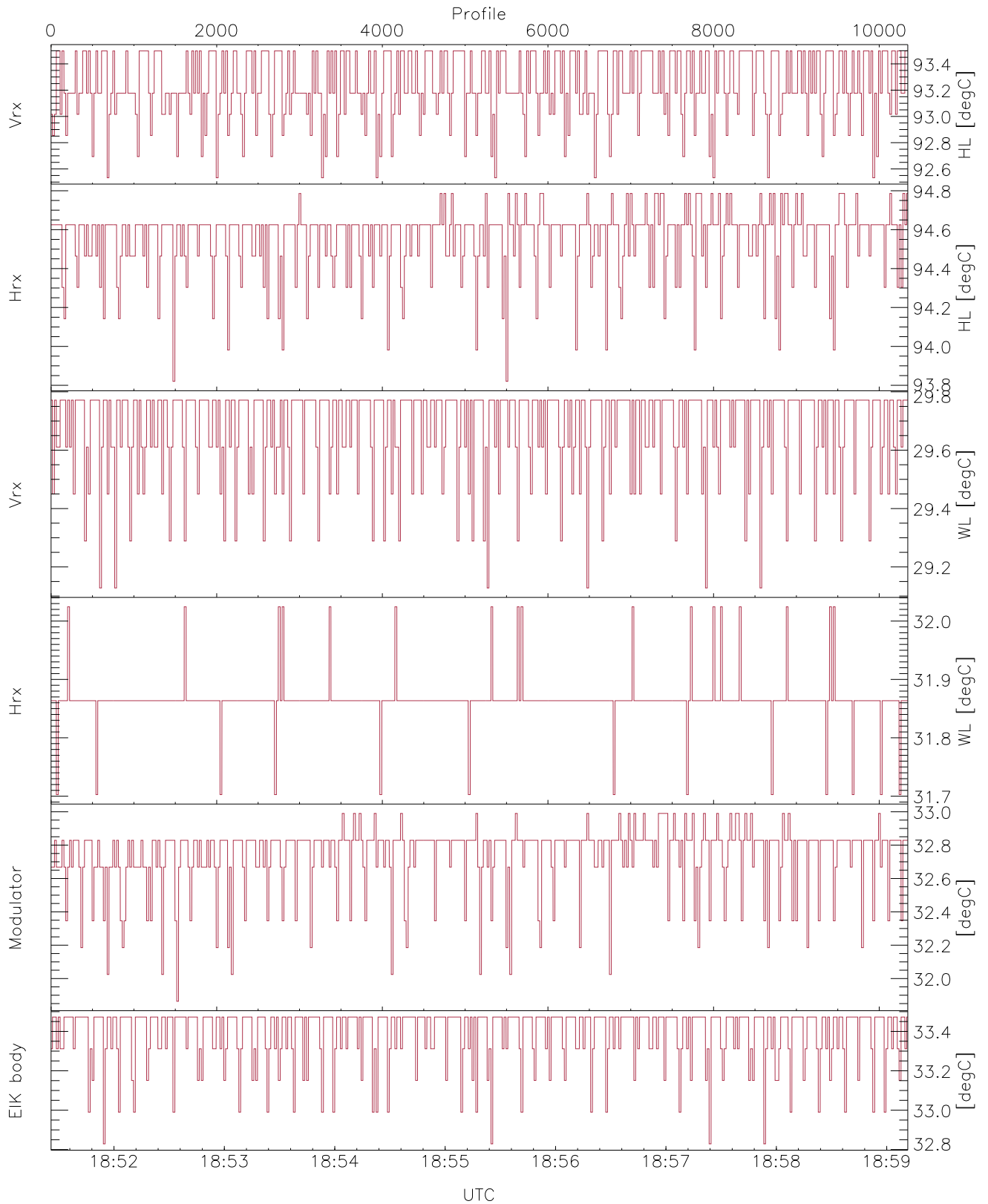


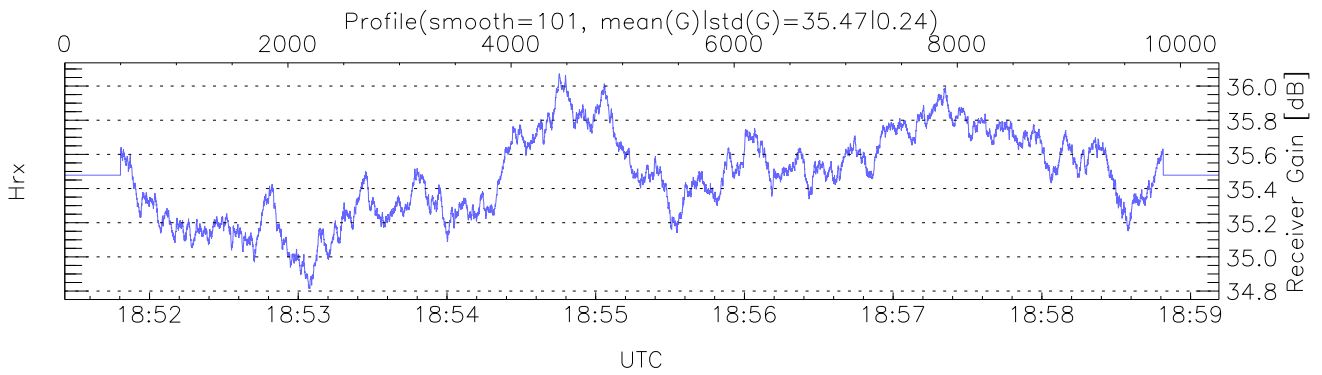
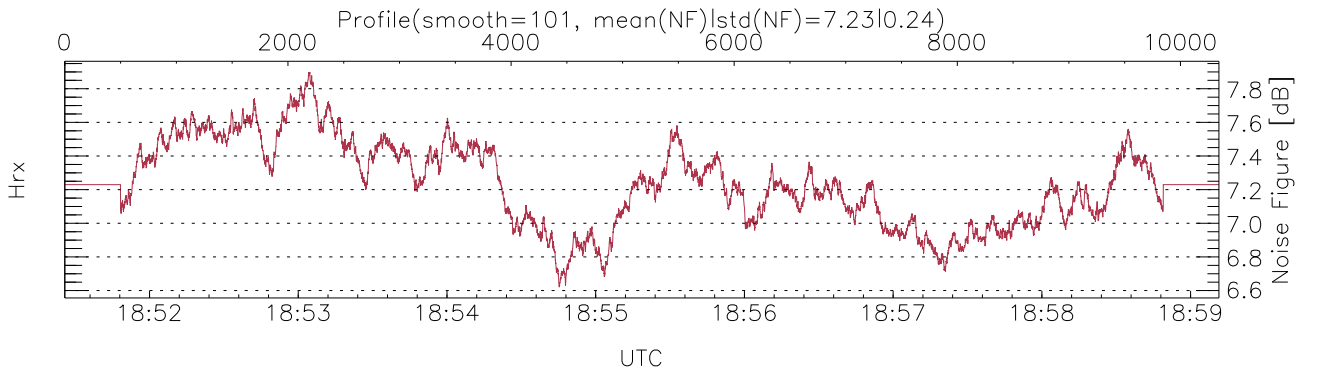
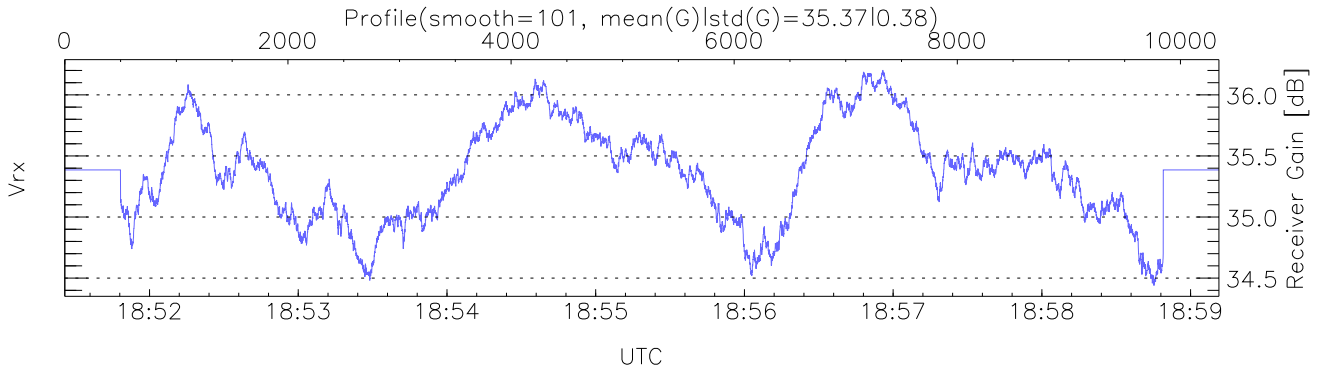
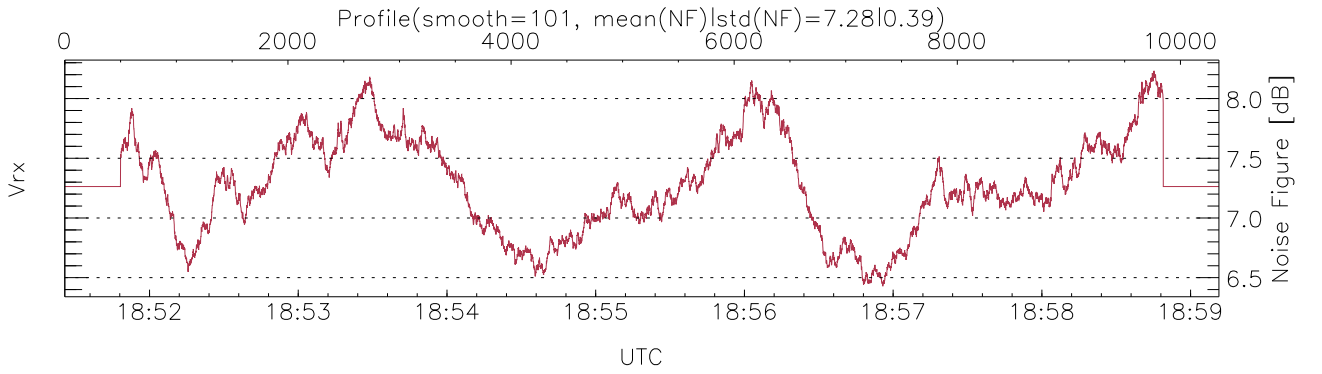
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:51:26-18:59:11, TimeCor: 0.00s, Dur: 465.64s
 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): 10346/10346, 0-10345/18:51:26-18:59:11
 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



