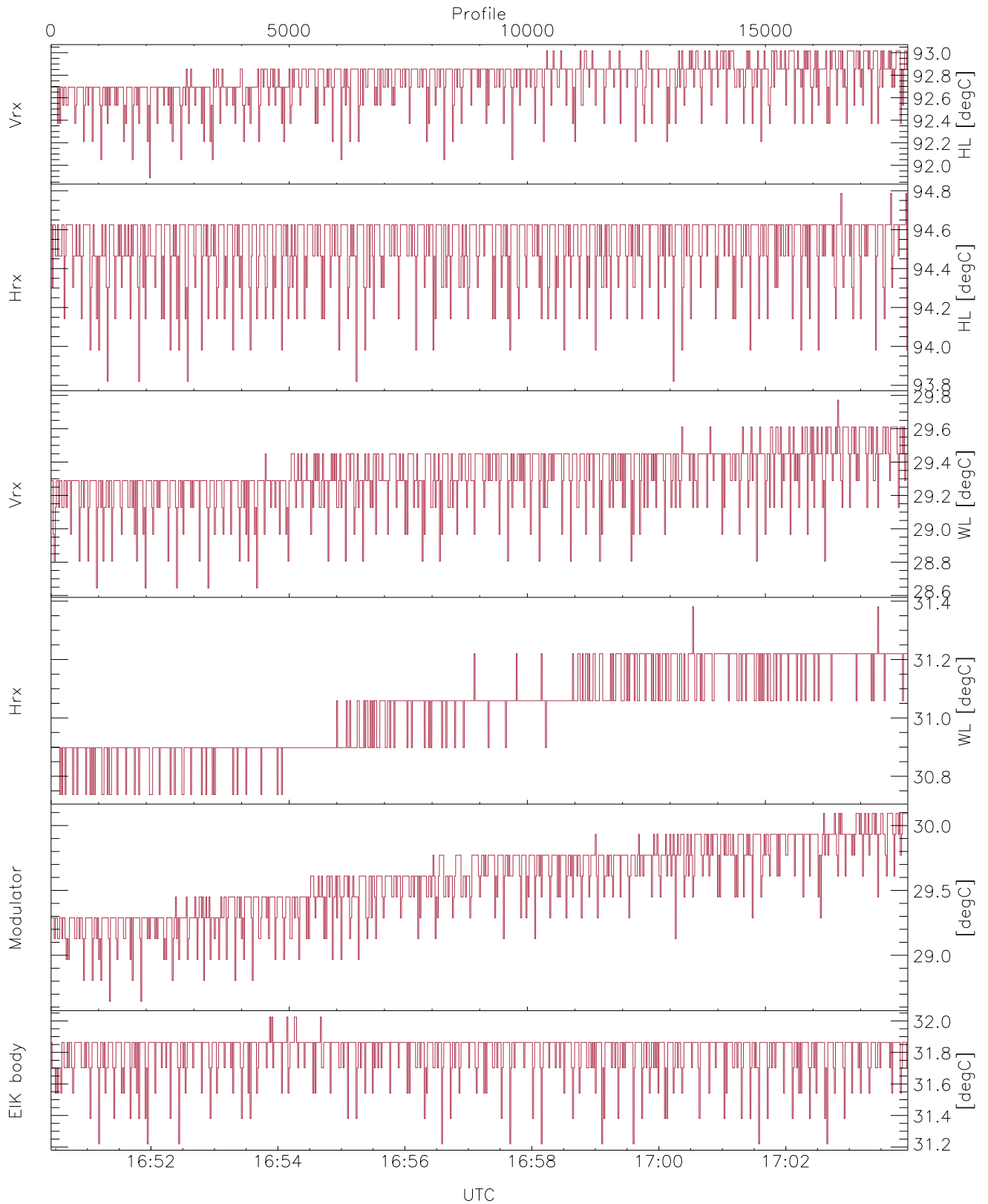


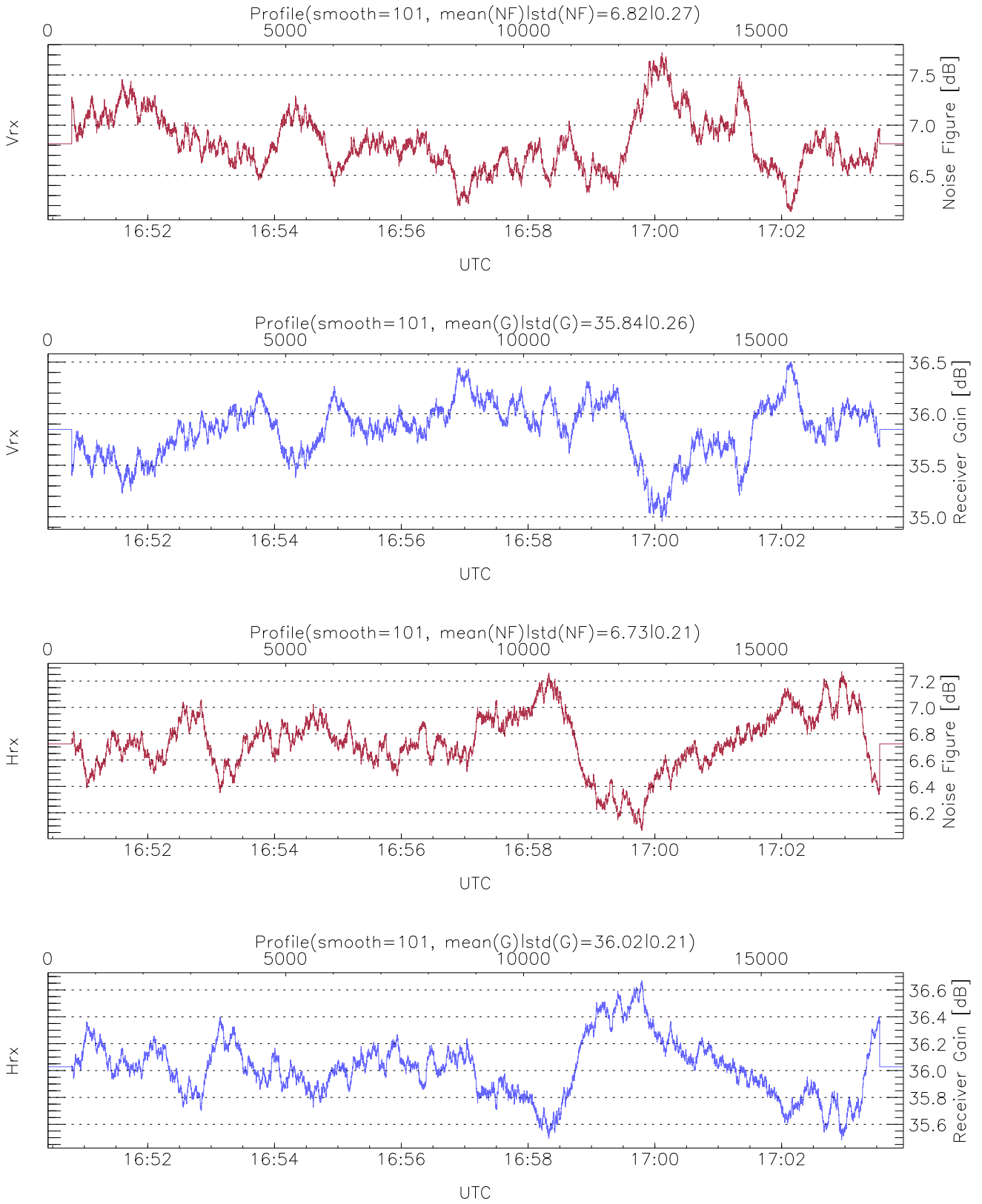
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:50:26-17:03:55, TimeCor: 0.00s, Dur: 809.71s  
 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): 17990/17990, 0-17989/16:50:26-17:03:55  
 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



