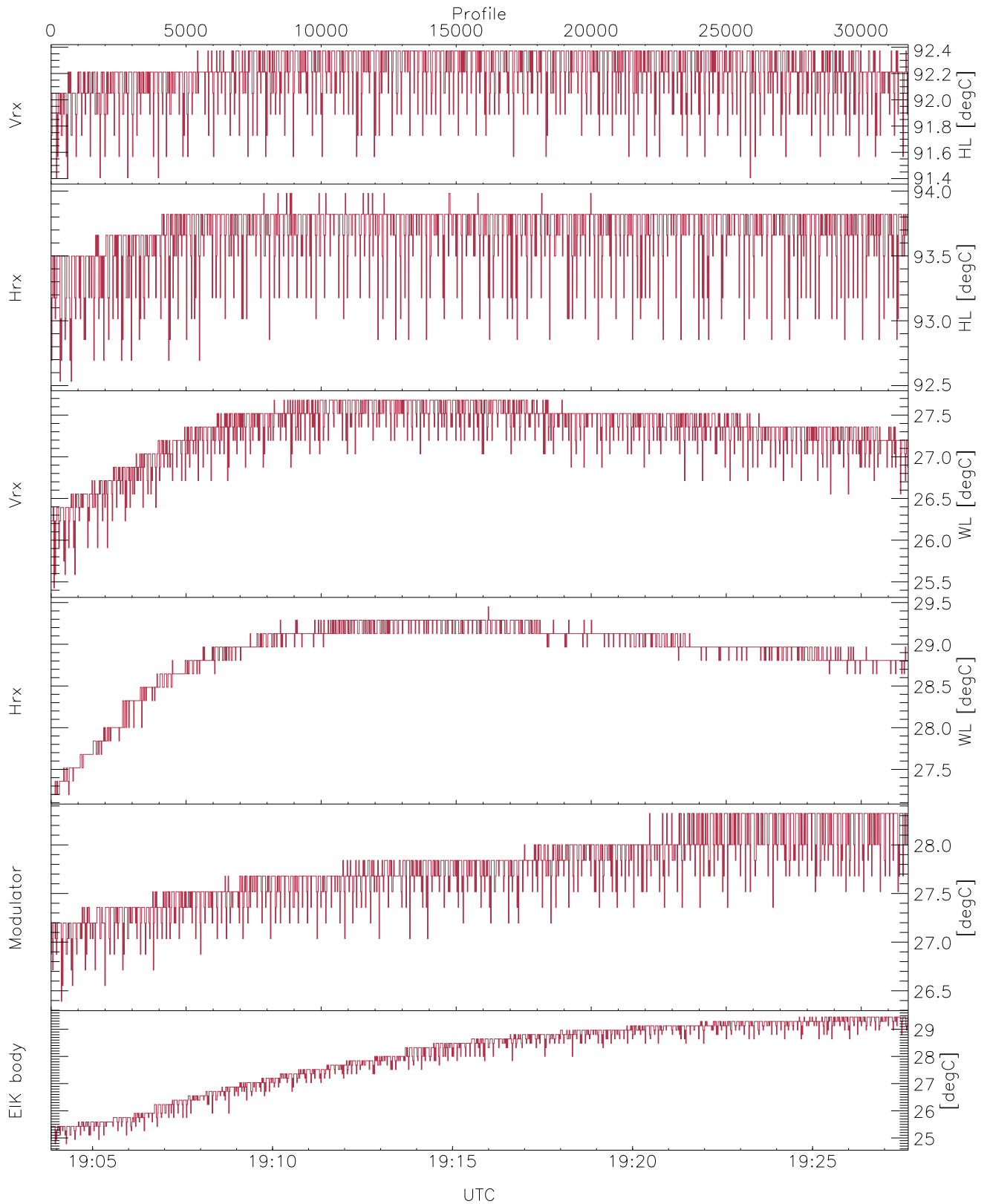


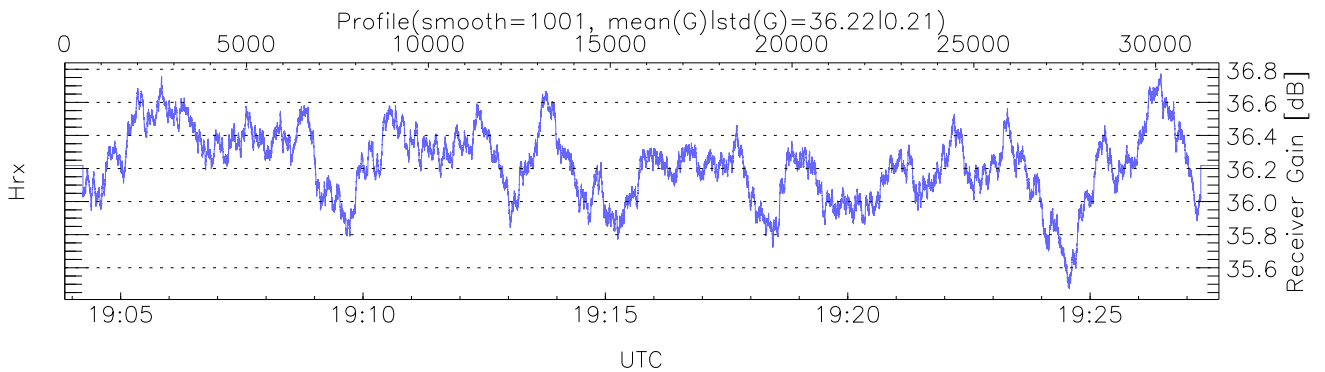
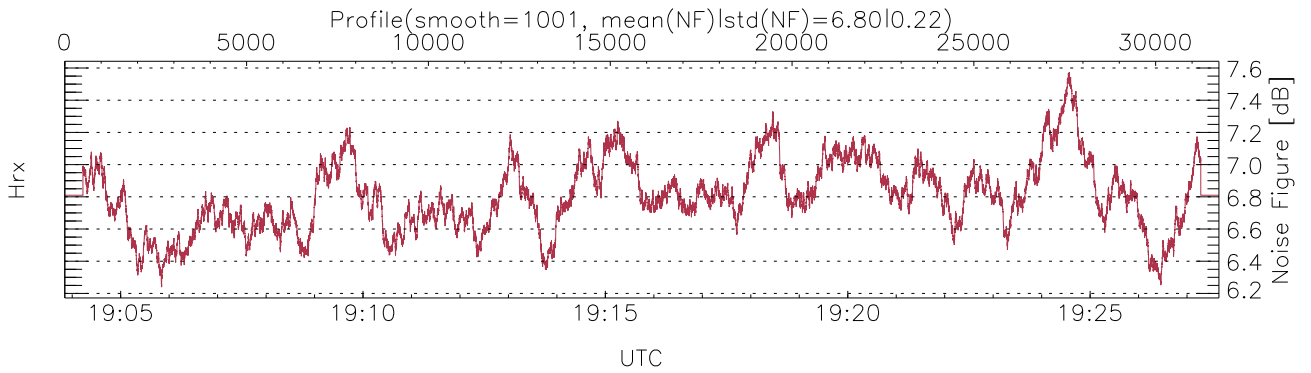
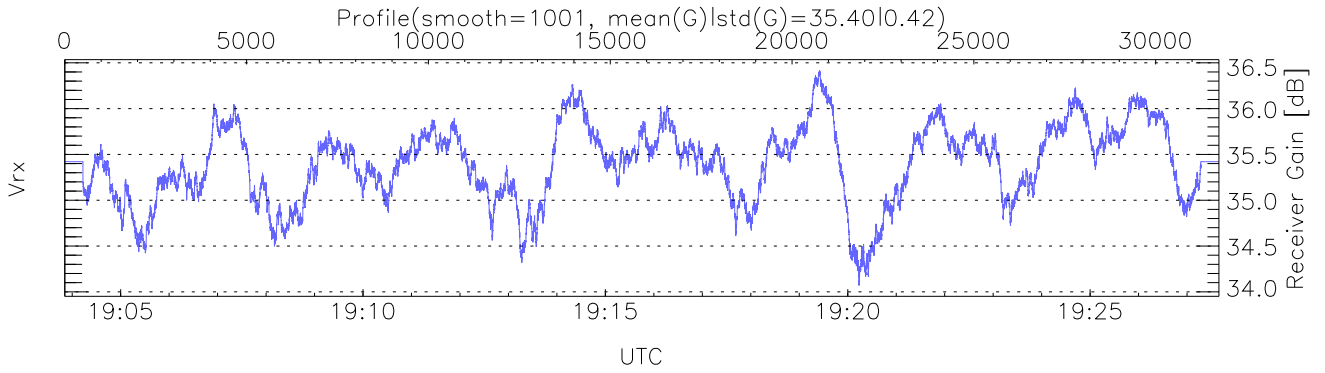
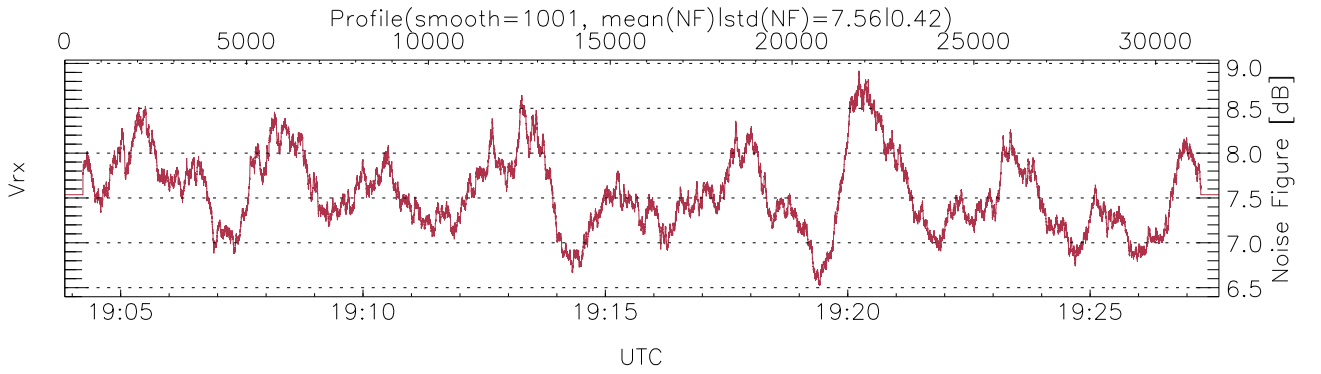
