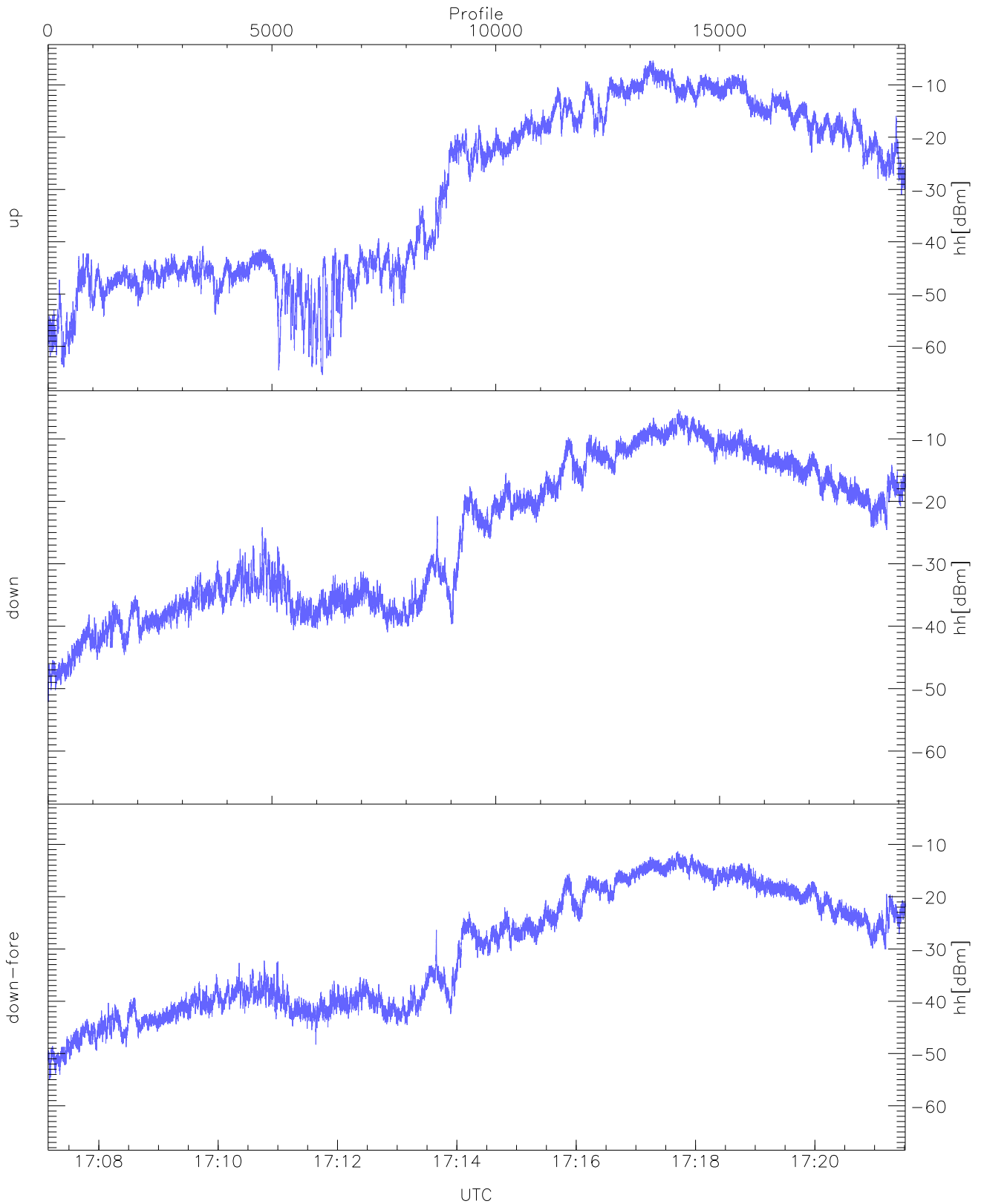
WCR3 CPP Averaged Received power for all recorded gates
blue: 170709-171420, 9575 profiles averaged
red: 171420-172131, 9574 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 170709-171420, 9575 profiles averaged
red: 171420-172131, 9574 profiles averaged