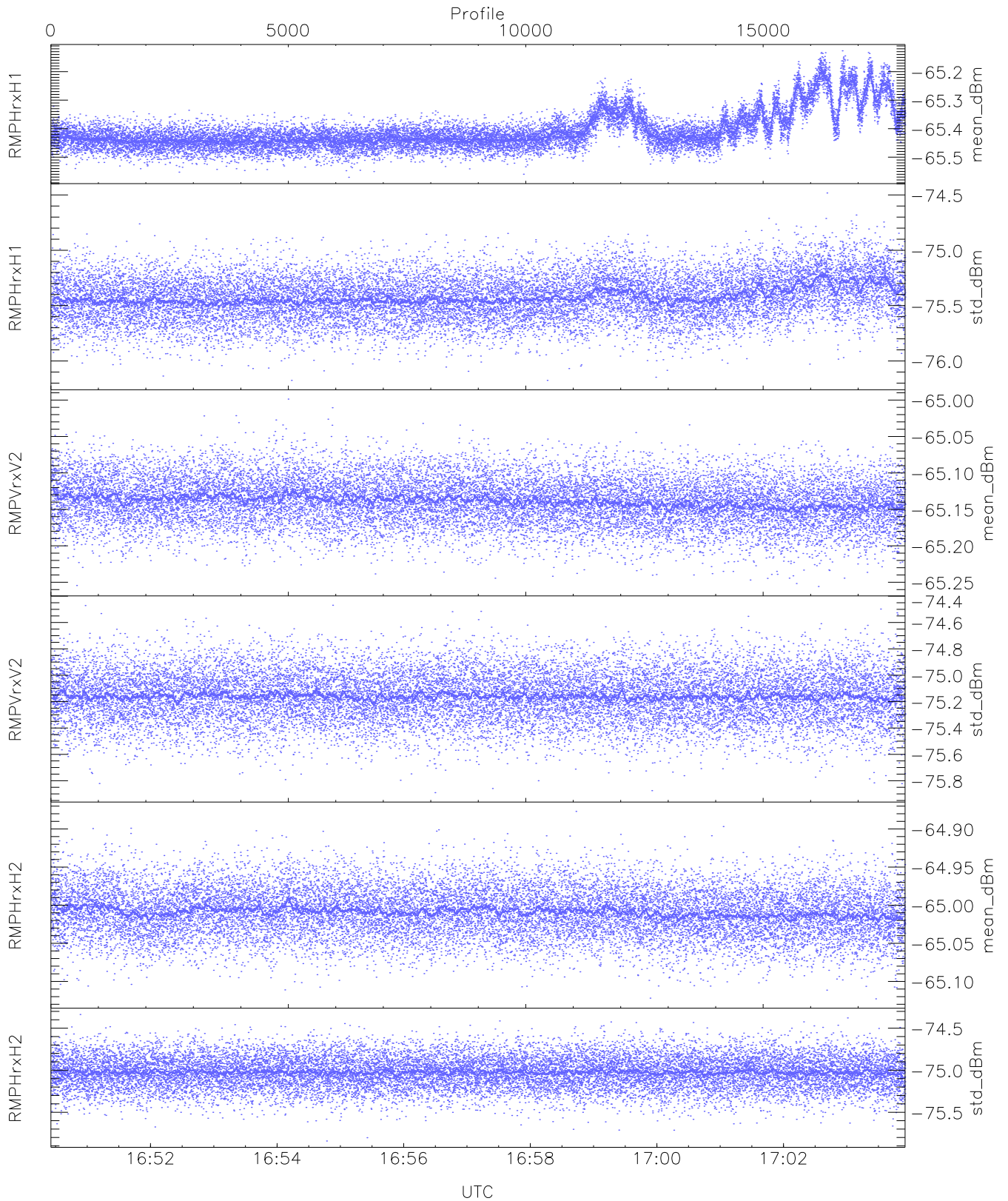
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,28,30,28,31  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,30,32  
LOalarm(20,240,2817,14861 MHz): None  
EIK/Modulator Faults: None



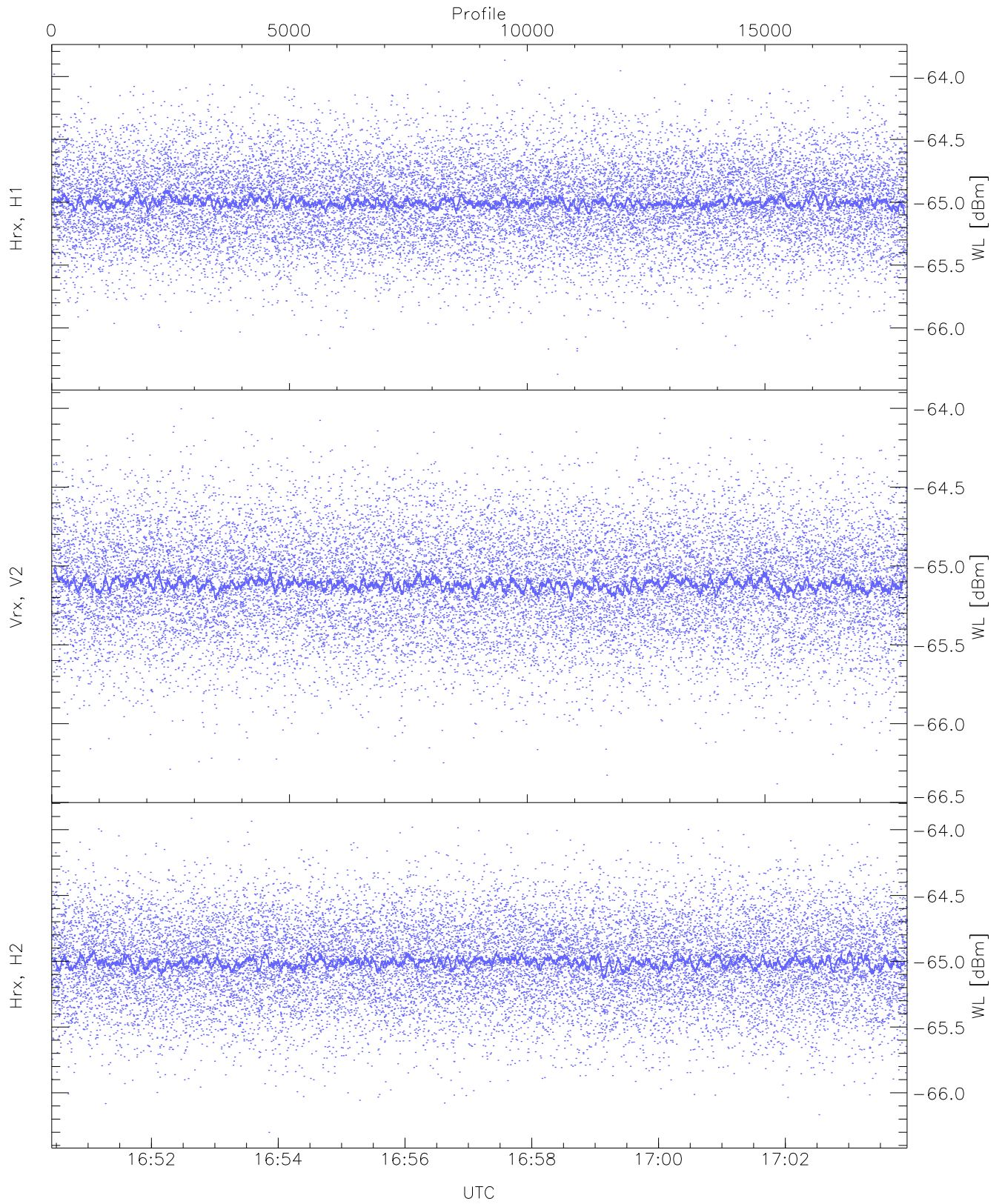
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 17 pixs, 5 gates, 17 profs, 1 prod(s)