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:03:51-19:27:39, 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, 0-31740/19:03:51-19:27:39
 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



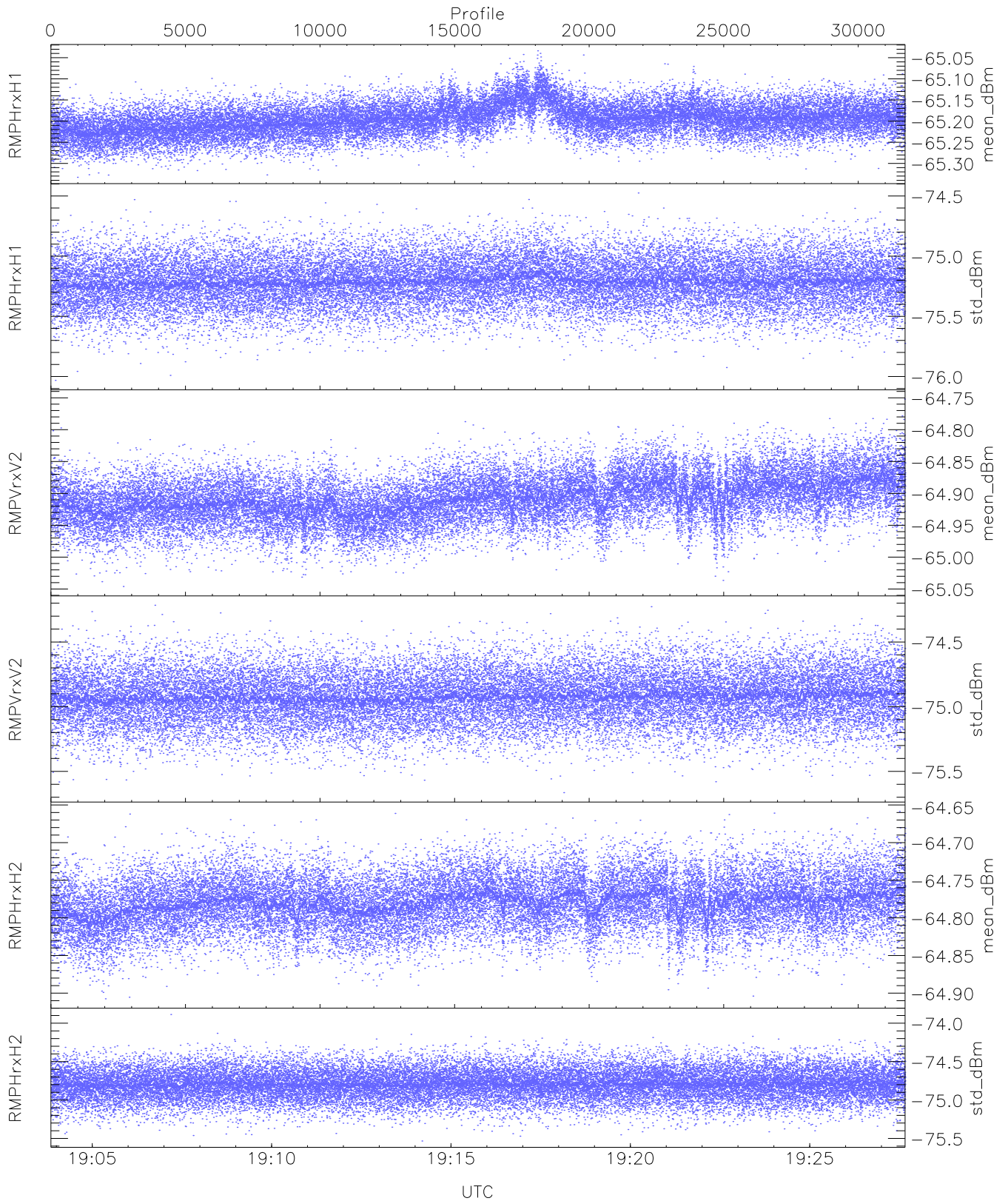
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,26,24
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,27,29,28,29
 LOalarm(20,240,2817,14861 MHz): 