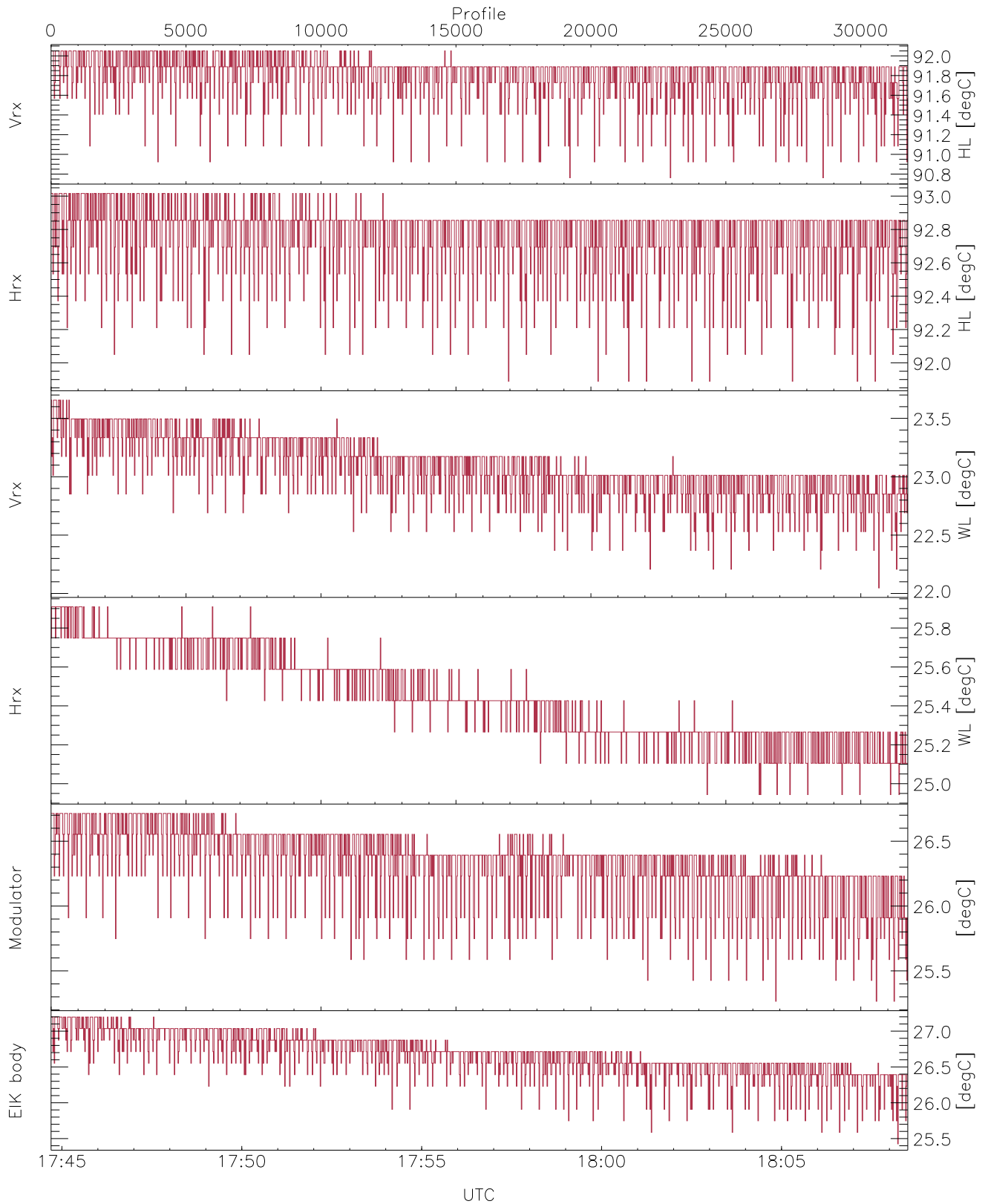


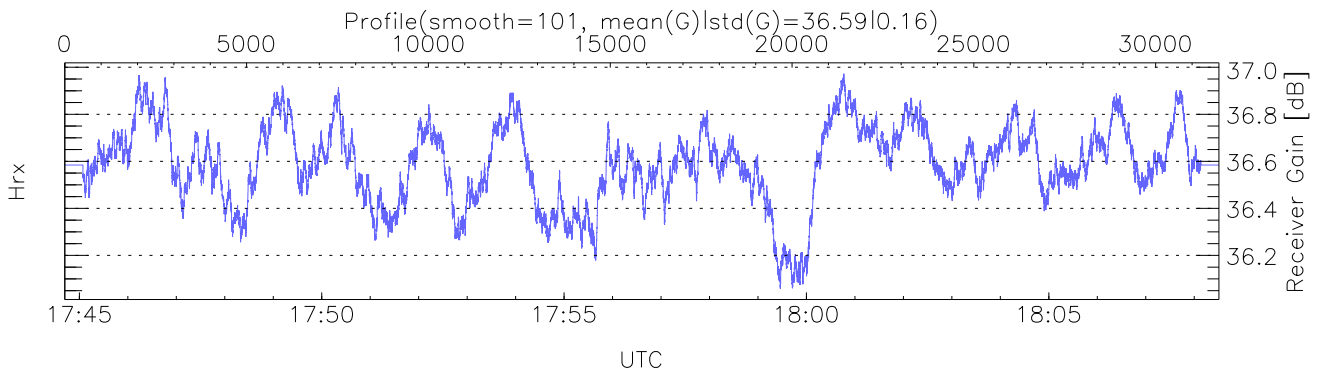
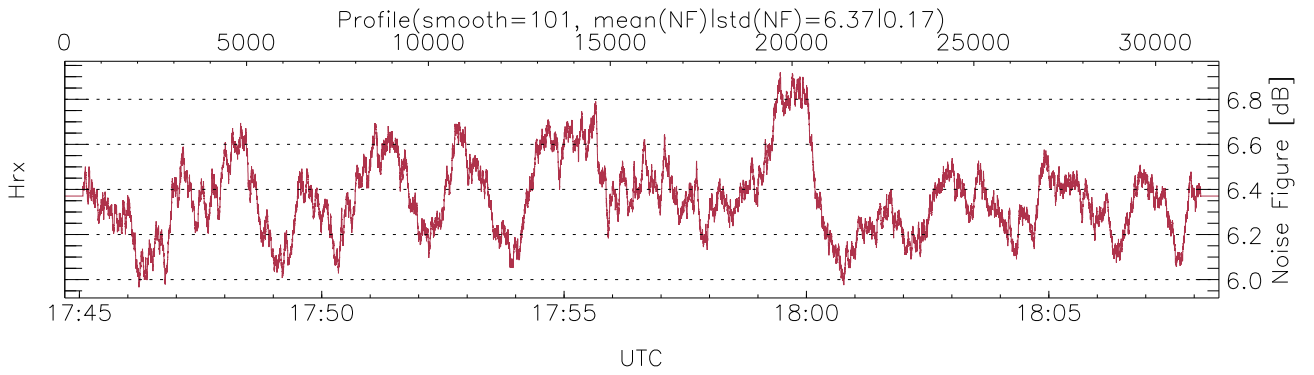
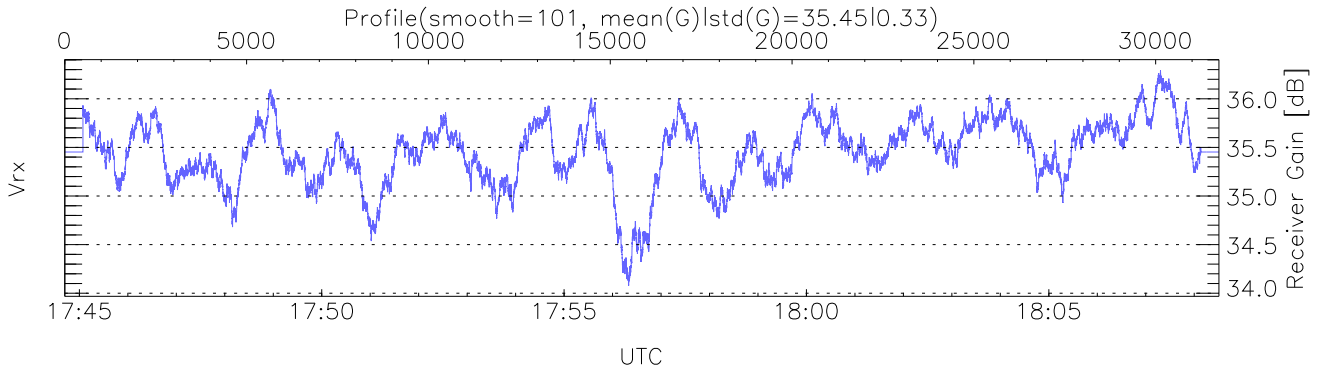
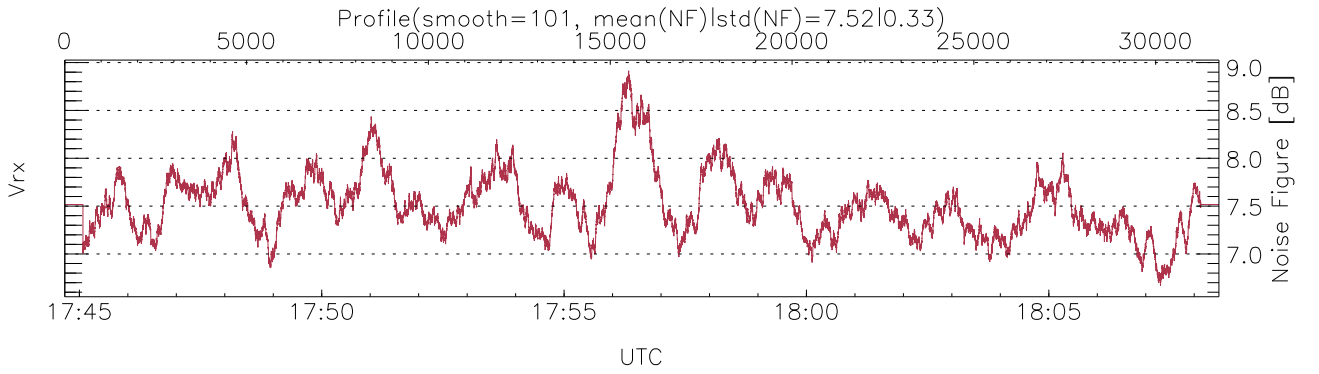
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:44:42-18:08:31, TimeCor: 0.00s, Dur: 1428.66s
 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): 31741/31741, 0-31740/17:44:42-18:08:31
 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