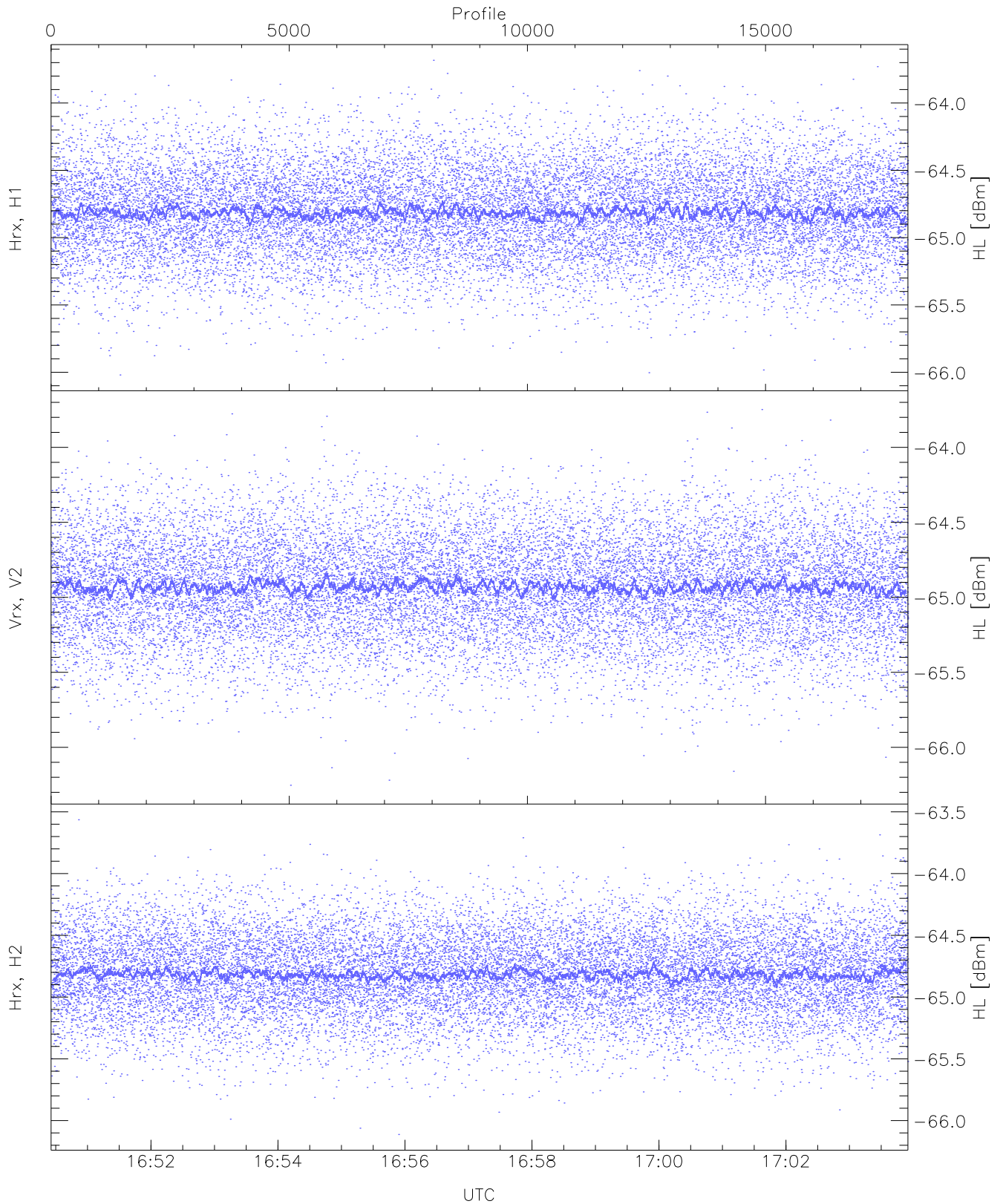
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1 (mean_dBm)	-65.57	-65.13	-65.41	-65.42	-83.39
RMPHrxH1 (std_dBm)	-76.18	-74.48	-75.42	-75.43	-88.95
RMPVrxV2 (mean_dBm)	-65.26	-65.00	-65.14	-65.14	-86.67
RMPVrxV2 (std_dBm)	-75.89	-74.47	-75.16	-75.16	-88.97
RMPHrxH2 (mean_dBm)	-65.12	-64.88	-65.01	-65.01	-86.59
RMPHrxH2 (std_dBm)	-75.84	-74.34	-75.02	-75.03	-88.80