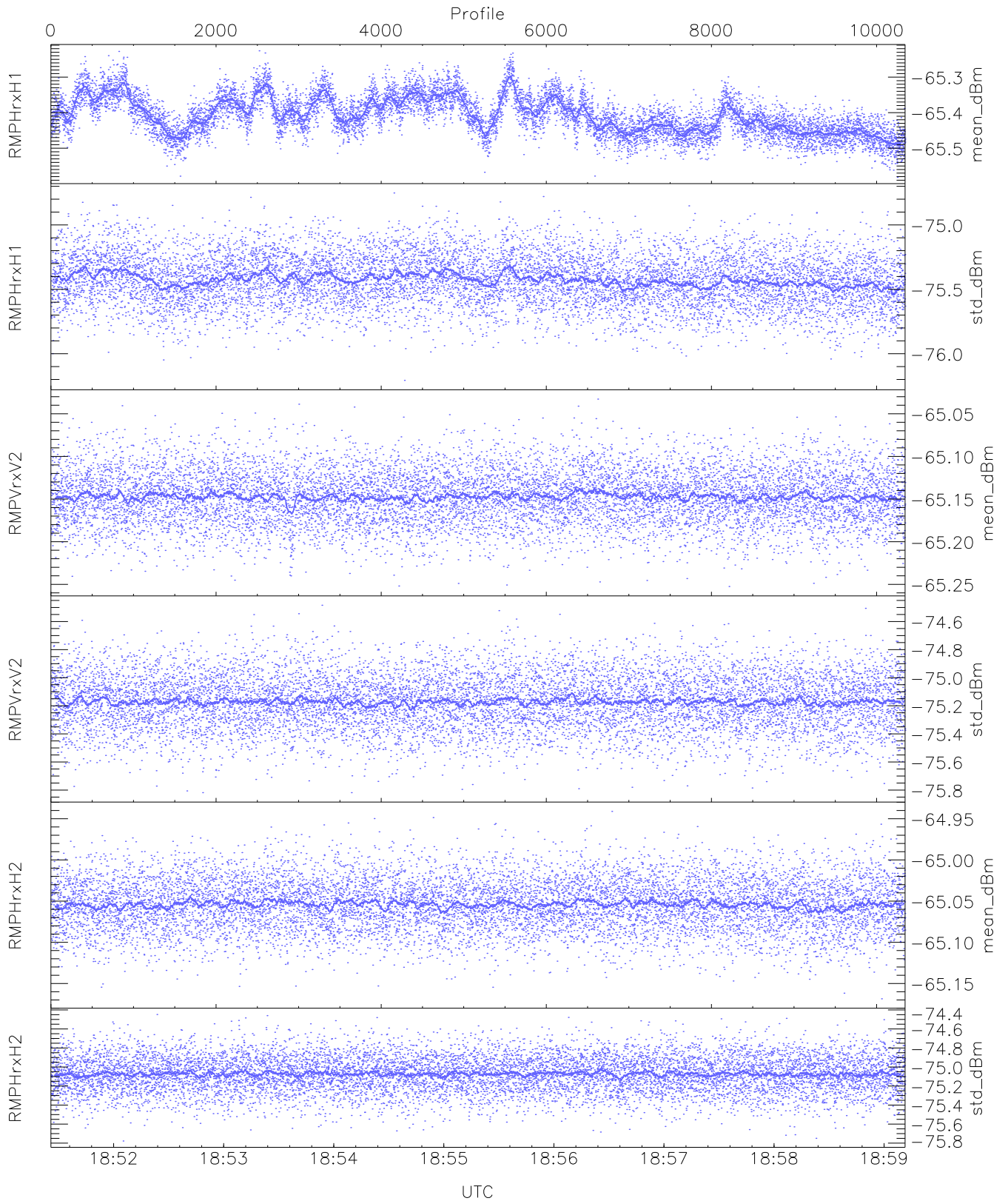
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,29,31,31,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,32,32,33
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