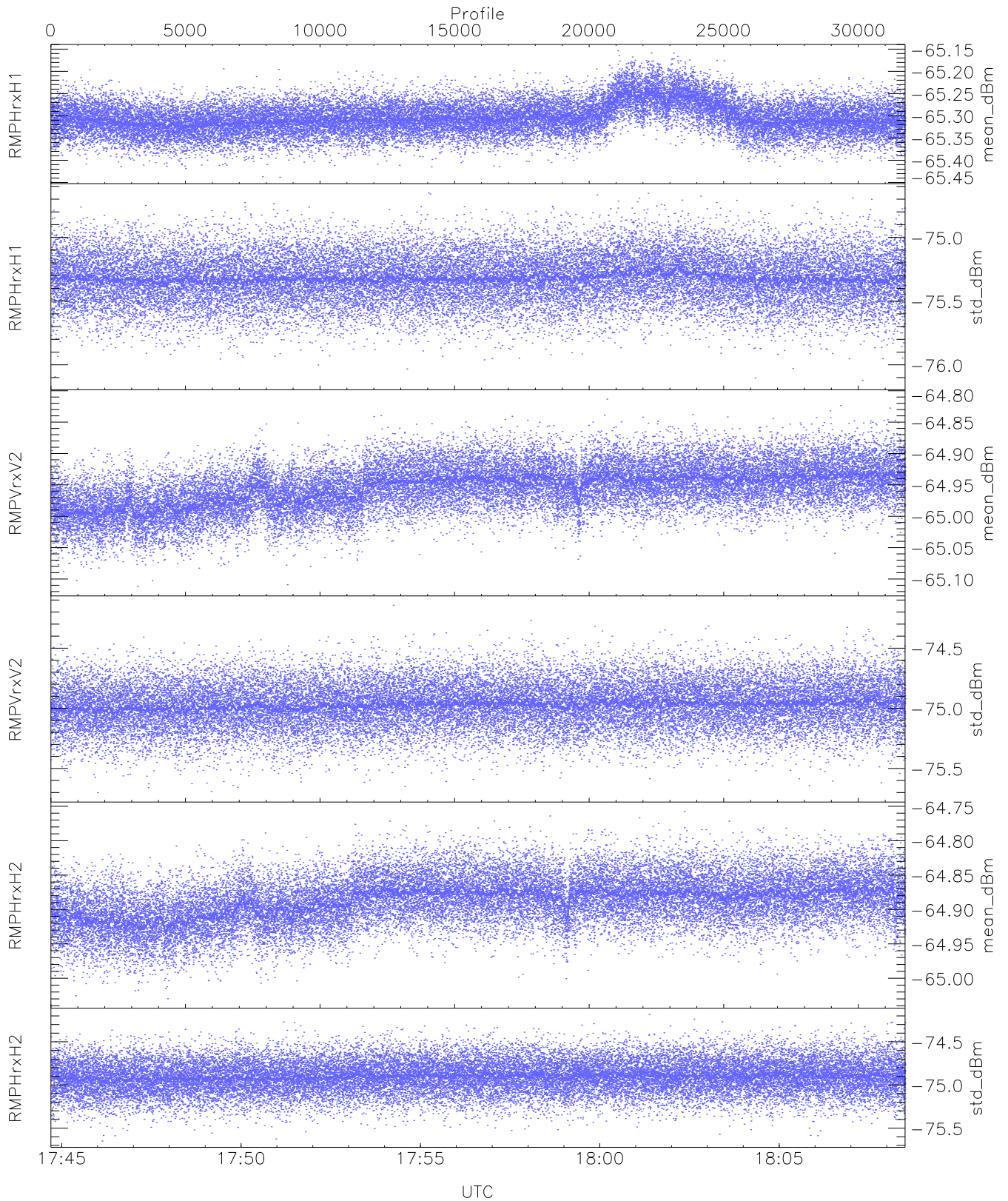
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,22,24,25,25`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,23,25,26,27`
`LOalarm(20,240,2817,14861 MHz): 0,0,22,0`
`EIK/Modulator Faults: None`