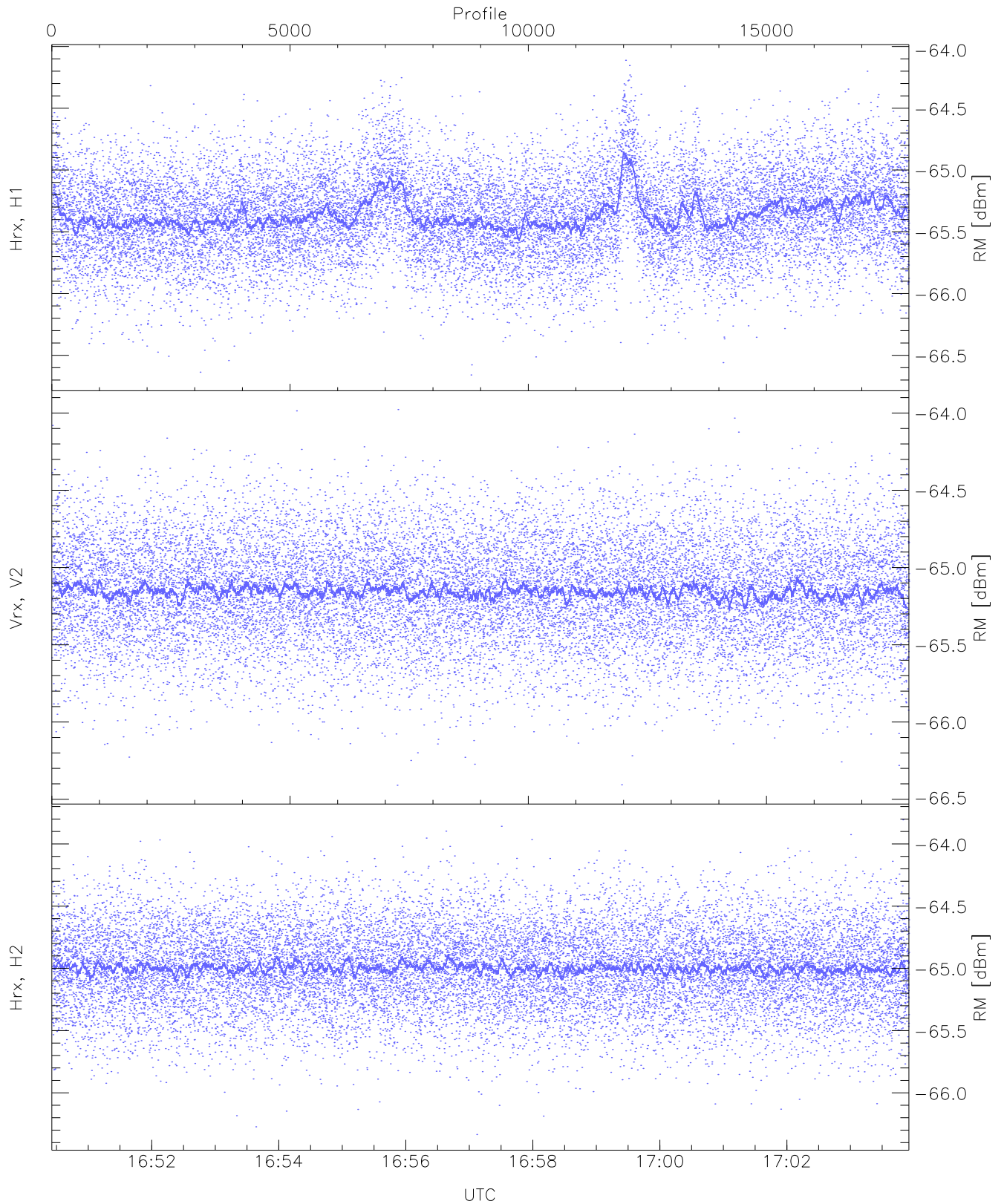
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.37	-63.87	-64.99	-65.00	-76.52
Vrx, V2 (WL [dBm])	-66.38	-64.00	-65.11	-65.11	-76.64
Hrx, H2 (WL [dBm])	-66.30	-63.91	-65.00	-65.01	-76.52



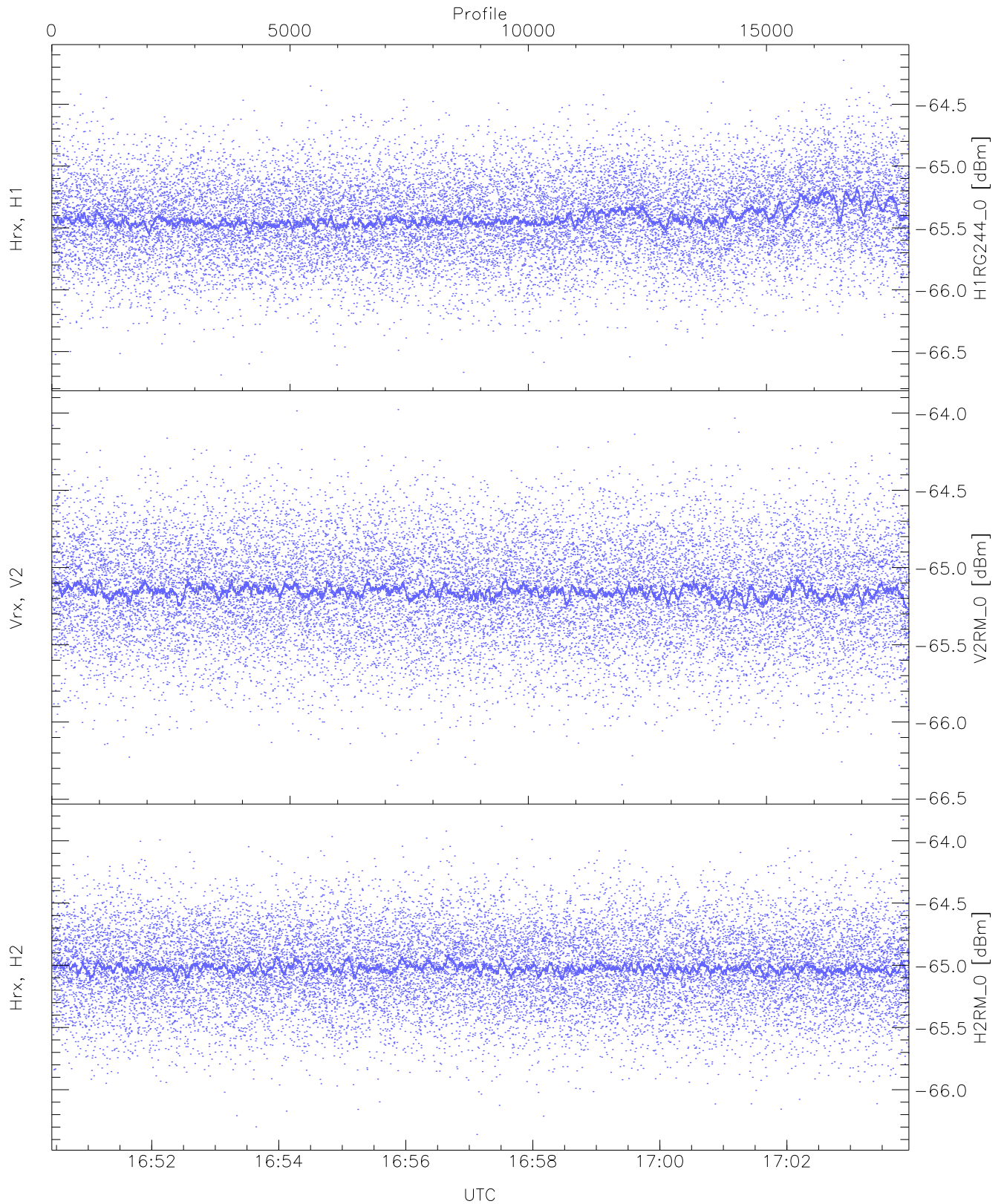
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.02	-63.68	-64.81	-64.82	-76.30
Vrx, V2 (HL [dBm])	-66.25	-63.75	-64.92	-64.93	-76.39
Hrx, H2 (HL [dBm])	-66.11	-63.56	-64.81	-64.82	-76.32



WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

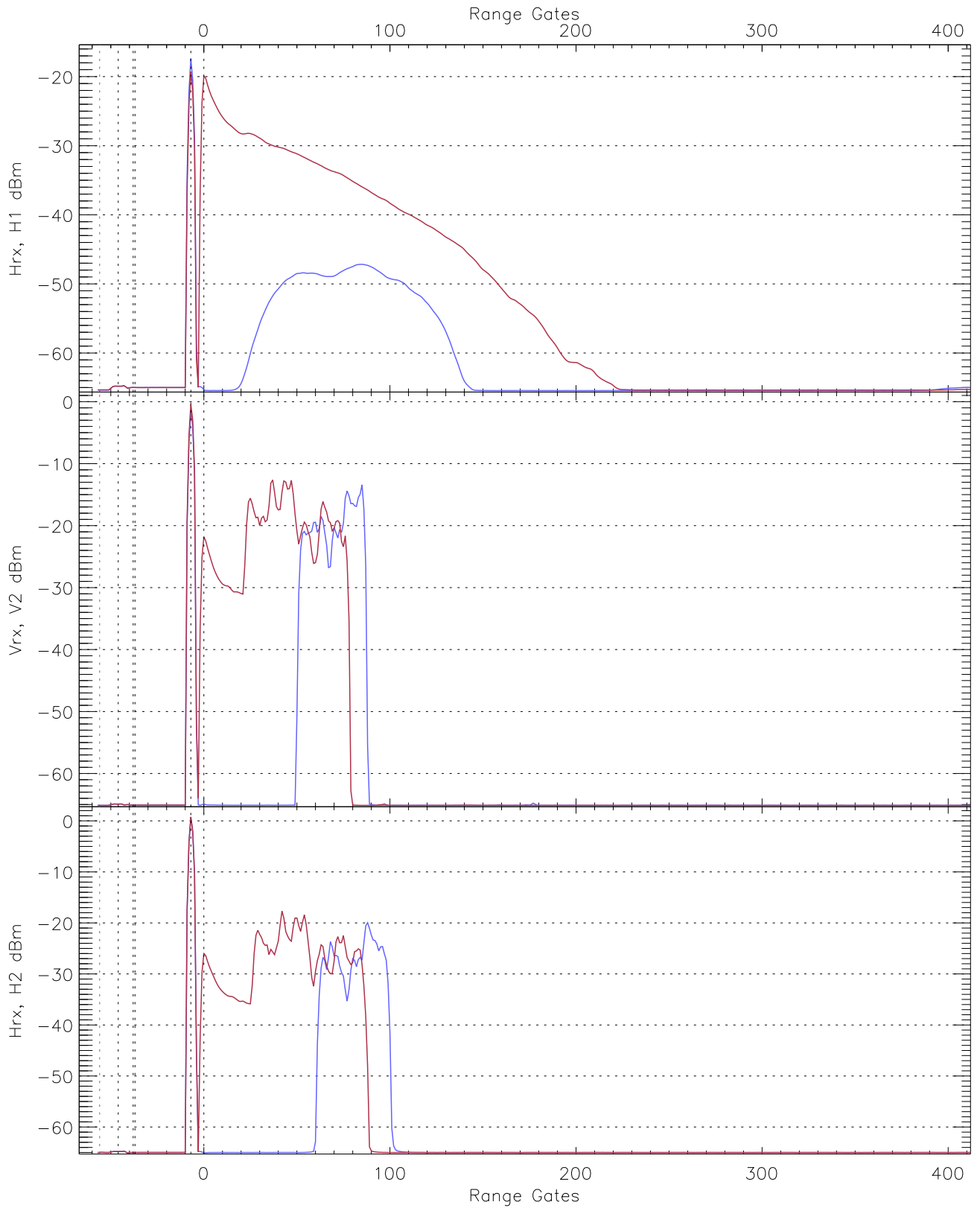
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.66	-64.11	-65.36	-65.37	-76.61
Vrx, V2 (RM [dBm])	-66.41	-63.98	-65.15	-65.15	-76.65
Hrx, H2 (RM [dBm])	-66.33	-63.81	-64.99	-65.00	-76.48



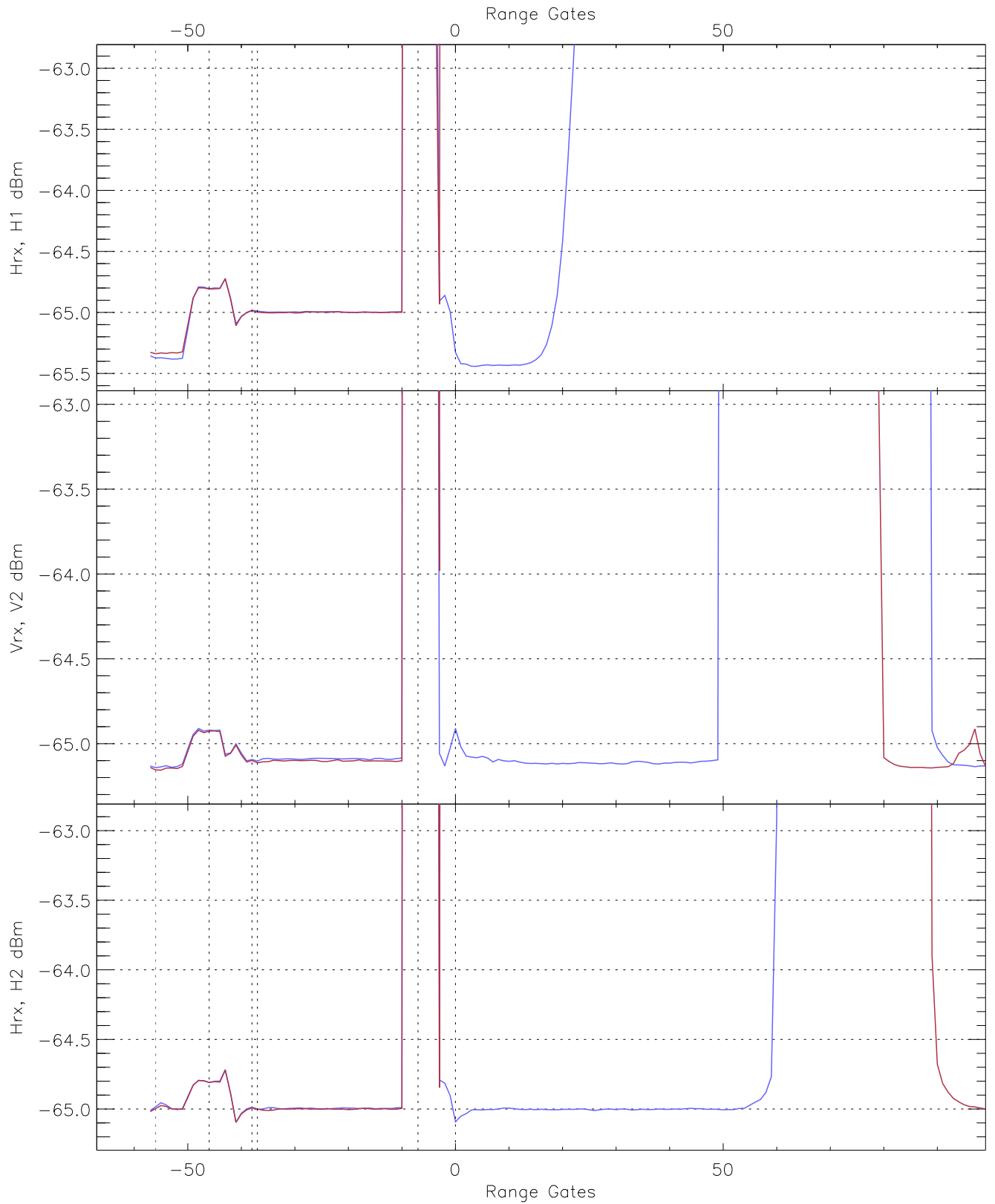
WCR3 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG244_0 [dBm]	-66.69	-64.14	-65.41	-65.42	-76.83
V2RM_0 [dBm]	-66.41	-63.98	-65.15	-65.15	-76.65
H2RM_0 [dBm]	-66.36	-63.83	-65.02	-65.02	-76.50