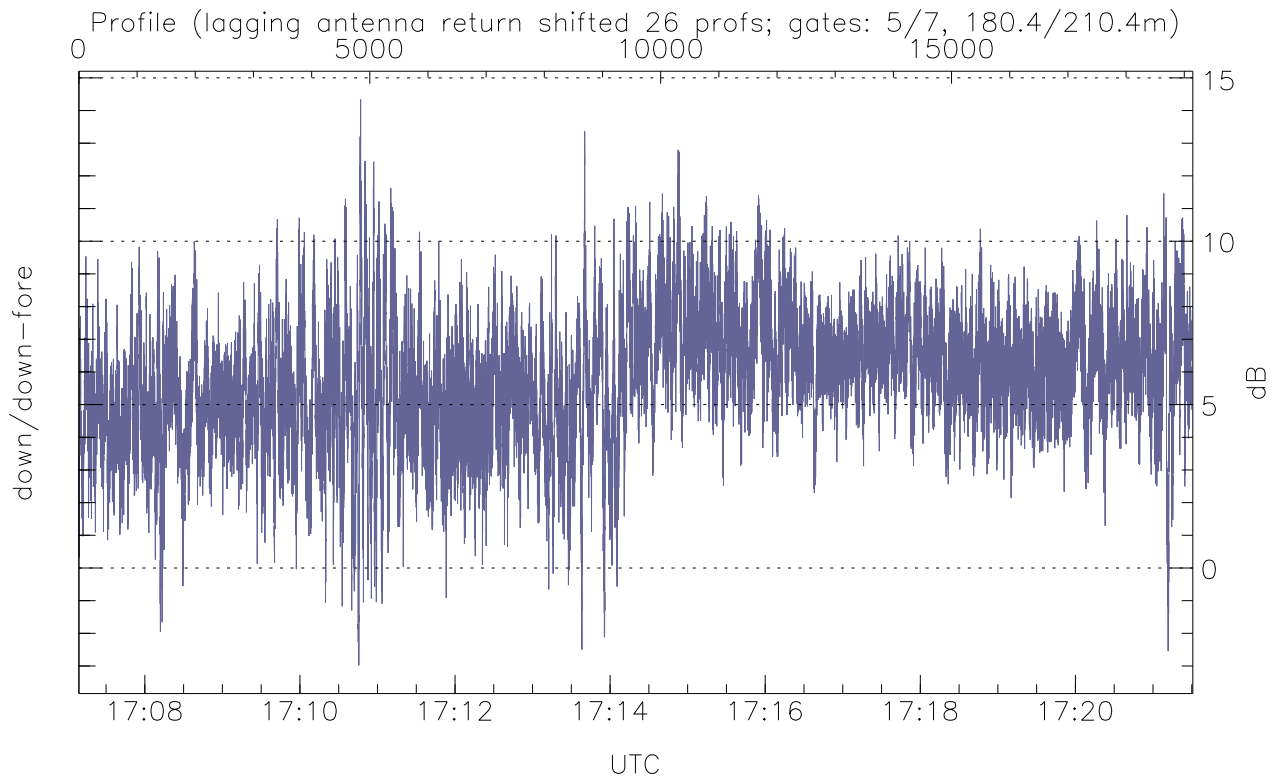
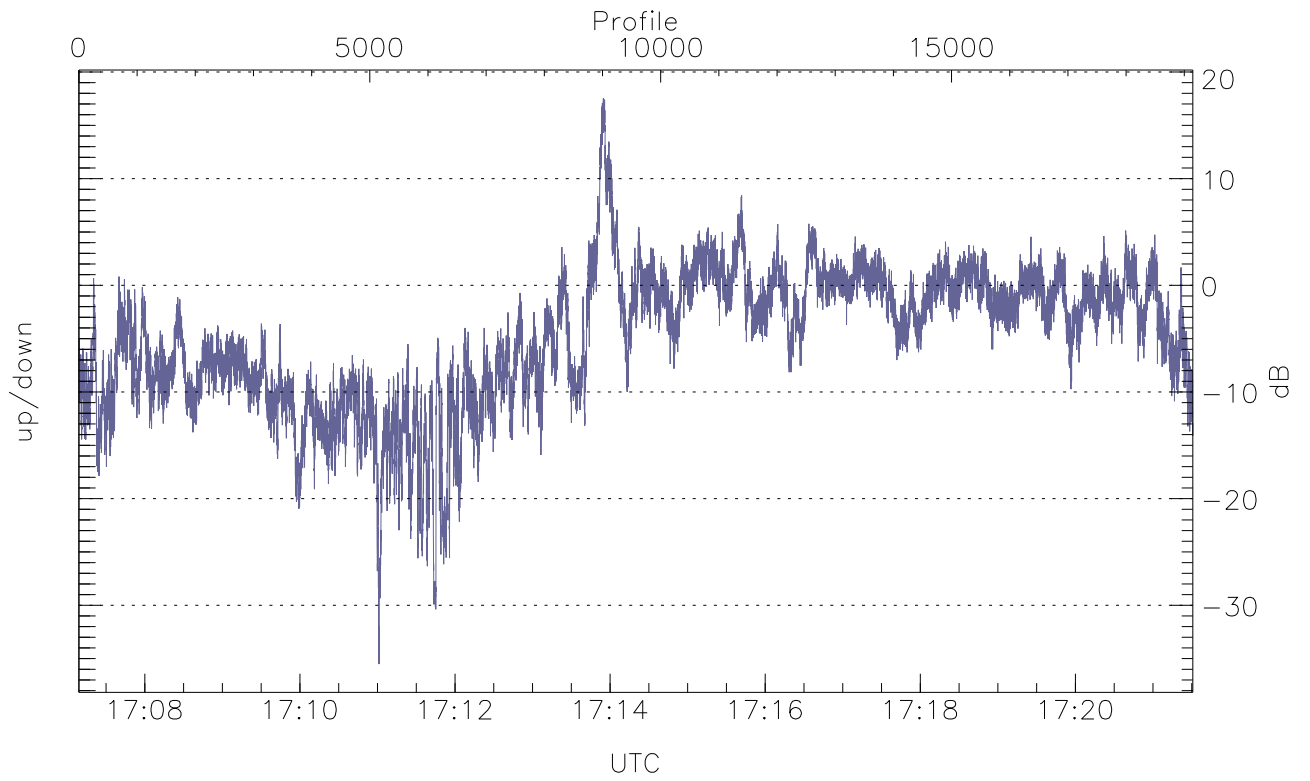