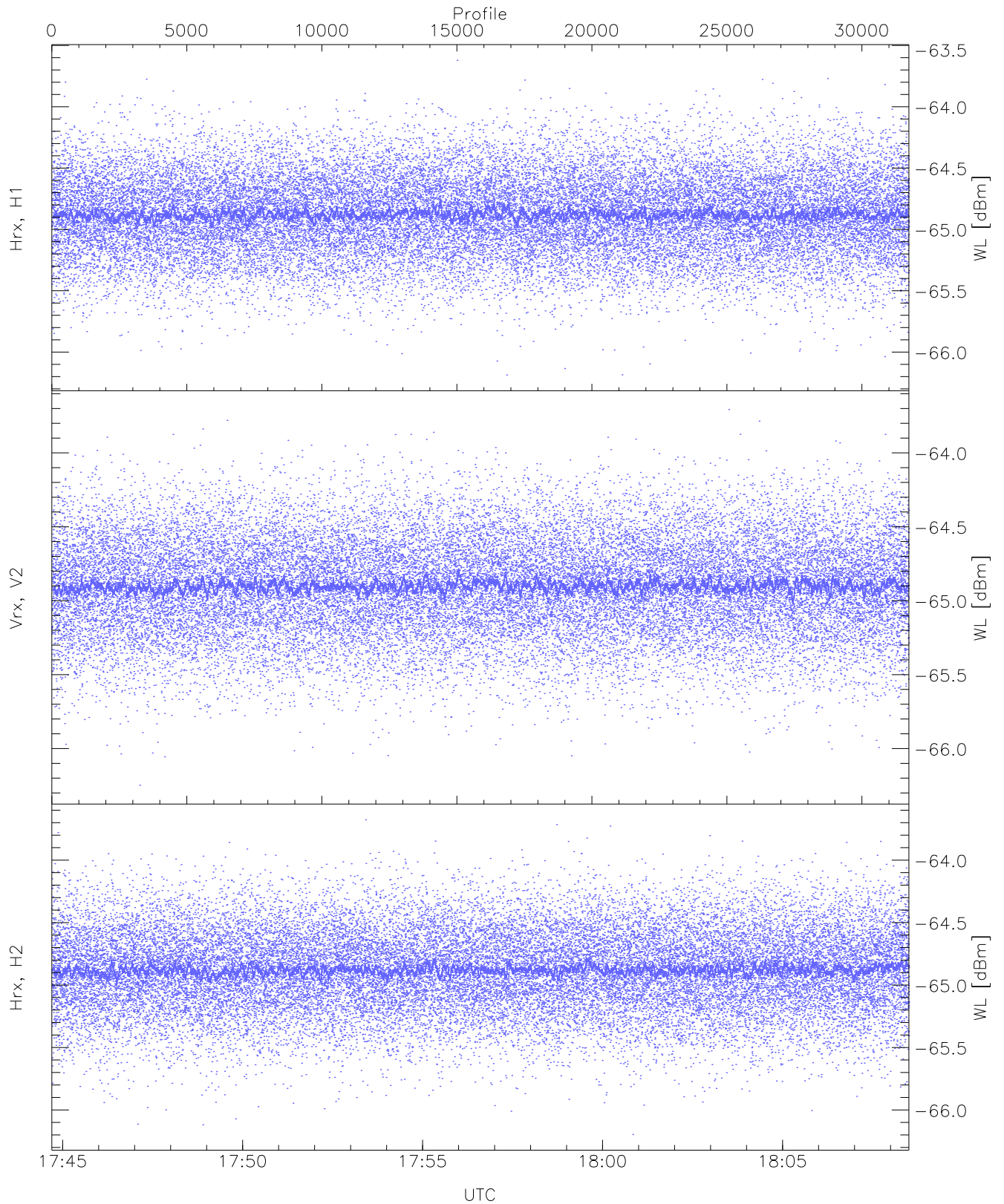
WCR3 CPP Receivers Gain and Noise Figure

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



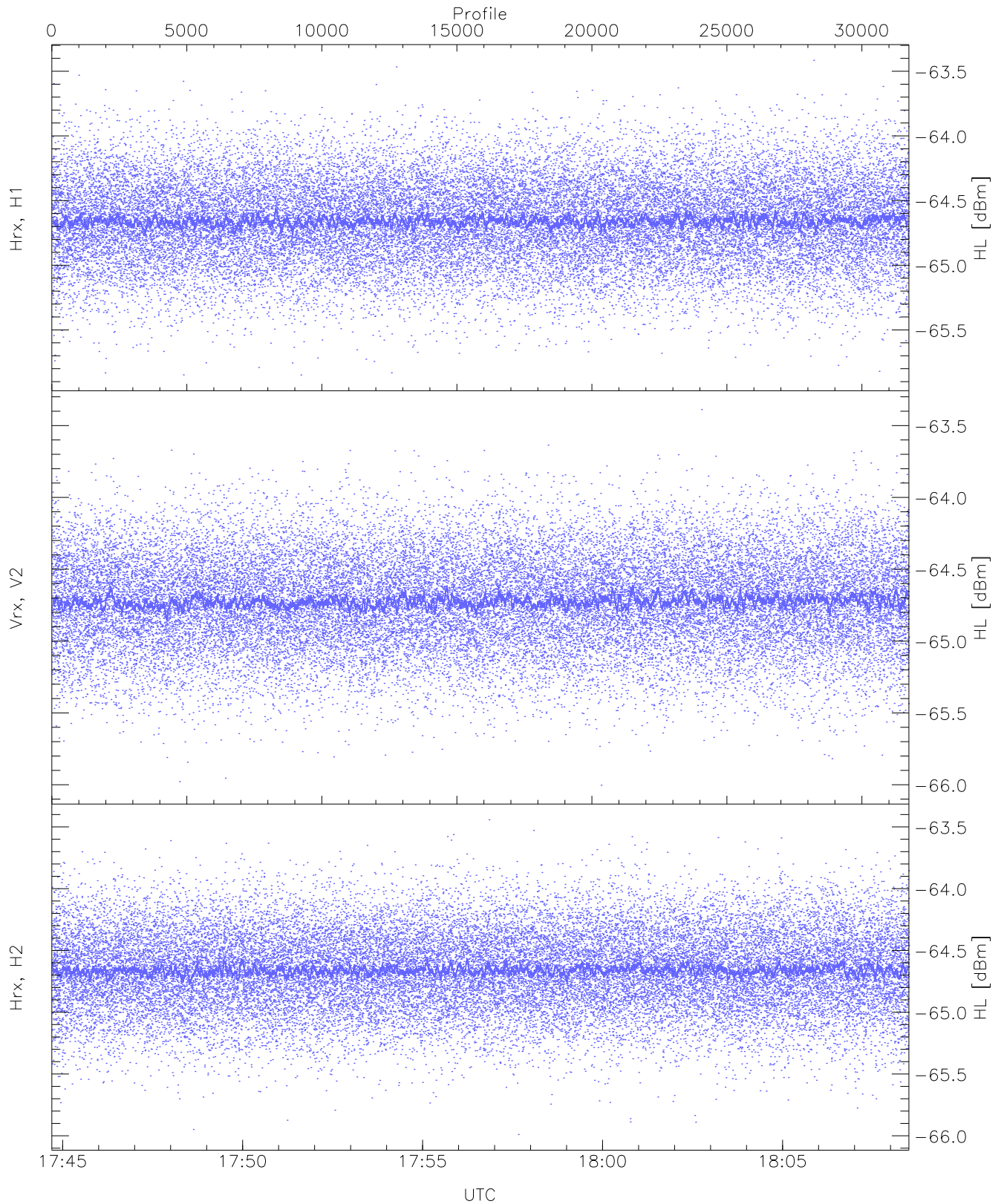
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.44	-65.15	-65.30	-65.31	-86.16
RMPHrxH1(std_dBm)	-76.12	-74.65	-75.32	-75.32	-89.07
RMPVrxV2(mean_dBm)	-65.11	-64.81	-64.95	-64.95	-85.70
RMPVrxV2(std_dBm)	-75.70	-74.14	-74.97	-74.97	-88.76
RMPHrxH2(mean_dBm)	-65.03	-64.76	-64.89	-64.89	-85.86
RMPHrxH2(std_dBm)	-75.65	-74.18	-74.90	-74.91	-88.68