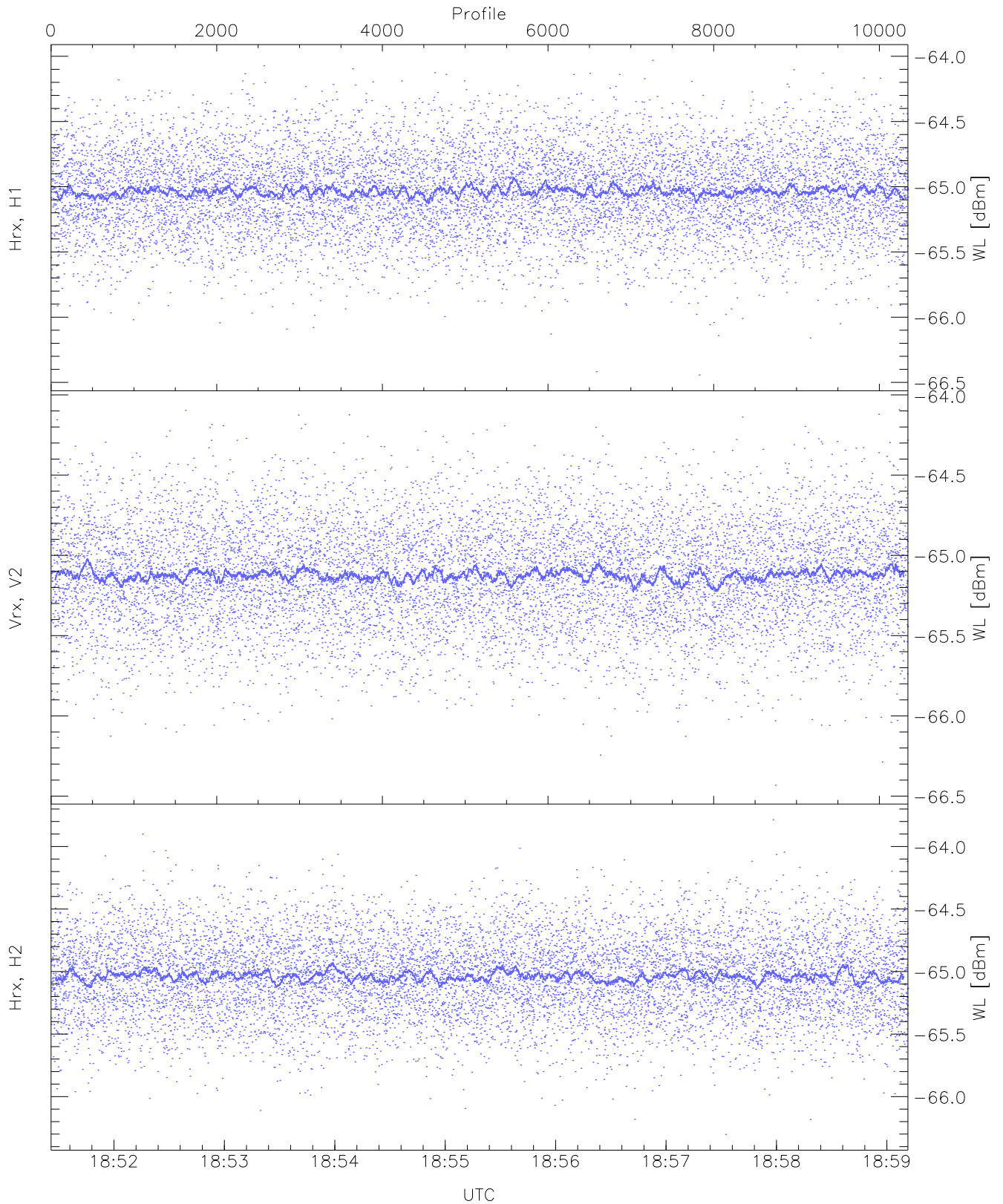
WCR3 CPP Receivers Gain and Noise Figure

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



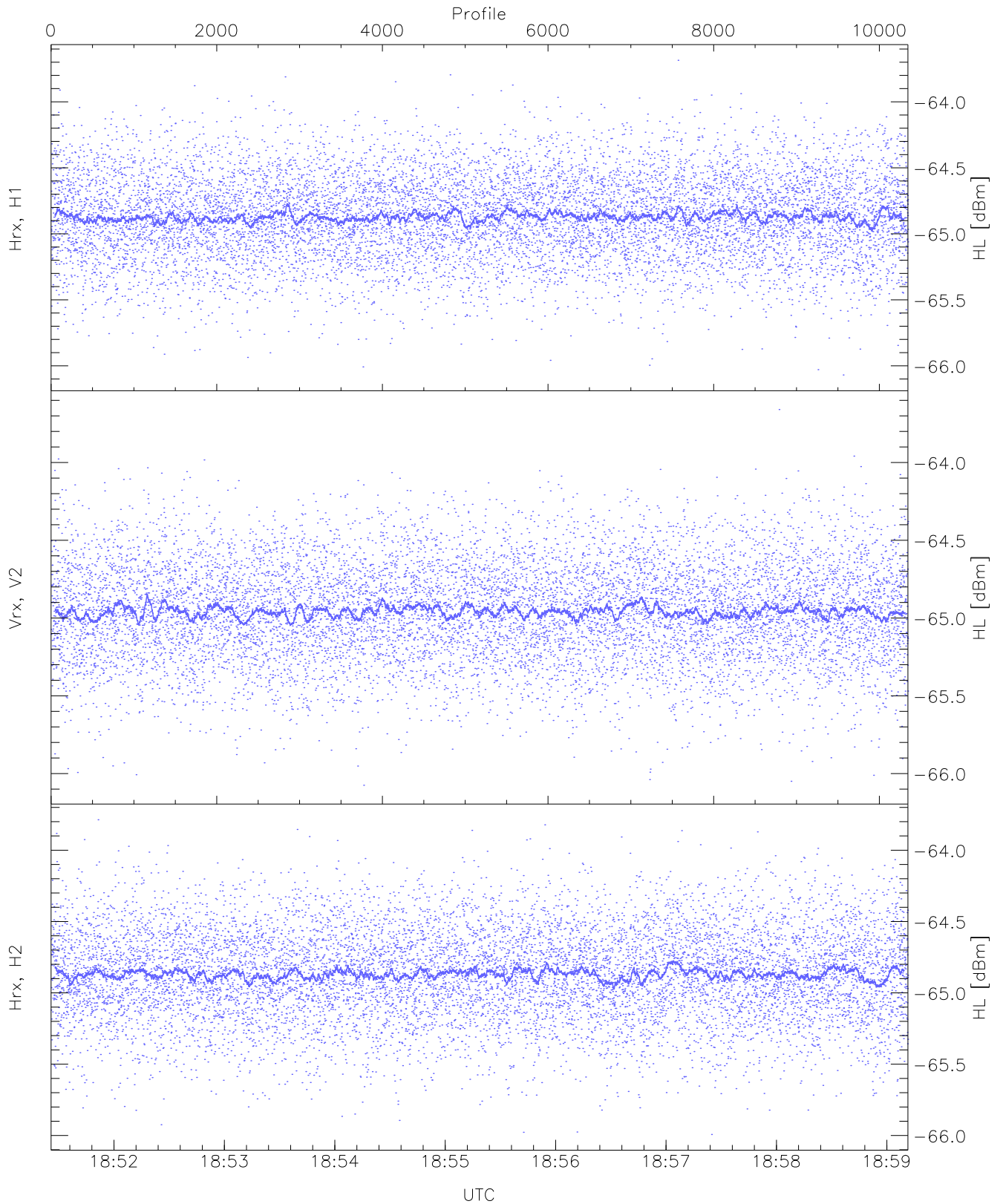
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.58	-65.23	-65.41	-65.41	-84.42
RMPHrxH1(std_dBm)	-76.21	-74.75	-75.42	-75.43	-89.08
RMPVrxV2(mean_dBm)	-65.25	-65.03	-65.15	-65.15	-86.75
RMPVrxV2(std_dBm)	-75.82	-74.48	-75.17	-75.17	-88.92
RMPHrxH2(mean_dBm)	-65.17	-64.94	-65.05	-65.05	-86.70
RMPHrxH2(std_dBm)	-75.78	-74.45	-75.07	-75.07	-88.88