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



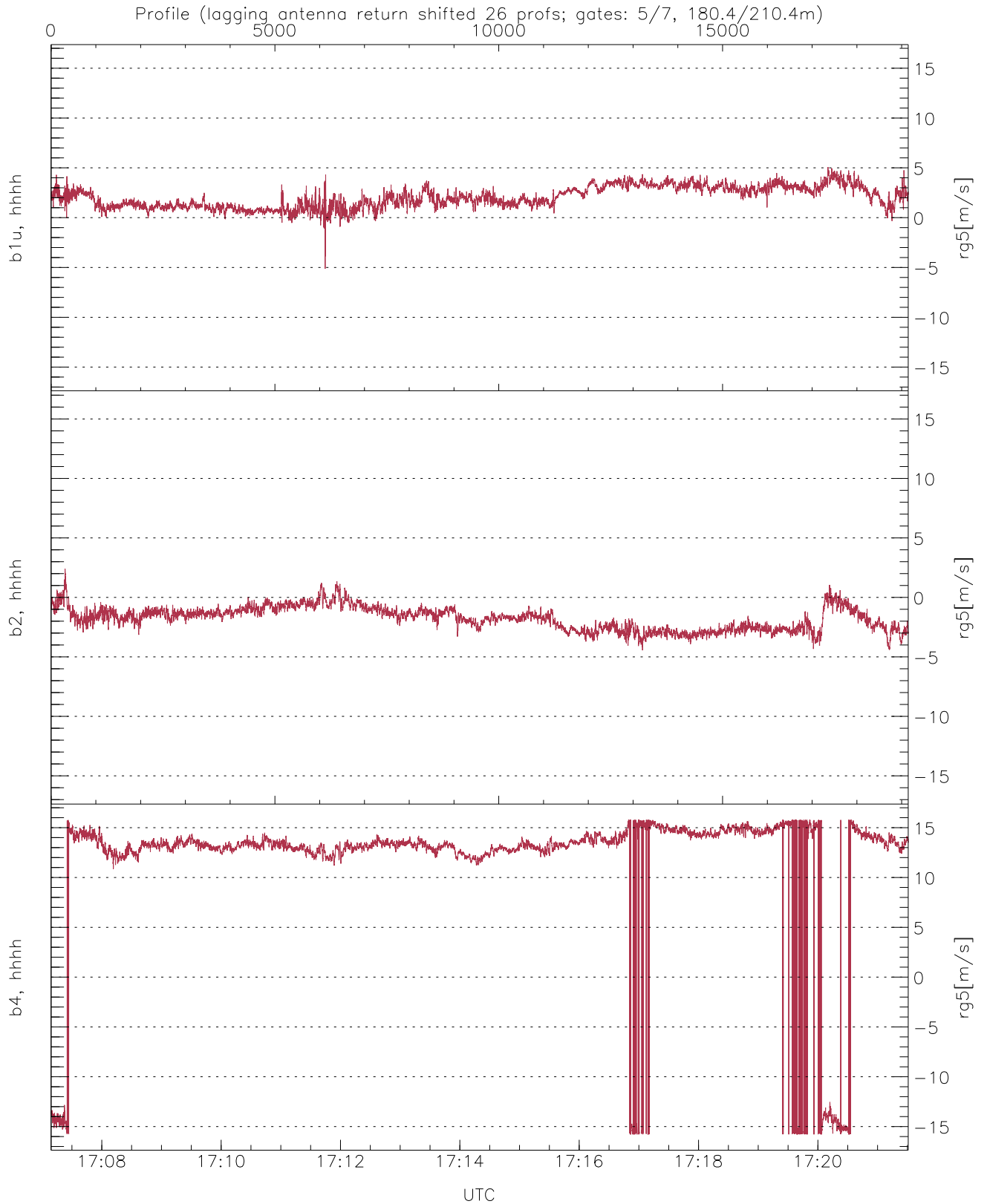
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-65.48	-5.35	-16.12
down(hh[dBm])	-52.12	-5.30	-15.72
down-fore(hh[dBm])	-55.04	-11.32	-21.03



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

	Min	Max	Mean
up/down (dB)	-35.51	17.53	-4.92
down/down-fore (dB)	-2.98	14.34	5.81



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-5.13	5.08	2.05	1.06
b2, hhhh(rg5[m/s])	-4.45	2.39	-1.77	0.97
b4, hhhh(rg5[m/s])	-15.79	15.79	11.55	7.41