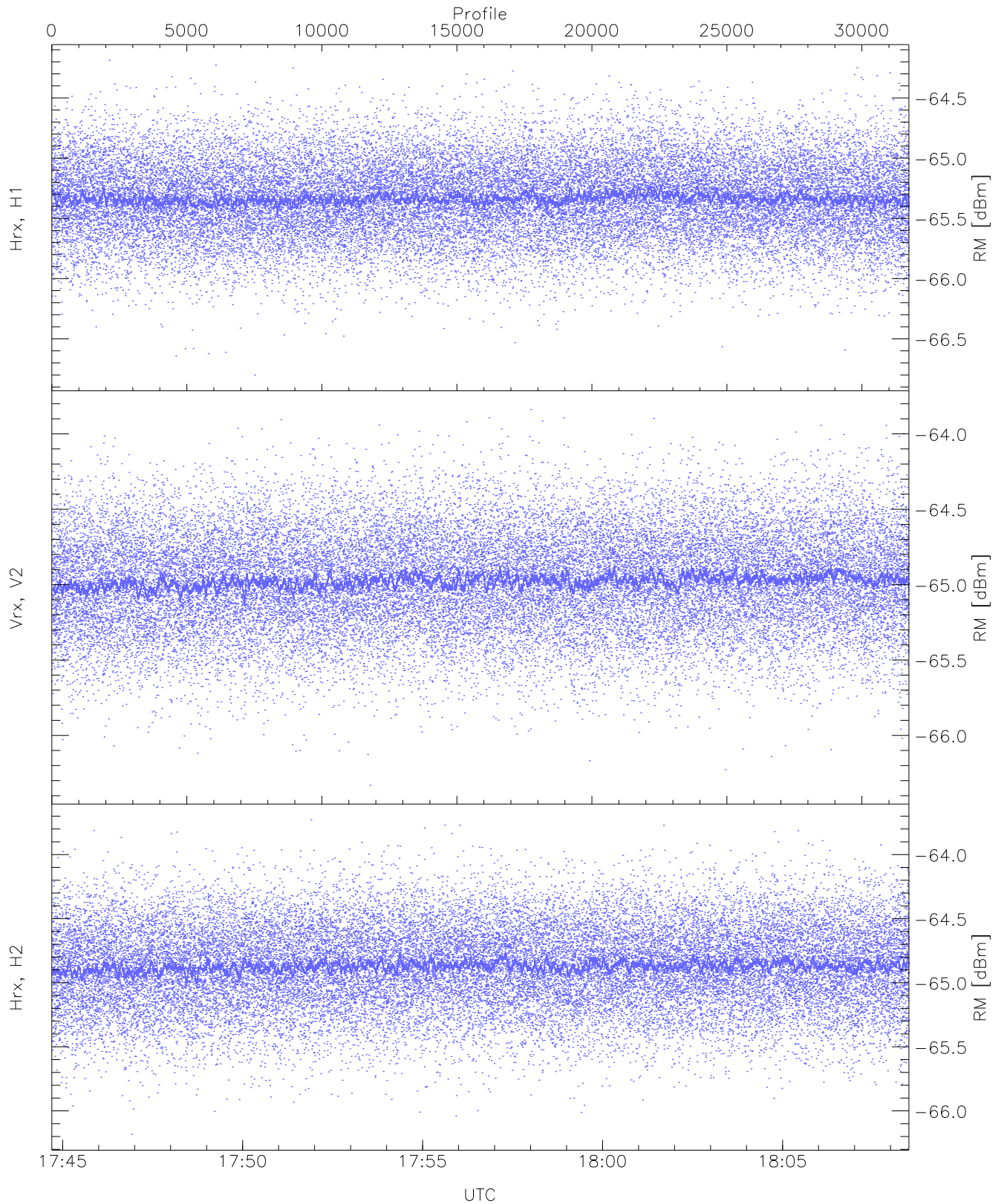
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.19	-63.62	-64.87	-64.88	-76.37
Vrx, V2 (WL [dBm])	-66.25	-63.71	-64.89	-64.90	-76.42
Hrx, H2 (WL [dBm])	-66.20	-63.68	-64.87	-64.88	-76.39



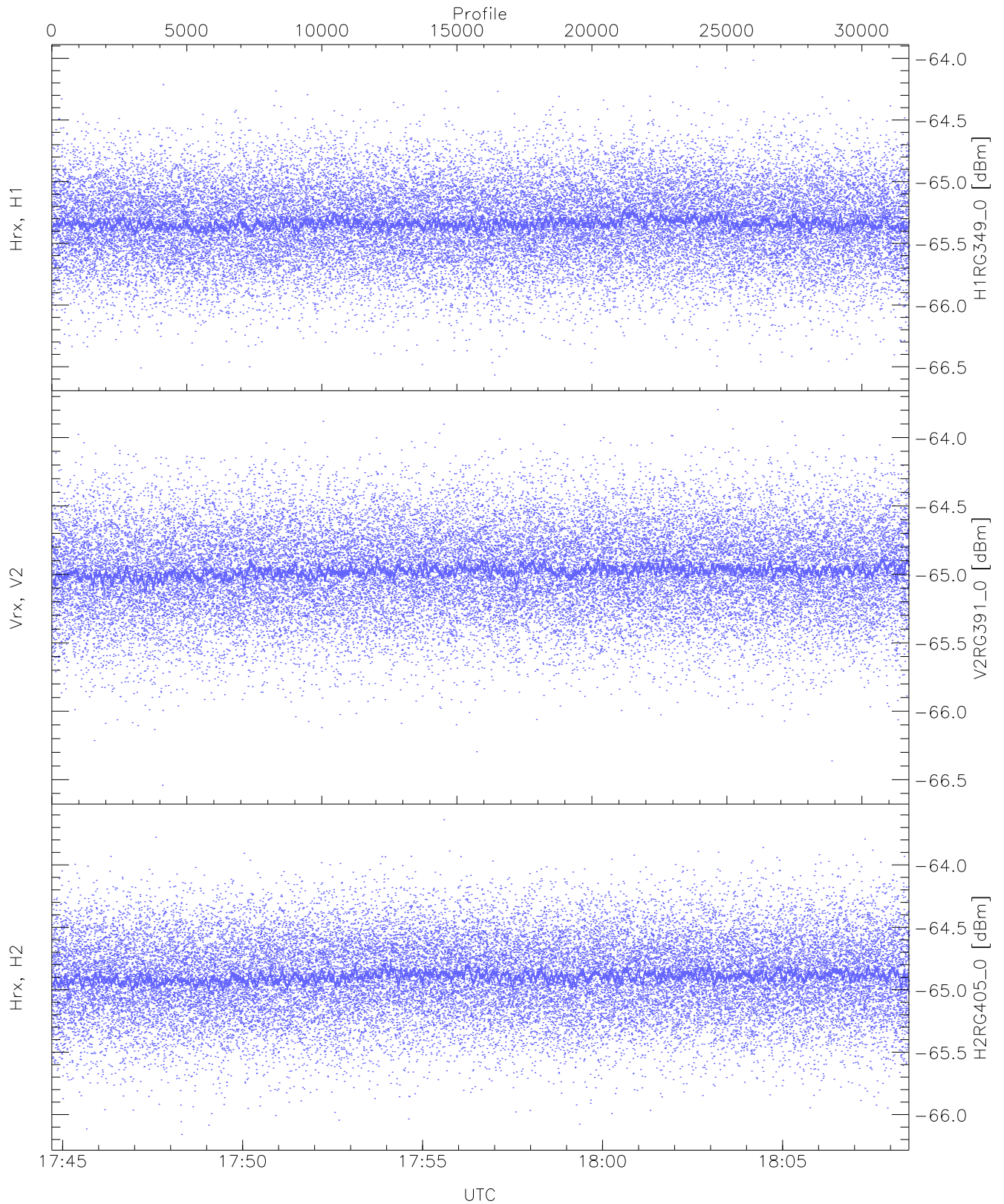
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.85	-63.42	-64.65	-64.66	-76.14
Vrx, V2 (HL [dBm])	-66.00	-63.39	-64.72	-64.72	-76.21
Hrx, H2 (HL [dBm])	-65.99	-63.44	-64.65	-64.66	-76.14