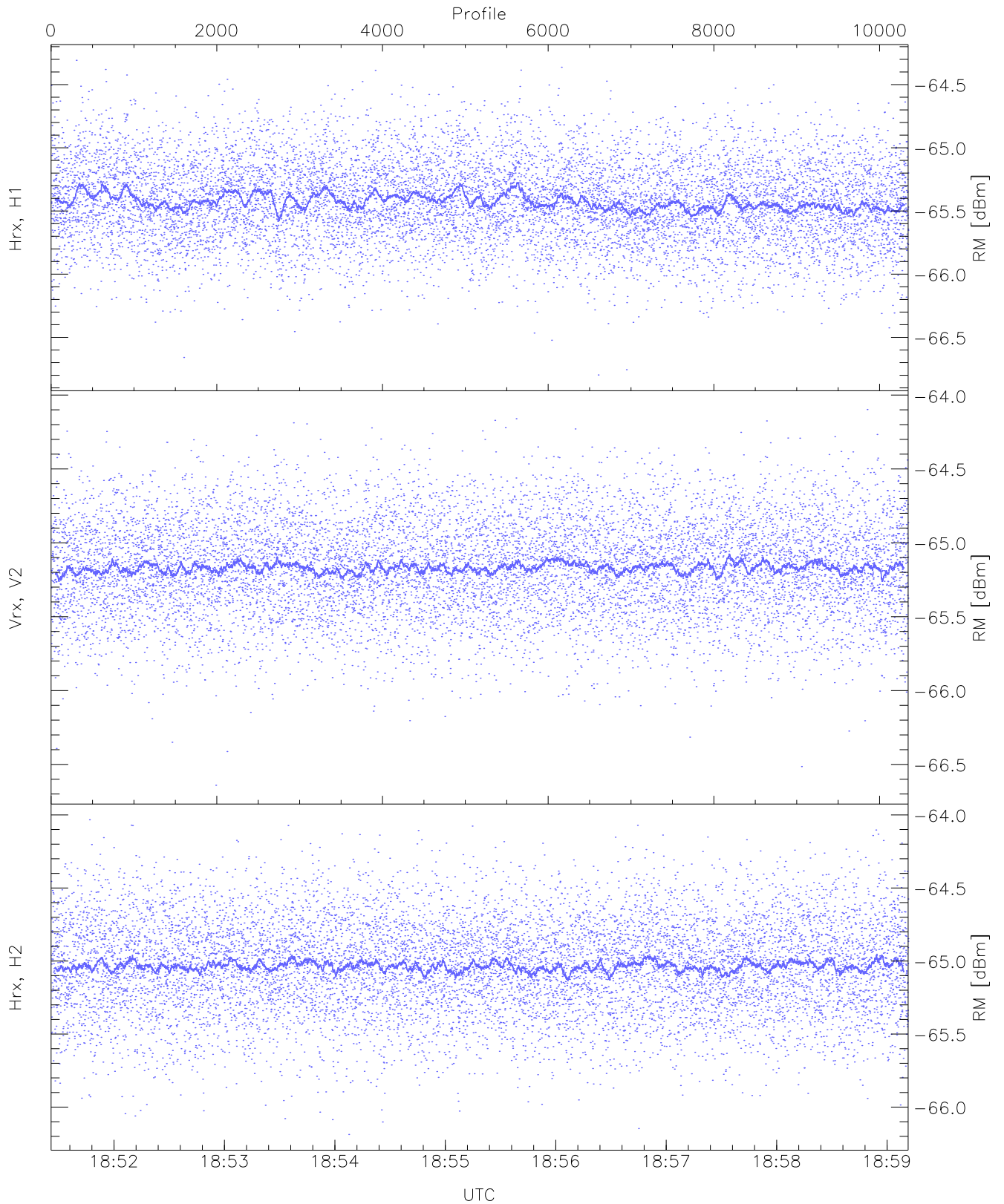
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.44	-64.03	-65.03	-65.03	-76.57
Vrx, V2 (WL [dBm])	-66.43	-64.09	-65.12	-65.12	-76.67
Hrx, H2 (WL [dBm])	-66.30	-63.79	-65.03	-65.04	-76.54



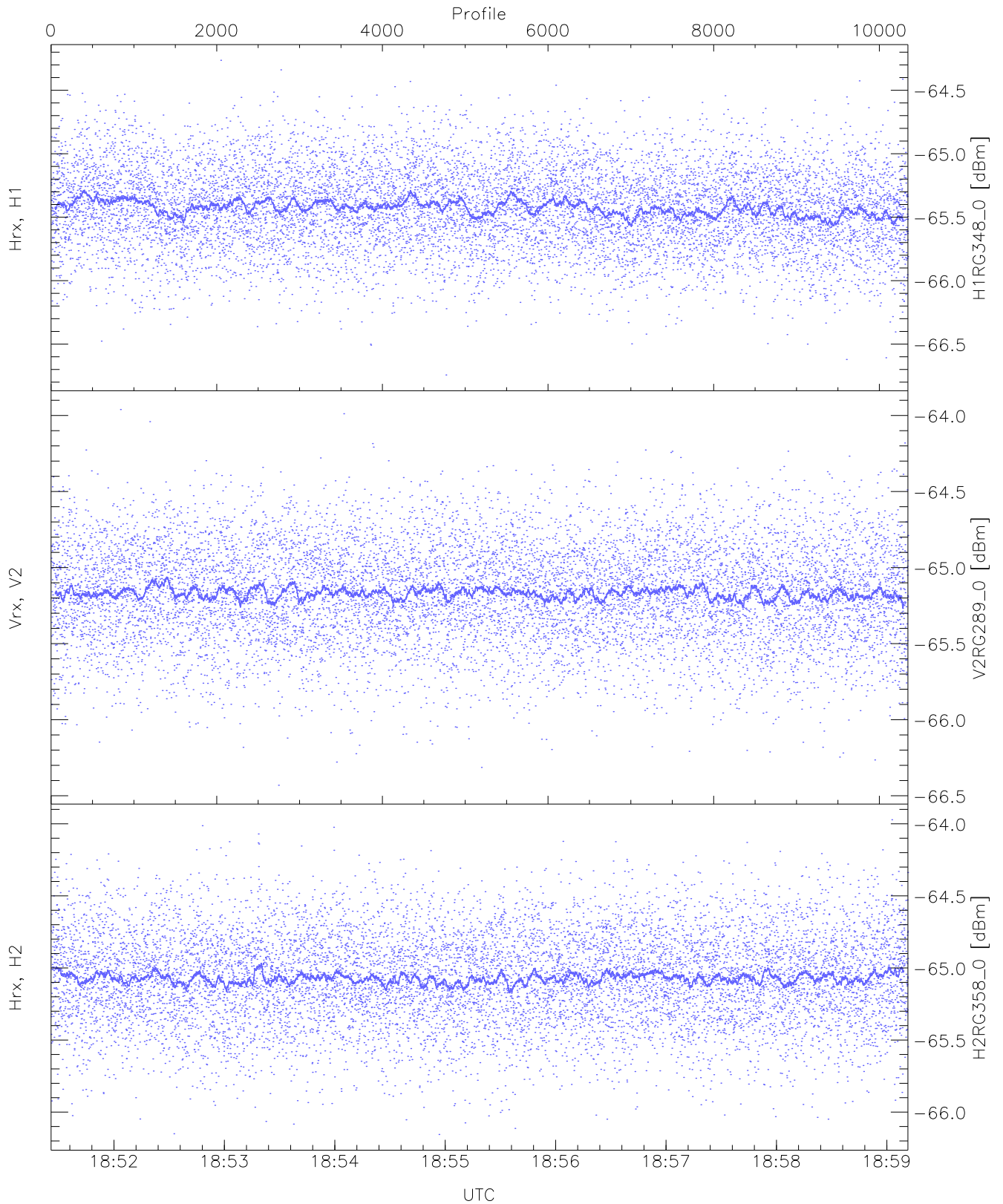
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.07	-63.69	-64.86	-64.87	-76.36
Vrx, V2 (HL [dBm])	-66.08	-63.66	-64.95	-64.96	-76.52
Hrx, H2 (HL [dBm])	-65.99	-63.79	-64.86	-64.87	-76.39