0,0,68,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,Fault2,DeckF,OverDuty,HVPS,Fault1 (66,66,66,66,66,66,66)



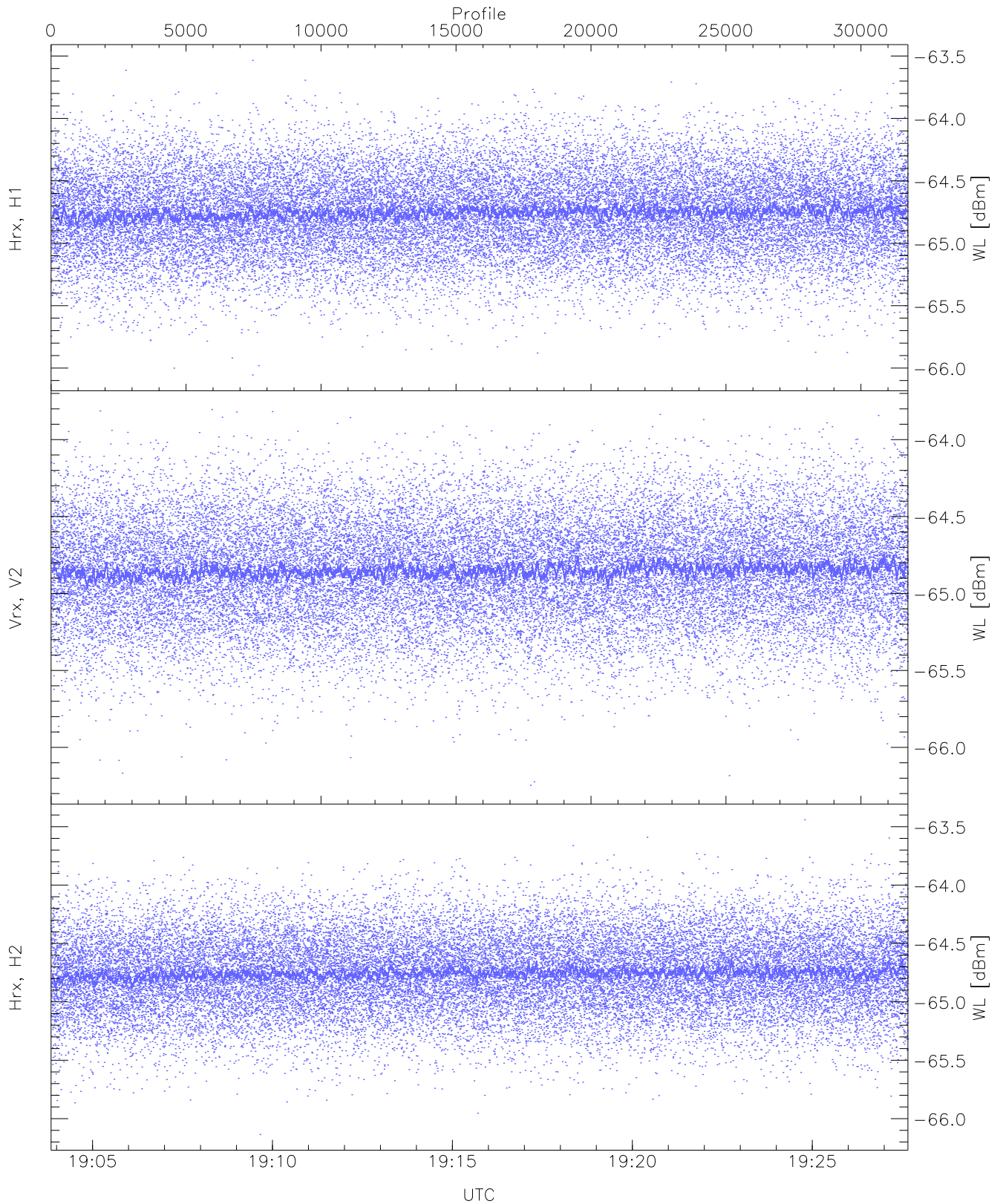
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 2 pixs, 1 gates, 2 profs, 1 prod(s)