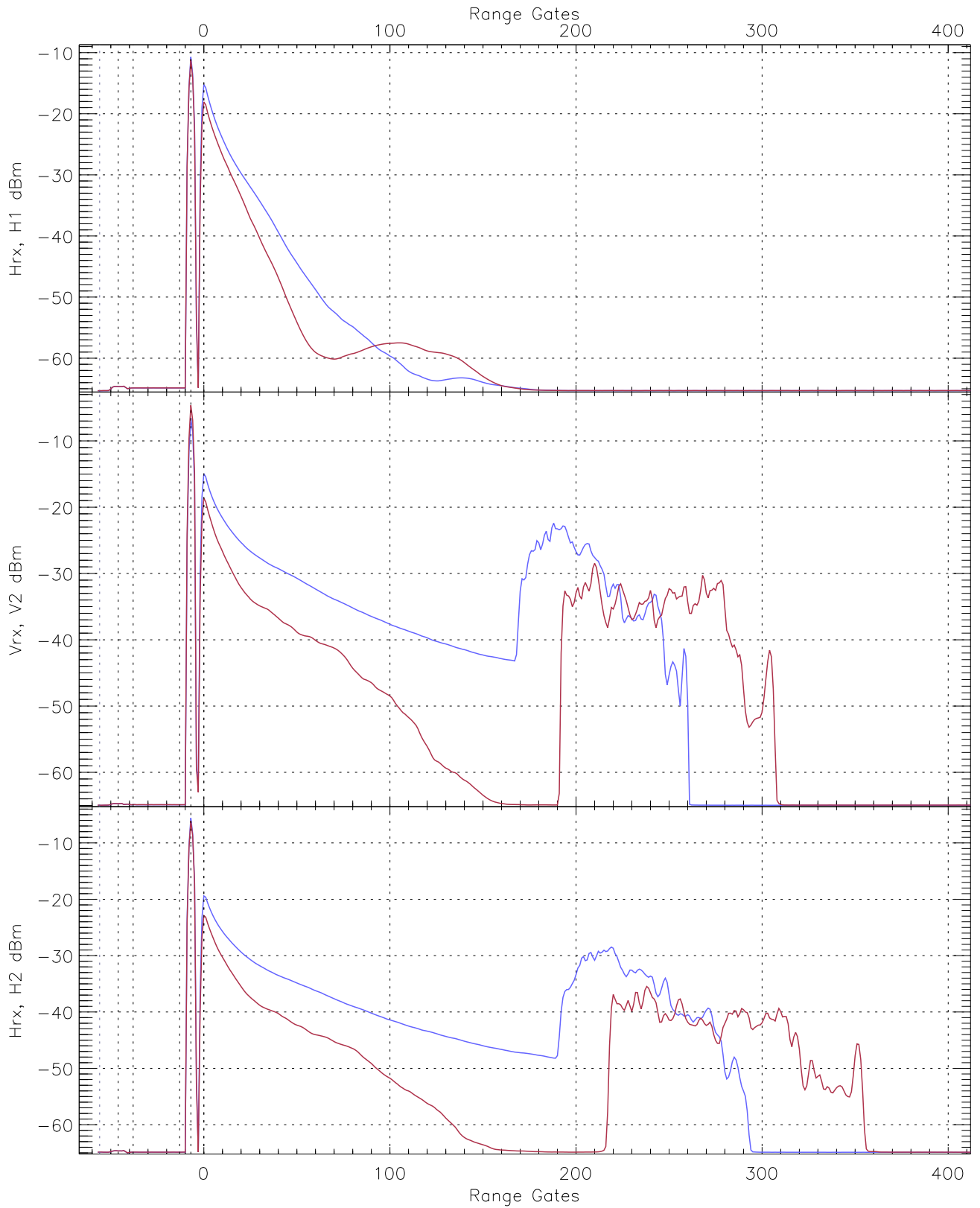
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.80	-64.19	-65.33	-65.34	-76.84
Vrx, V2 (RM [dBm])	-66.33	-63.84	-64.97	-64.98	-76.46
Hrx, H2 (RM [dBm])	-66.18	-63.73	-64.87	-64.87	-76.37