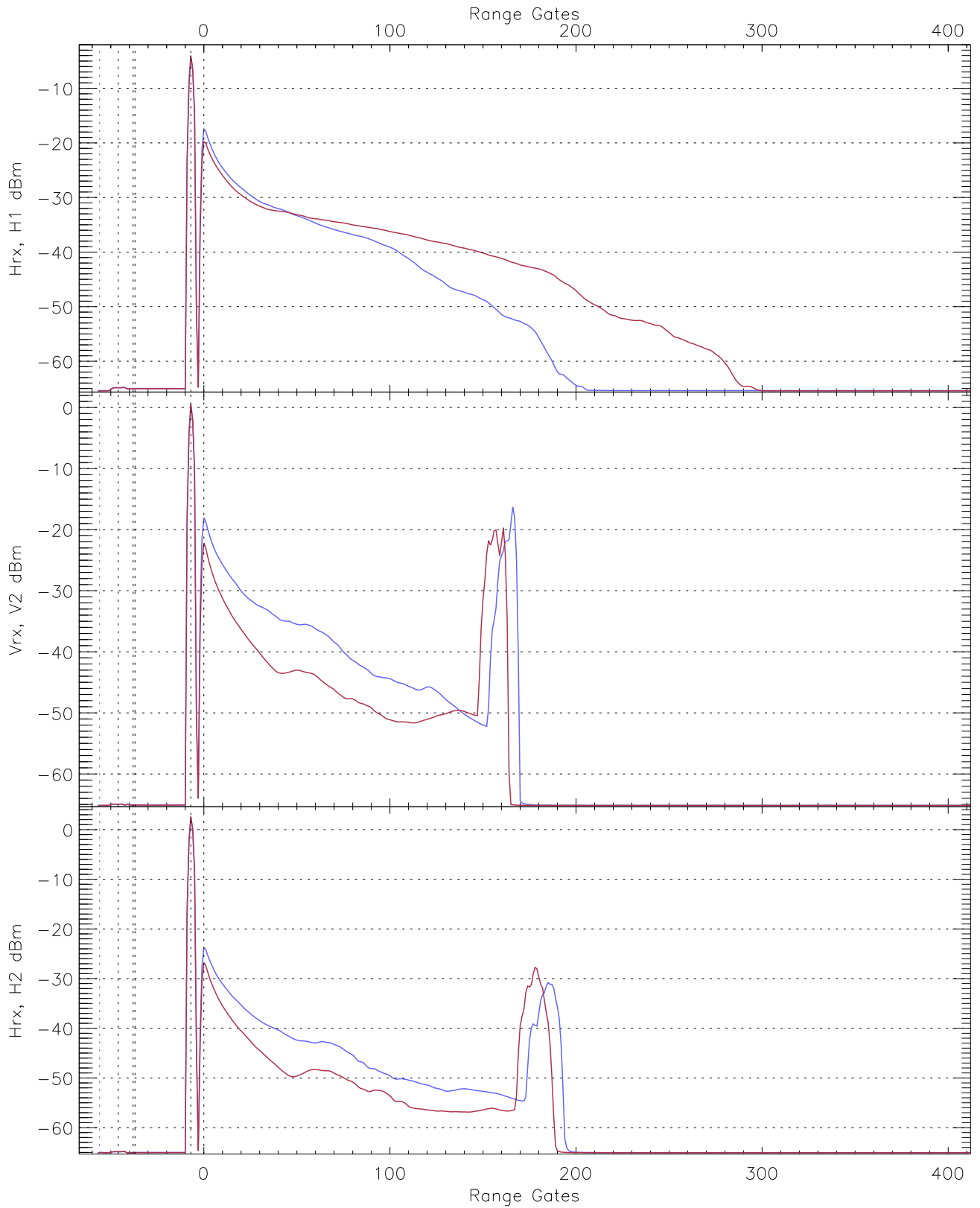
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.80	-64.31	-65.42	-65.43	-76.88
Vrx, V2 (RM [dBm])	-66.64	-64.10	-65.16	-65.17	-76.66
Hrx, H2 (RM [dBm])	-66.19	-64.03	-65.03	-65.03	-76.54