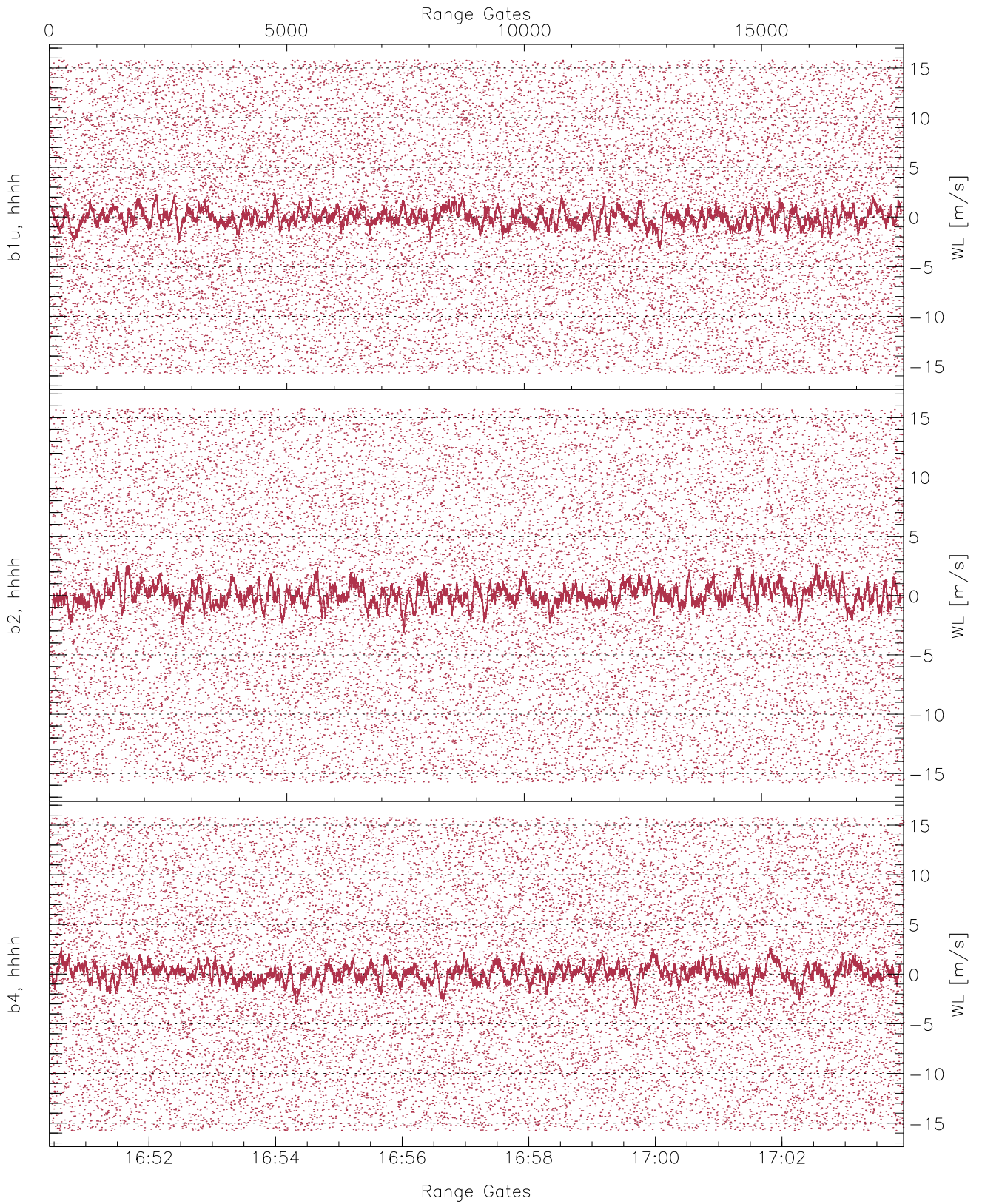




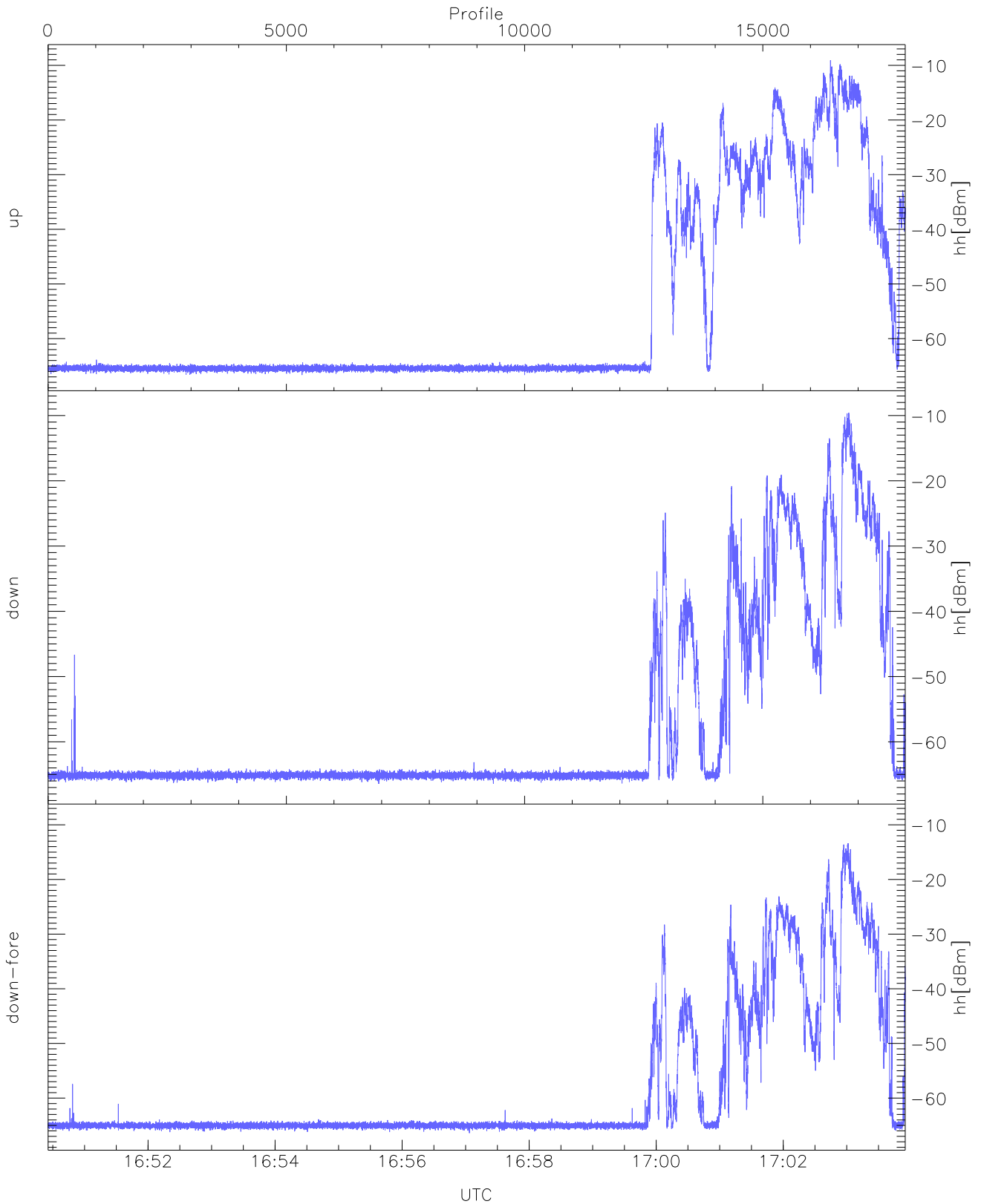
WCR3 CPP Averaged Received power for all recorded gates  
blue: 165026-165710, 8996 profiles averaged  