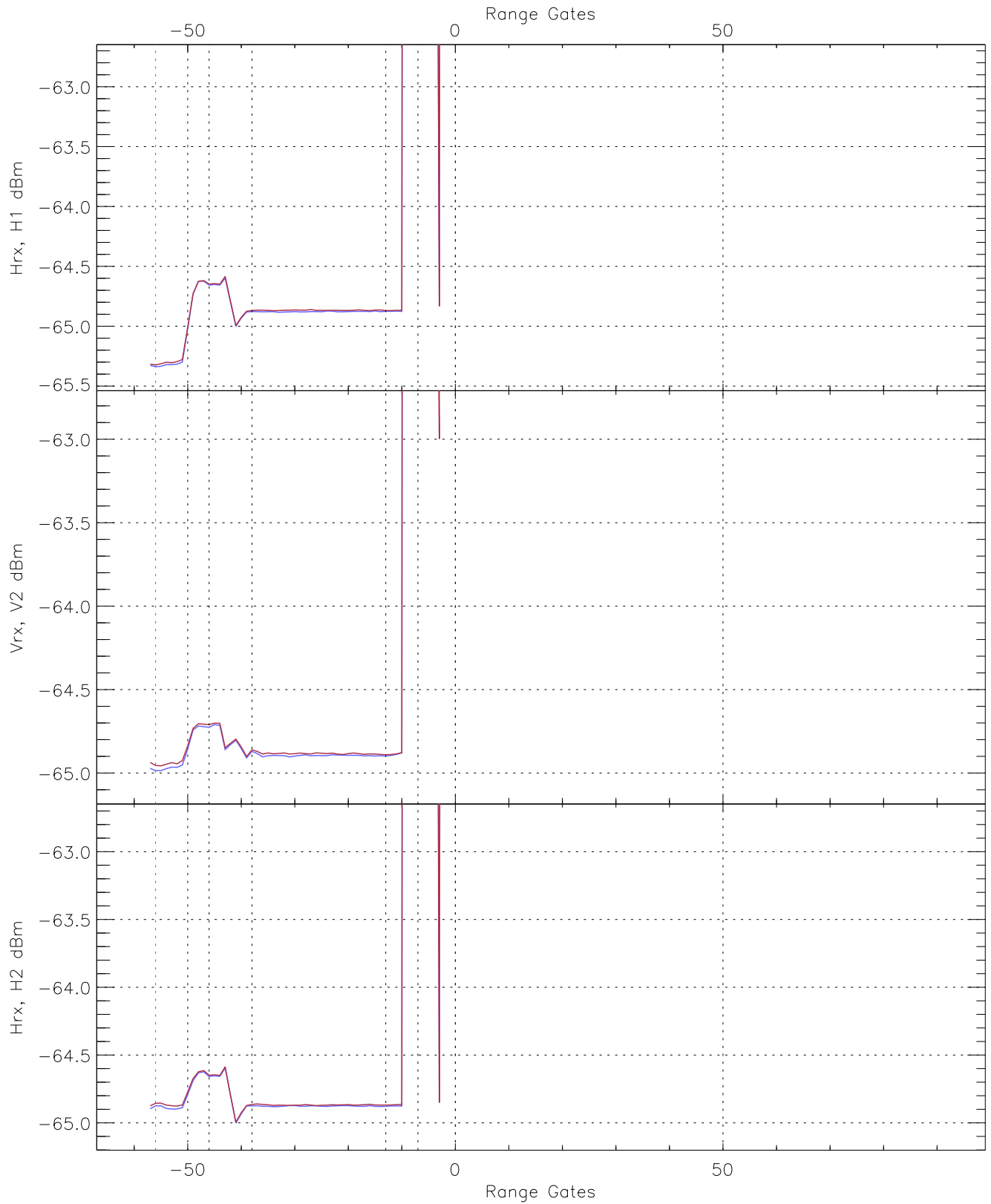


WCR3 CPP "Best" estimate Receivers Noise Power

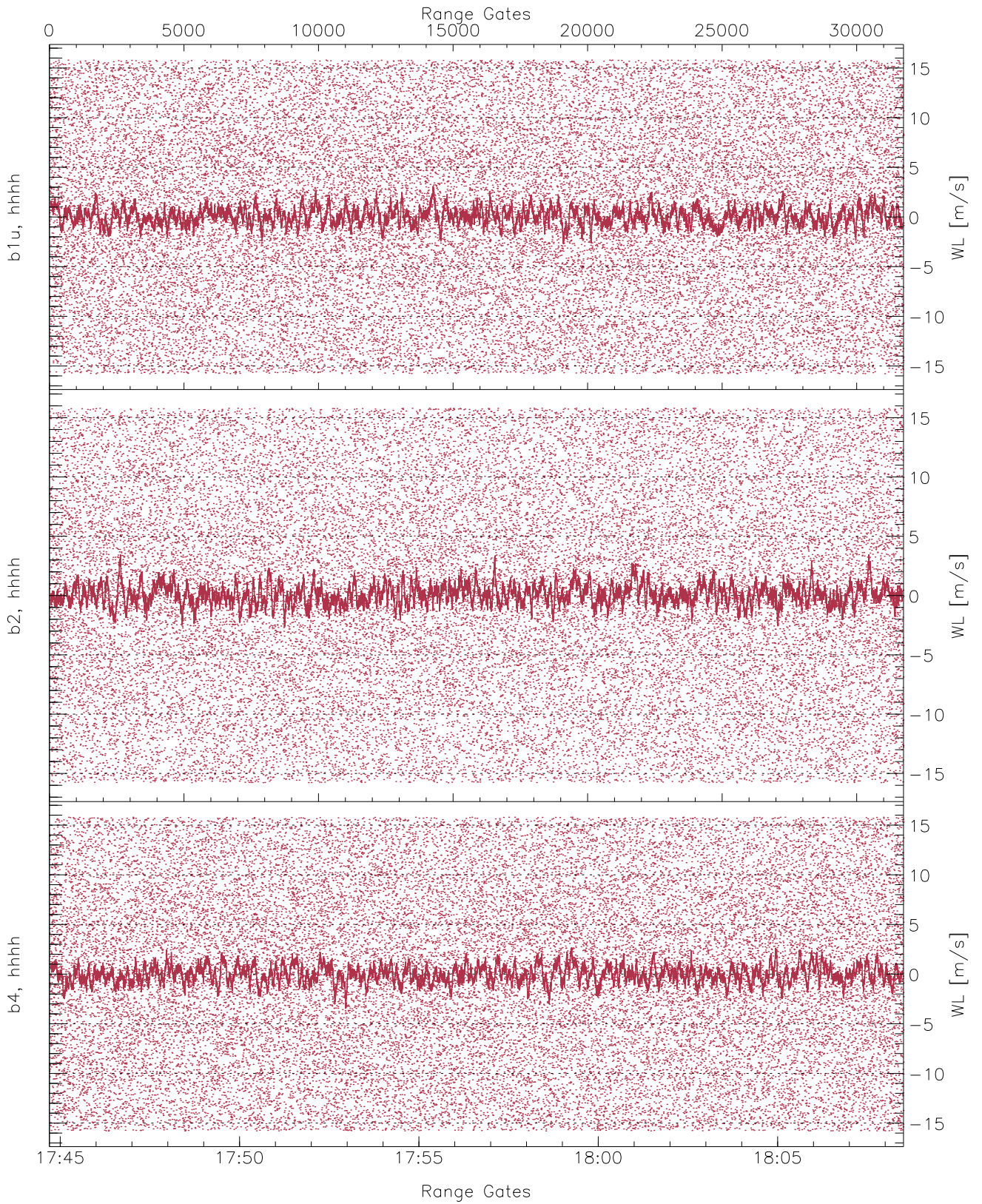
	Min	Max	Mean	Median	StDev
H1RG349_0 [dBm]	-66.57	-64.02	-65.33	-65.34	-76.85
V2RG391_0 [dBm]	-66.54	-63.79	-64.97	-64.98	-76.45
H2RG405_0 [dBm]	-66.16	-63.64	-64.89	-64.90	-76.41