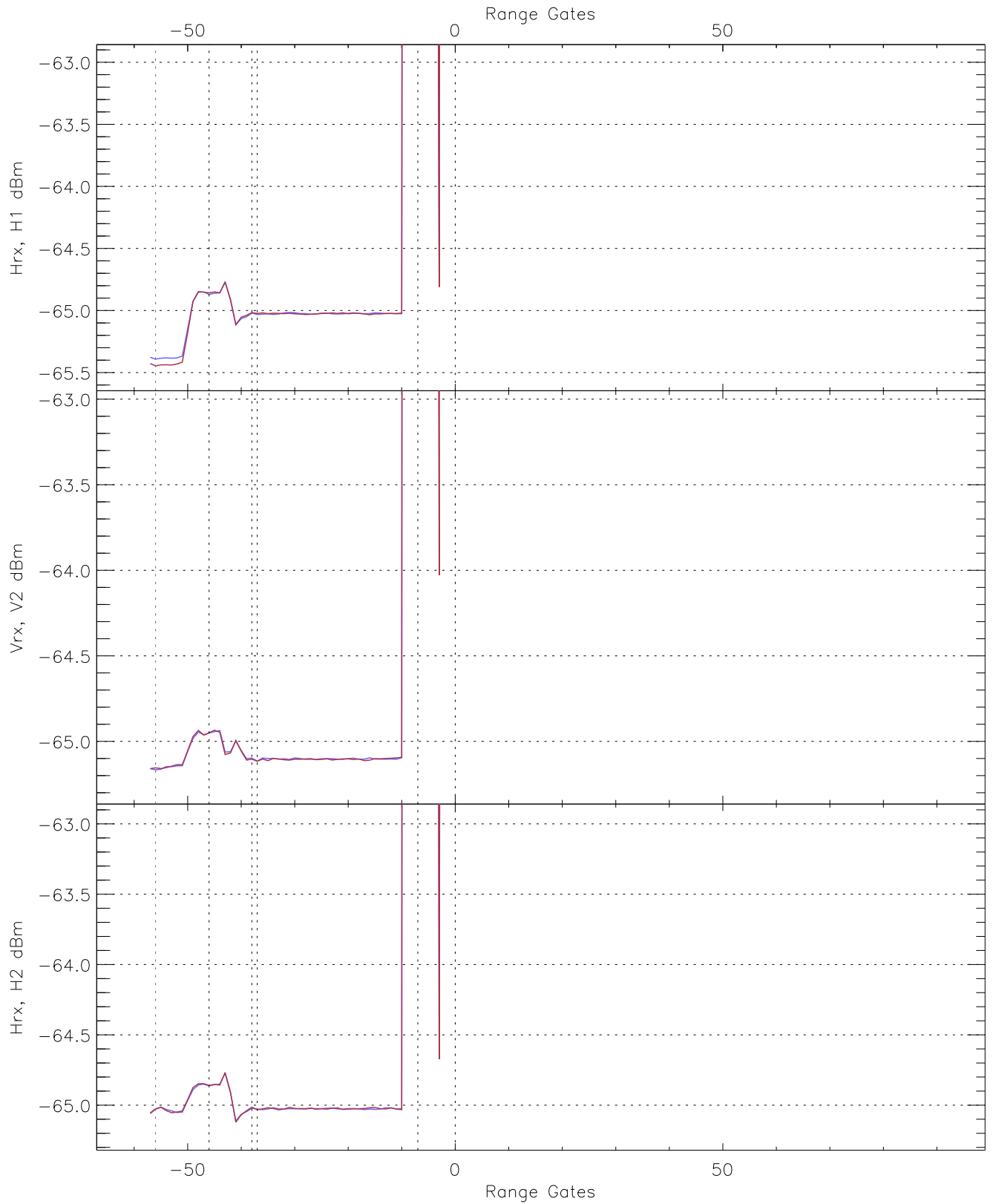


WCR3 CPP "Best" estimate Receivers Noise Power

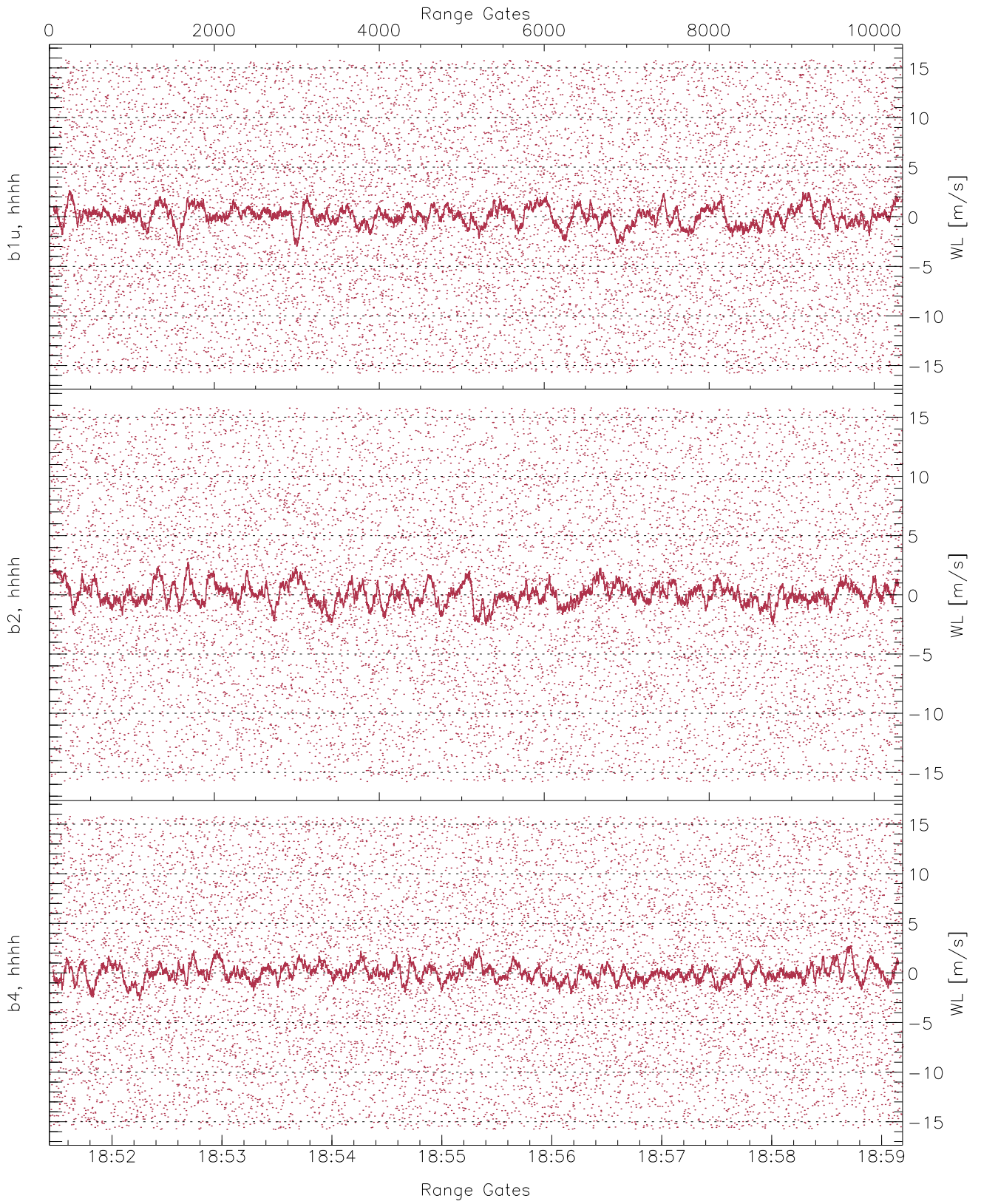
	Min	Max	Mean	Median	StDev
H1RG348_0 [dBm]	-66.74	-64.26	-65.42	-65.43	-76.88
V2RG289_0 [dBm]	-66.43	-63.96	-65.16	-65.17	-76.64
H2RG358_0 [dBm]	-66.16	-63.97	-65.06	-65.07	-76.57