red: 165710-170355, 8995 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 165026-165710, 8996 profiles averaged  
red: 165710-170355, 8995 profiles averaged

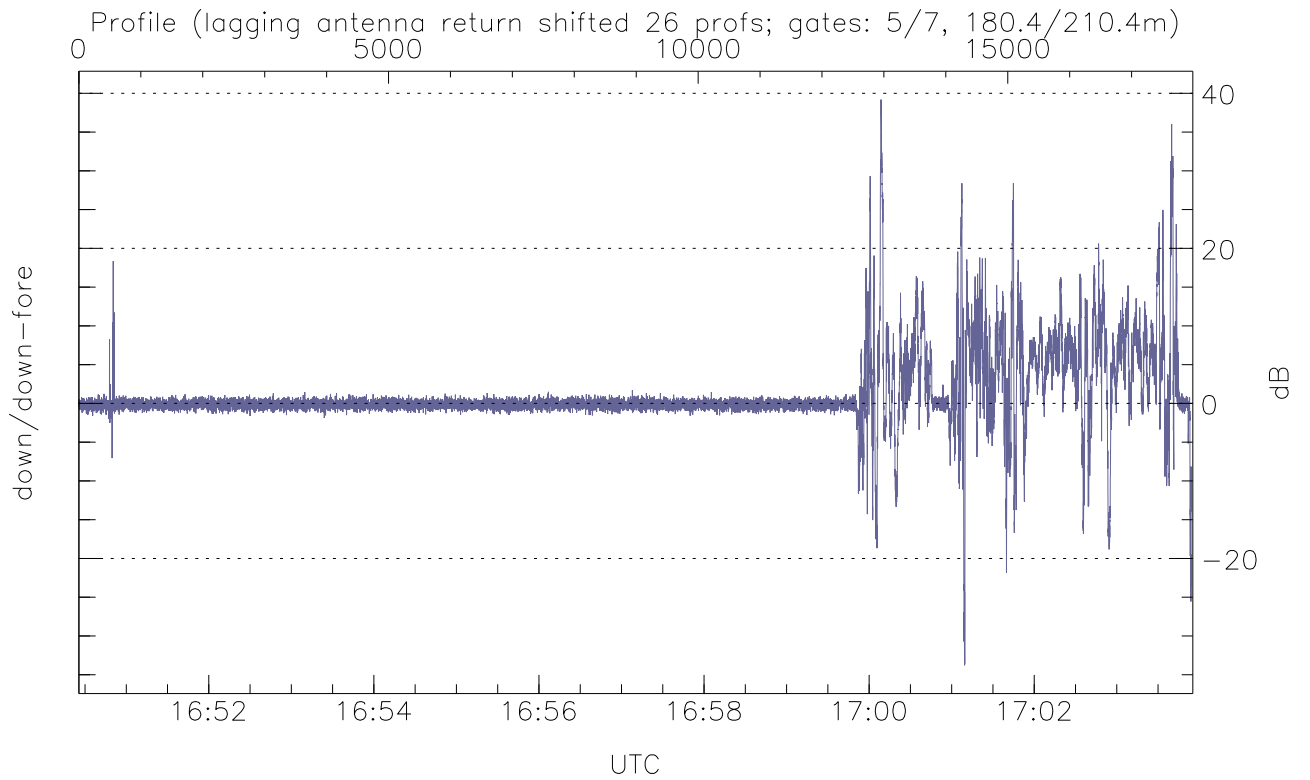
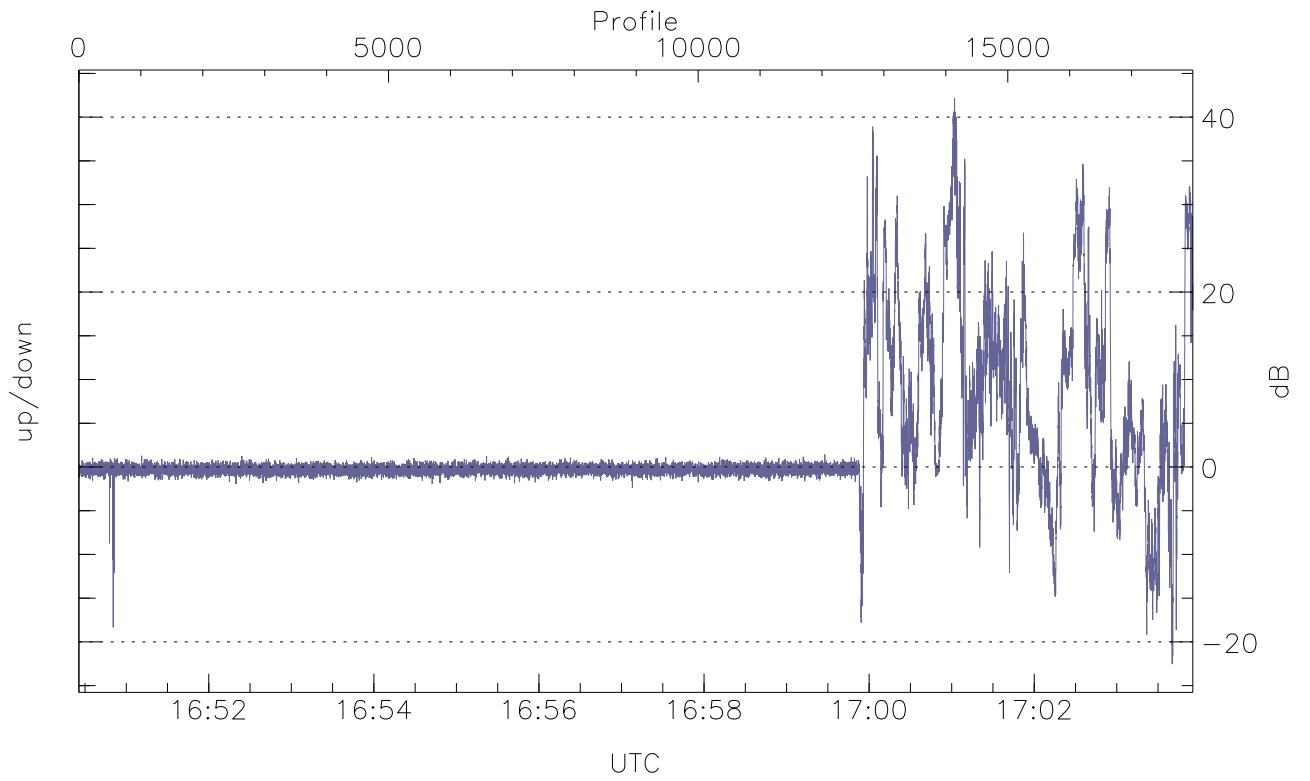