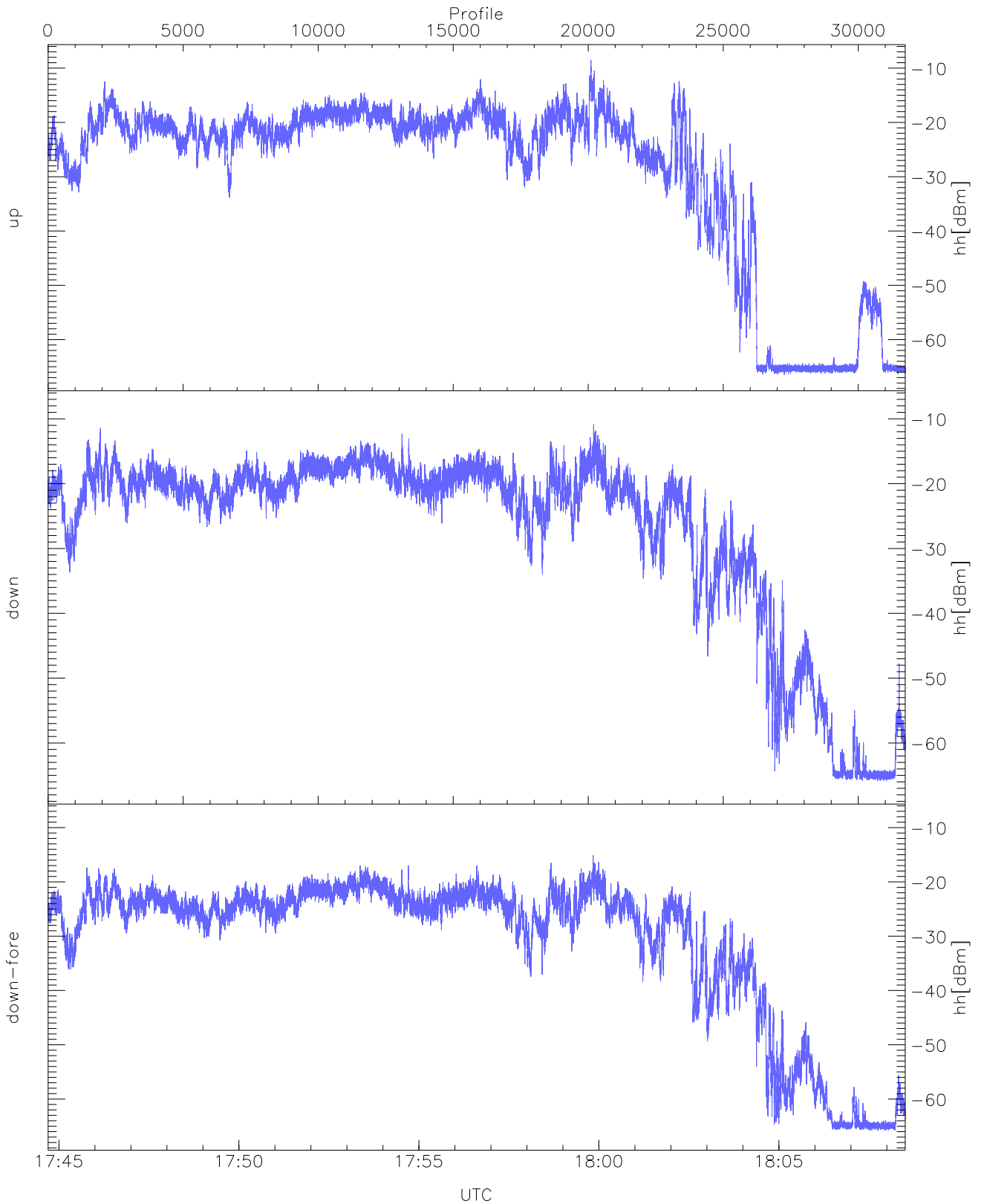
WCR3 CPP Averaged Received power for all recorded gates
blue: 174442-175636, 15871 profiles averaged
red: 175636-180831, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 174442-175636, 15871 profiles averaged
red: 175636-180831, 15871 profiles averaged

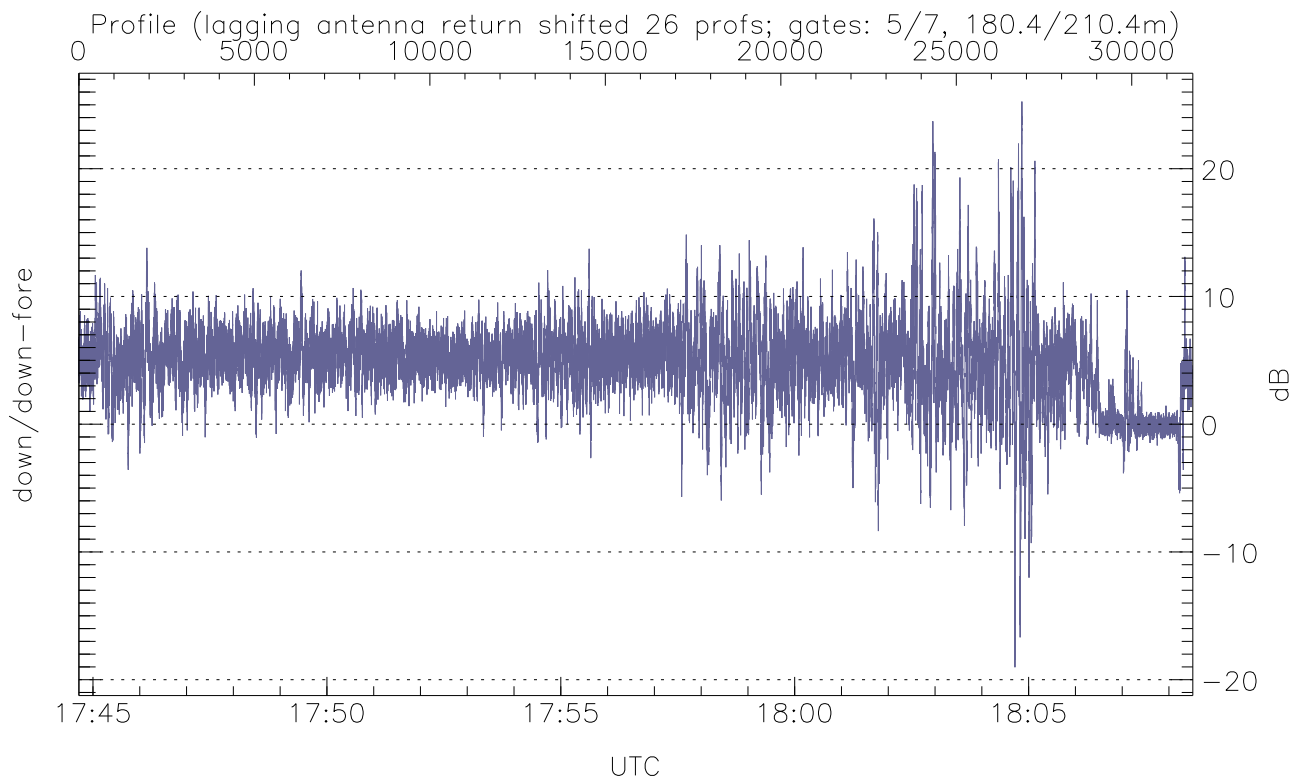
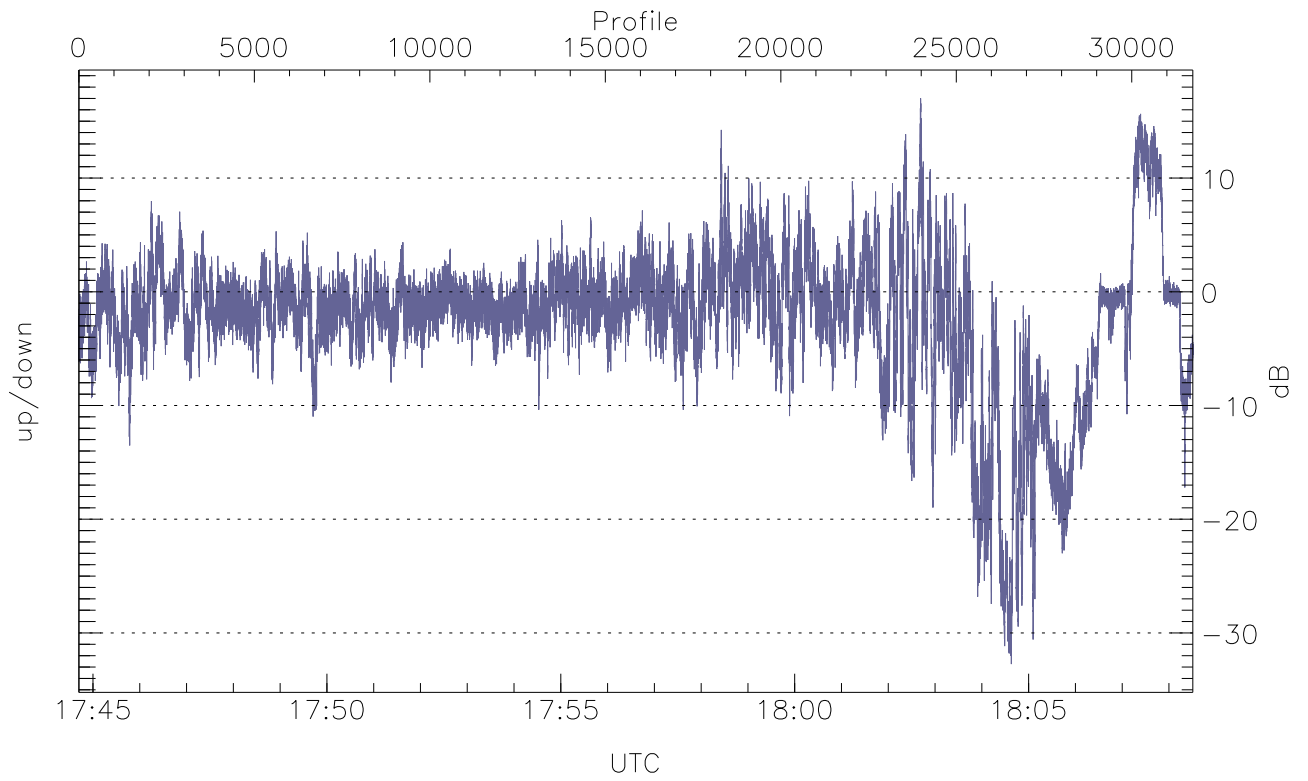