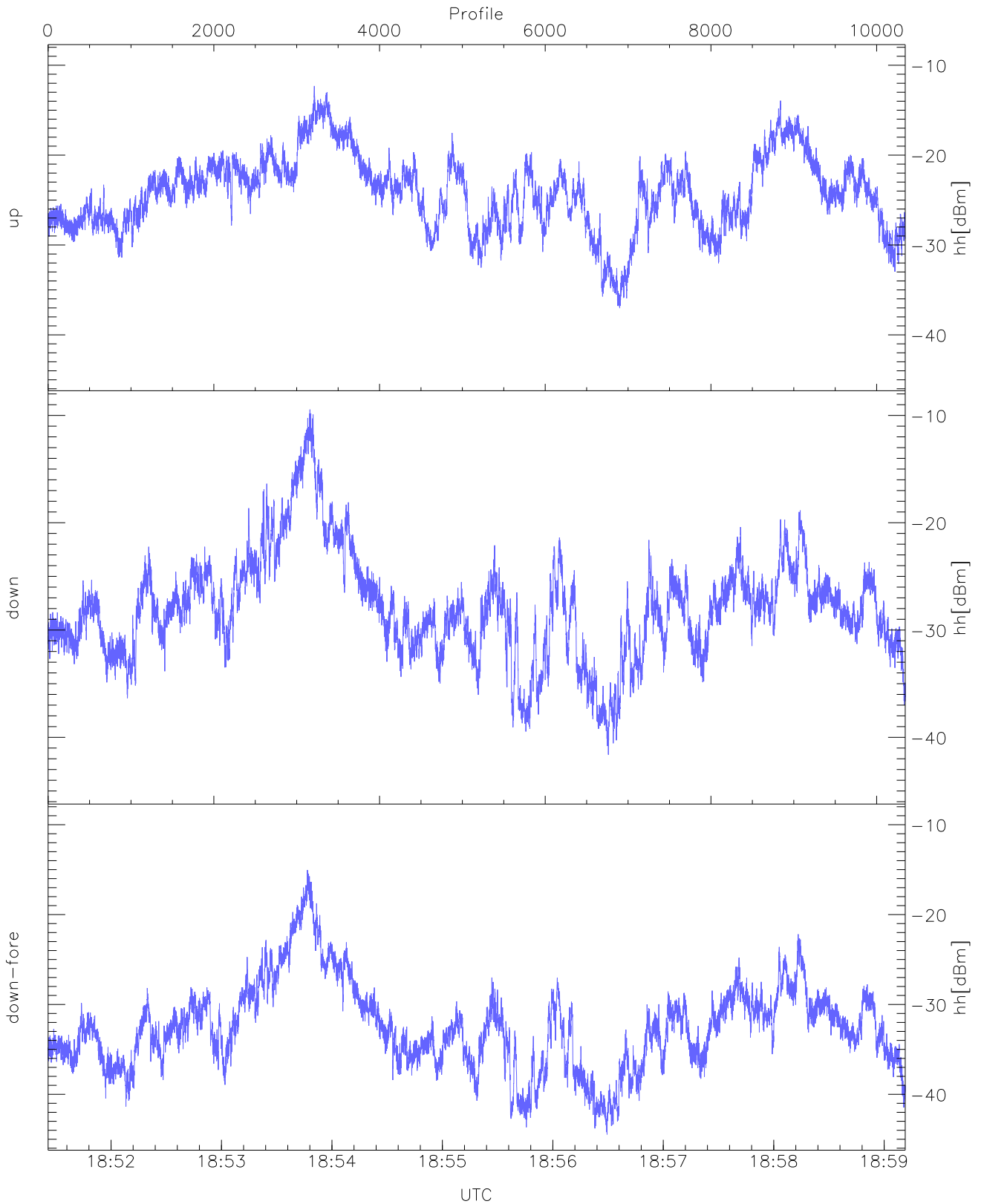
WCR3 CPP Averaged Received power for all recorded gates
blue: 185126-185519, 5174 profiles averaged
red: 185519-185911, 5173 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 185126-185519, 5174 profiles averaged
red: 185519-185911, 5173 profiles averaged

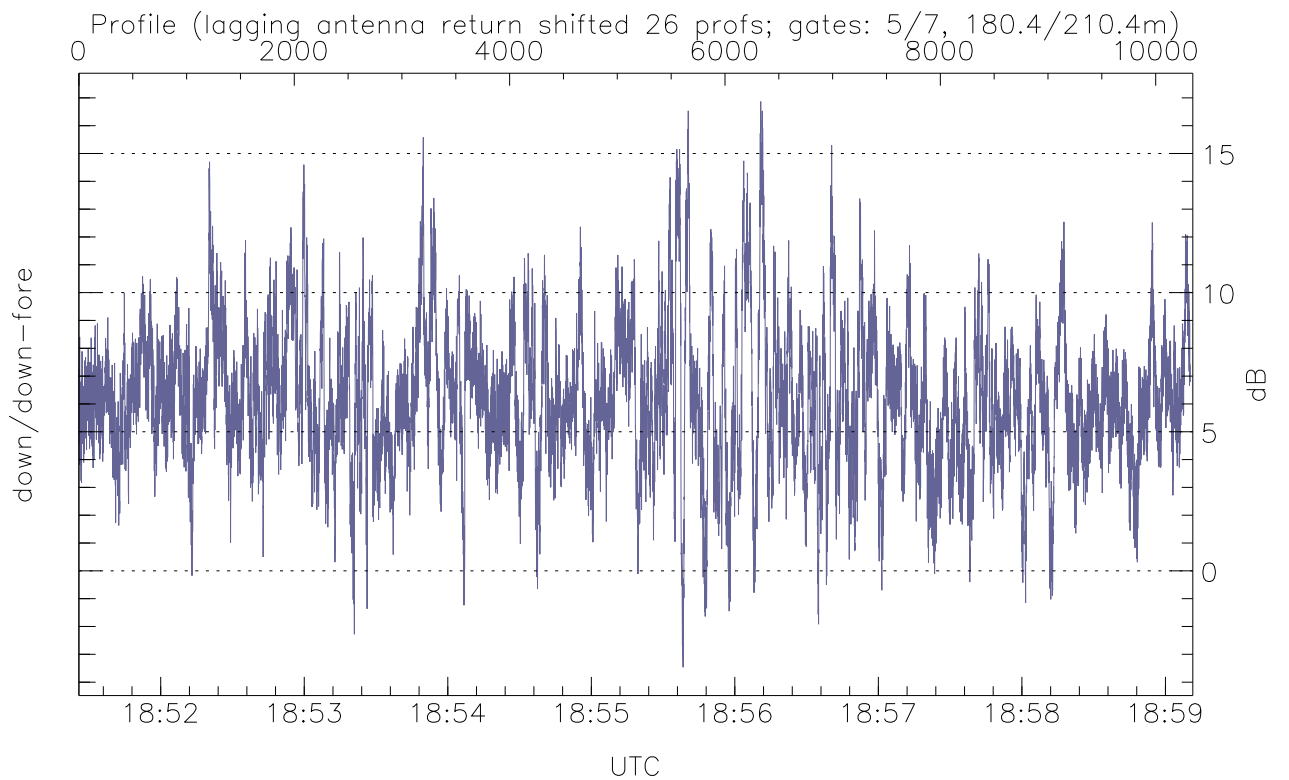
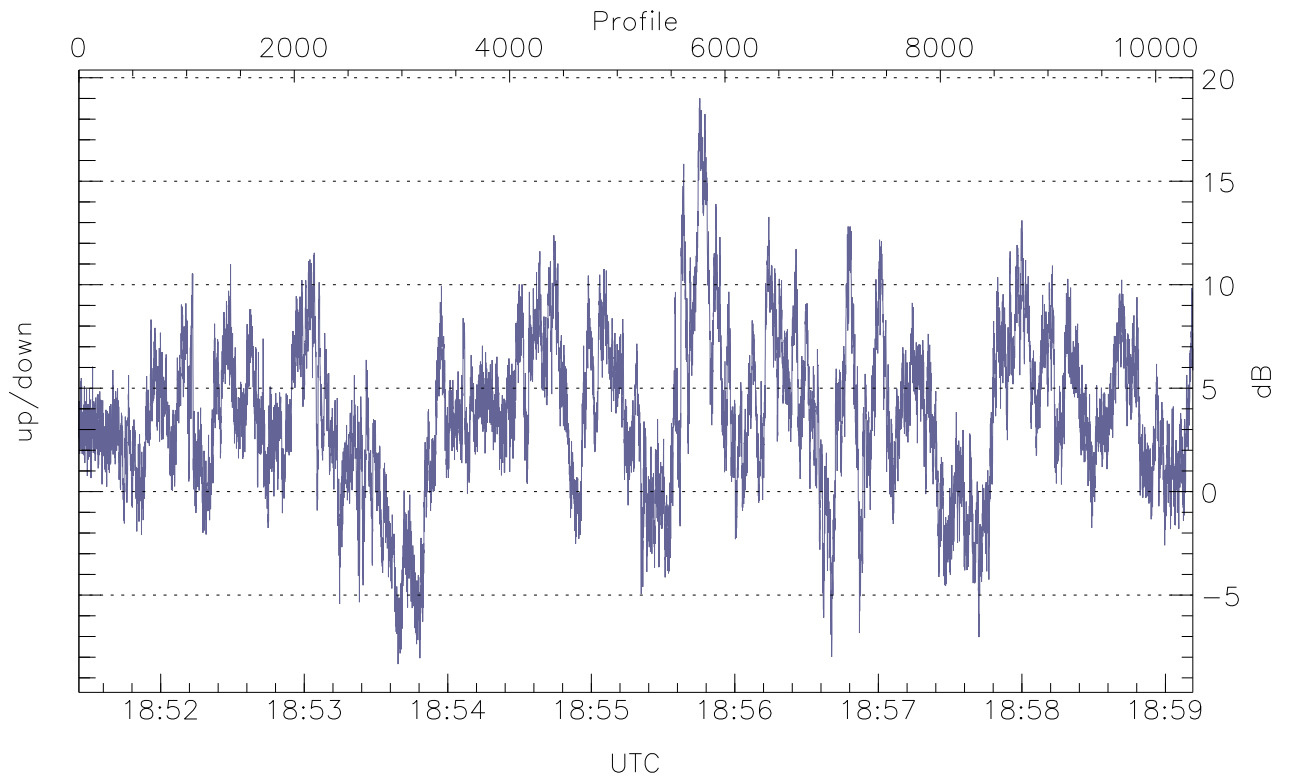