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



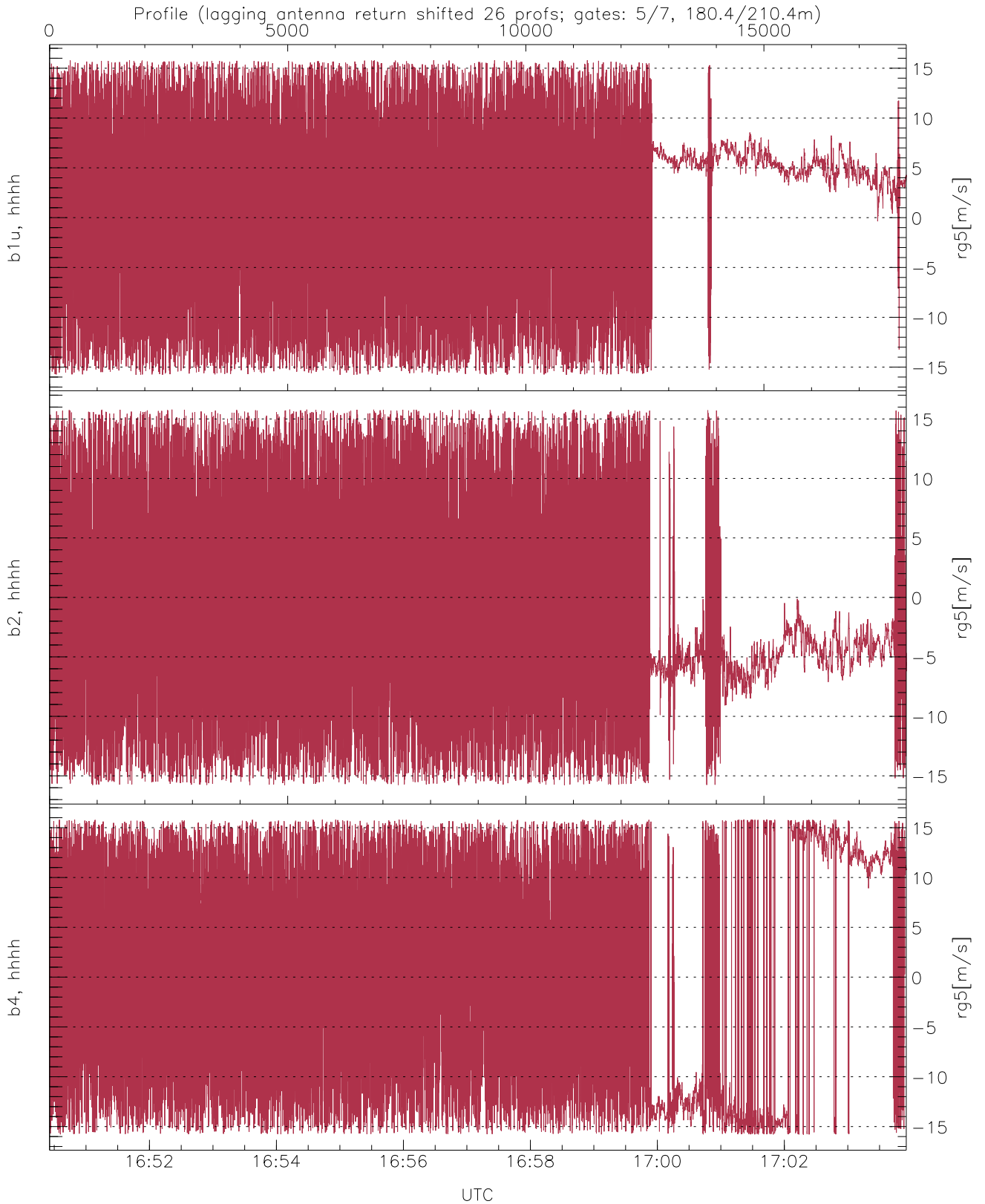
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.66	-9.08	-26.39
down(hh[dBm])	-66.44	-9.56	-29.63
down-fore(hh[dBm])	-66.41	-13.40	-33.29



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

	Min	Max	Mean
up/down (dB)	-22.54	42.16	2.50
down/down-fore (dB)	-33.78	39.20	1.22



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	1.56	7.74
b2, hhhh(rg5[m/s])	-15.79	15.79	-1.35	7.76
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.11	10.30