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



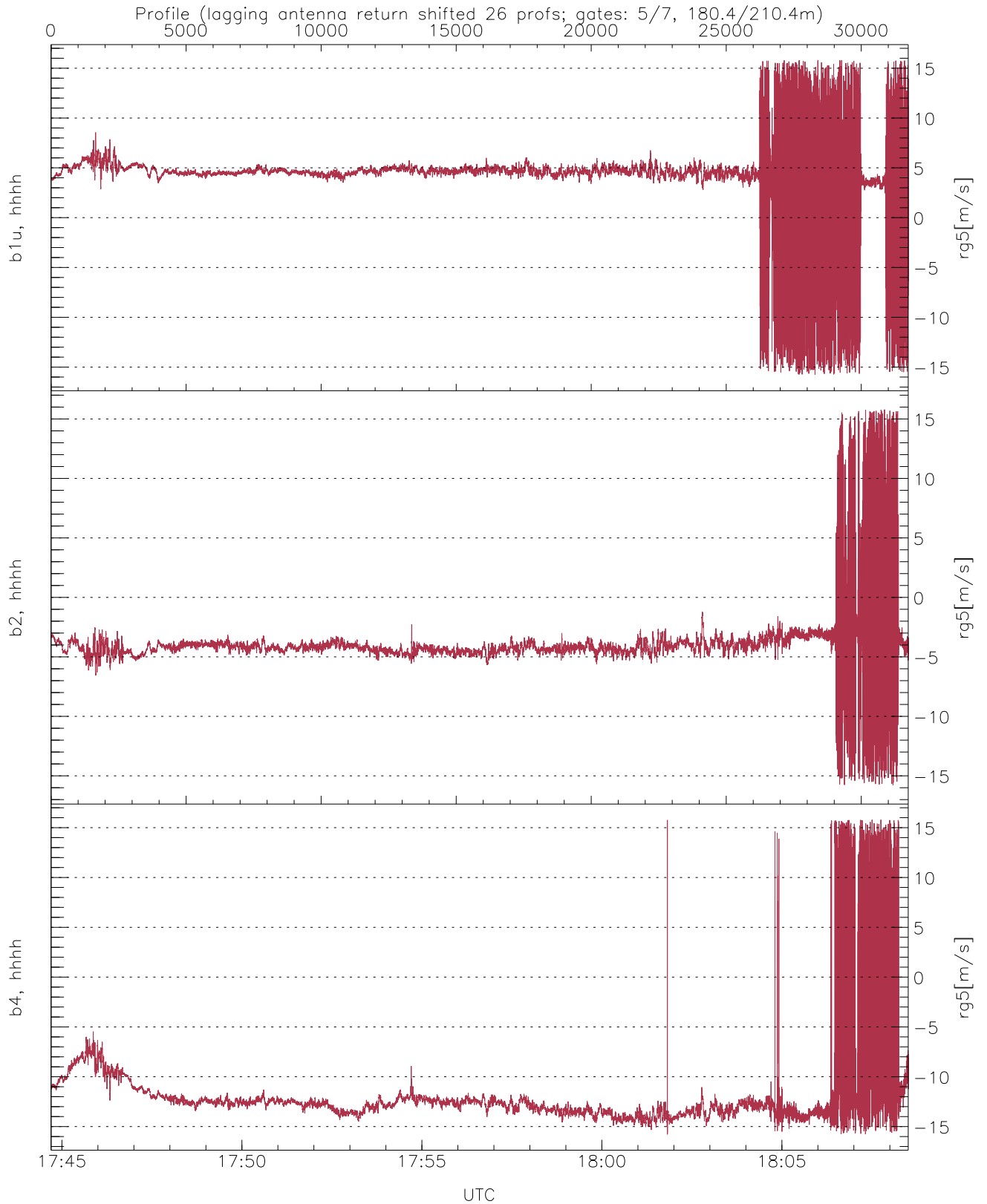
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.52	-8.56	-21.22
down(hh[dBm])	-65.87	-10.84	-20.51
down-fore(hh[dBm])	-65.82	-15.09	-24.49



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

	Min	Max	Mean
up/down (dB)	-32.74	17.01	-2.35
down/down-fore (dB)	-19.03	25.26	4.78



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.75	15.79	4.03	3.39
b2, hhhh(rg5[m/s])	-15.78	15.79	-3.91	2.28
b4, hhhh(rg5[m/s])	-15.79	15.79	-11.76	4.04