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



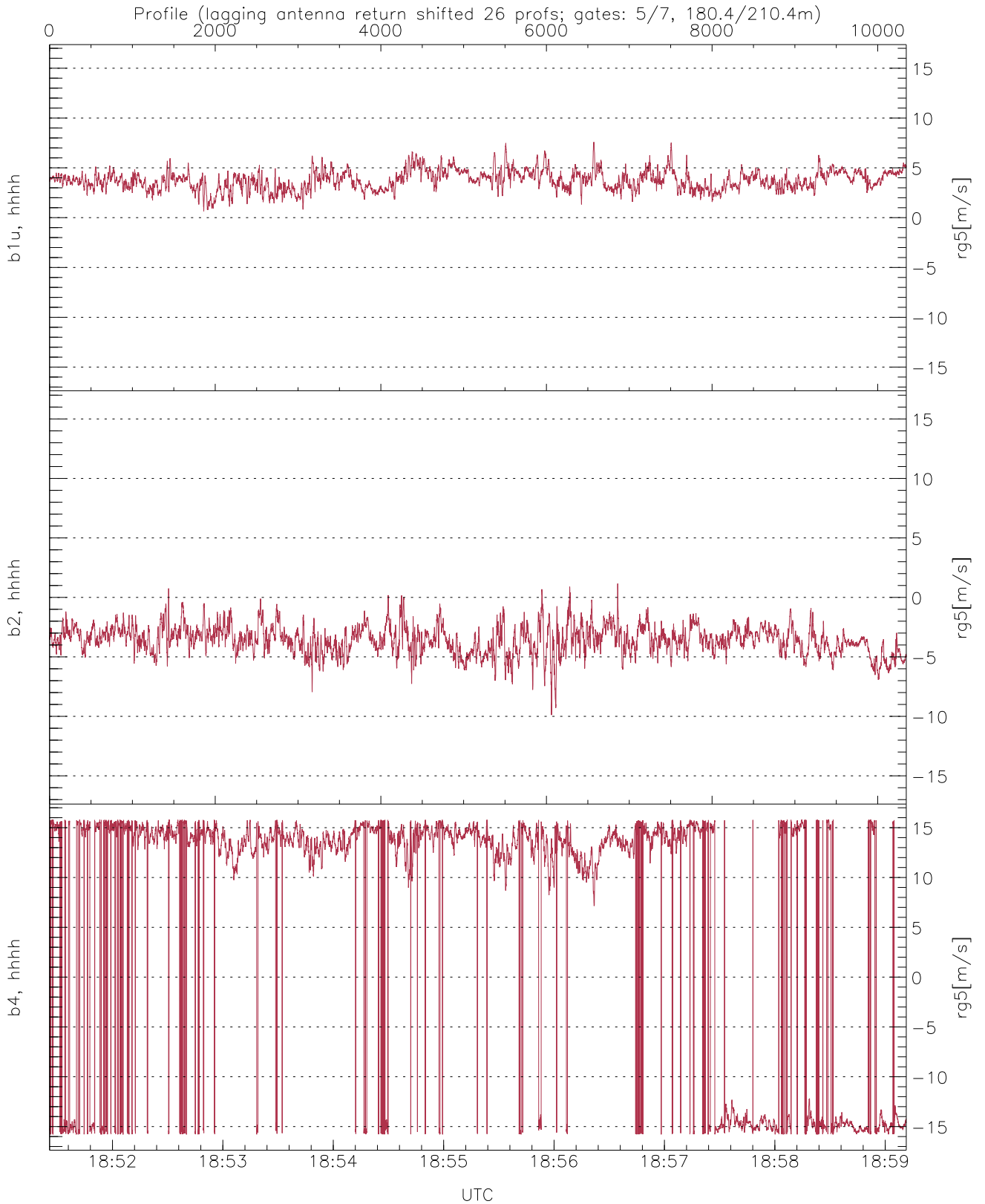
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-37.03	-12.31	-22.34
down(hh[dBm])	-41.62	-9.45	-24.45
down-fore(hh[dBm])	-44.47	-15.05	-29.39



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

	Min	Max	Mean
up/down (dB)	-8.33	19.01	3.68
down/down-fore (dB)	-3.47	16.87	6.20



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.66	7.59	3.75	0.96
b2, hhhh(rg5[m/s])	-9.89	1.16	-3.58	1.20
b4, hhhh(rg5[m/s])	-15.79	15.79	6.34	12.80