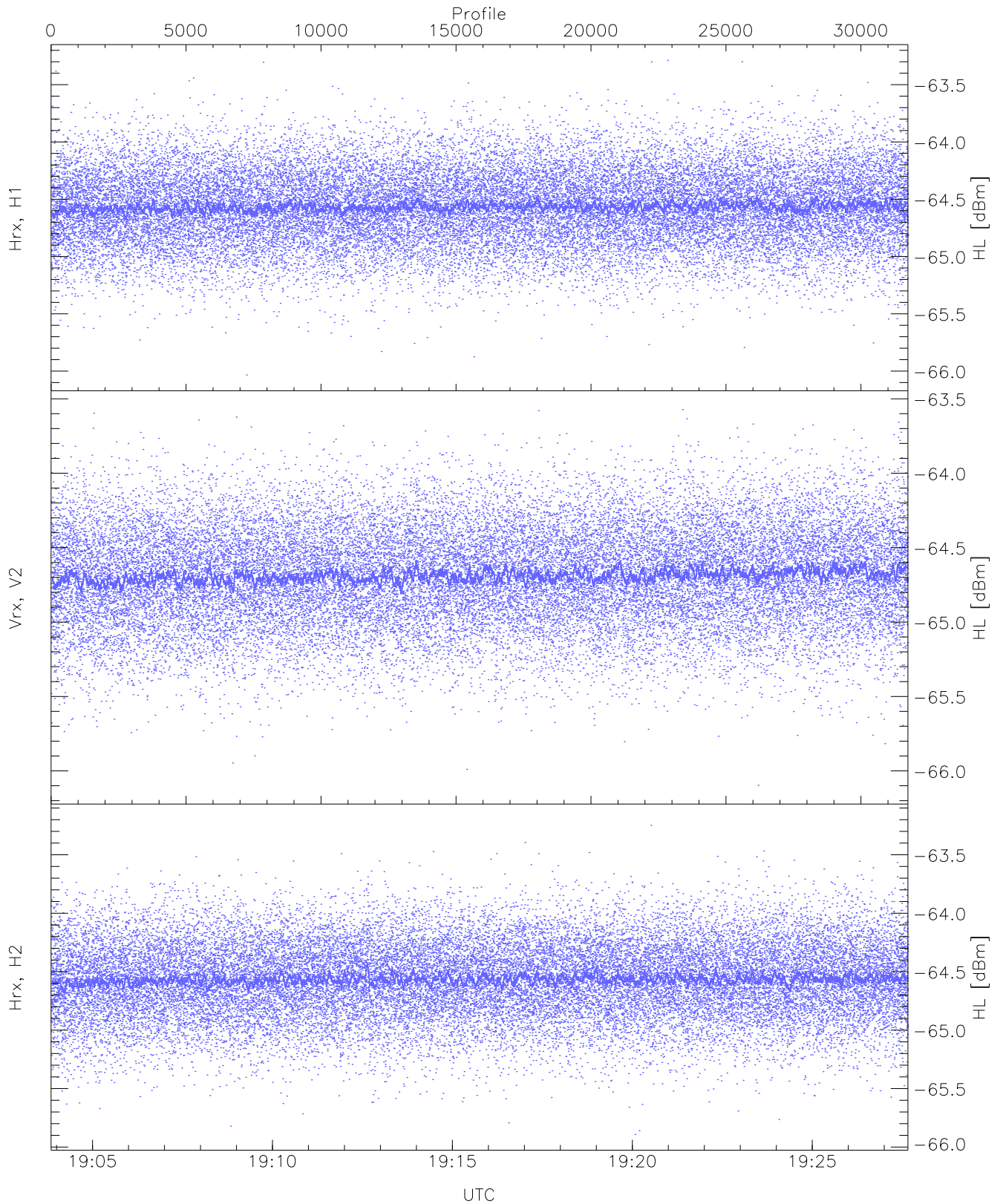
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.33	-65.03	-65.20	-65.20	-85.98
RMPHrxH1(std_dBm)	-76.03	-74.47	-75.21	-75.21	-89.01
RMPVrxV2(mean_dBm)	-65.05	-64.75	-64.91	-64.91	-85.80
RMPVrxV2(std_dBm)	-75.66	-74.22	-74.93	-74.93	-88.71
RMPHrxH2(mean_dBm)	-64.91	-64.66	-64.78	-64.78	-86.10
RMPHrxH2(std_dBm)	-75.53	-73.89	-74.79	-74.80	-88.59



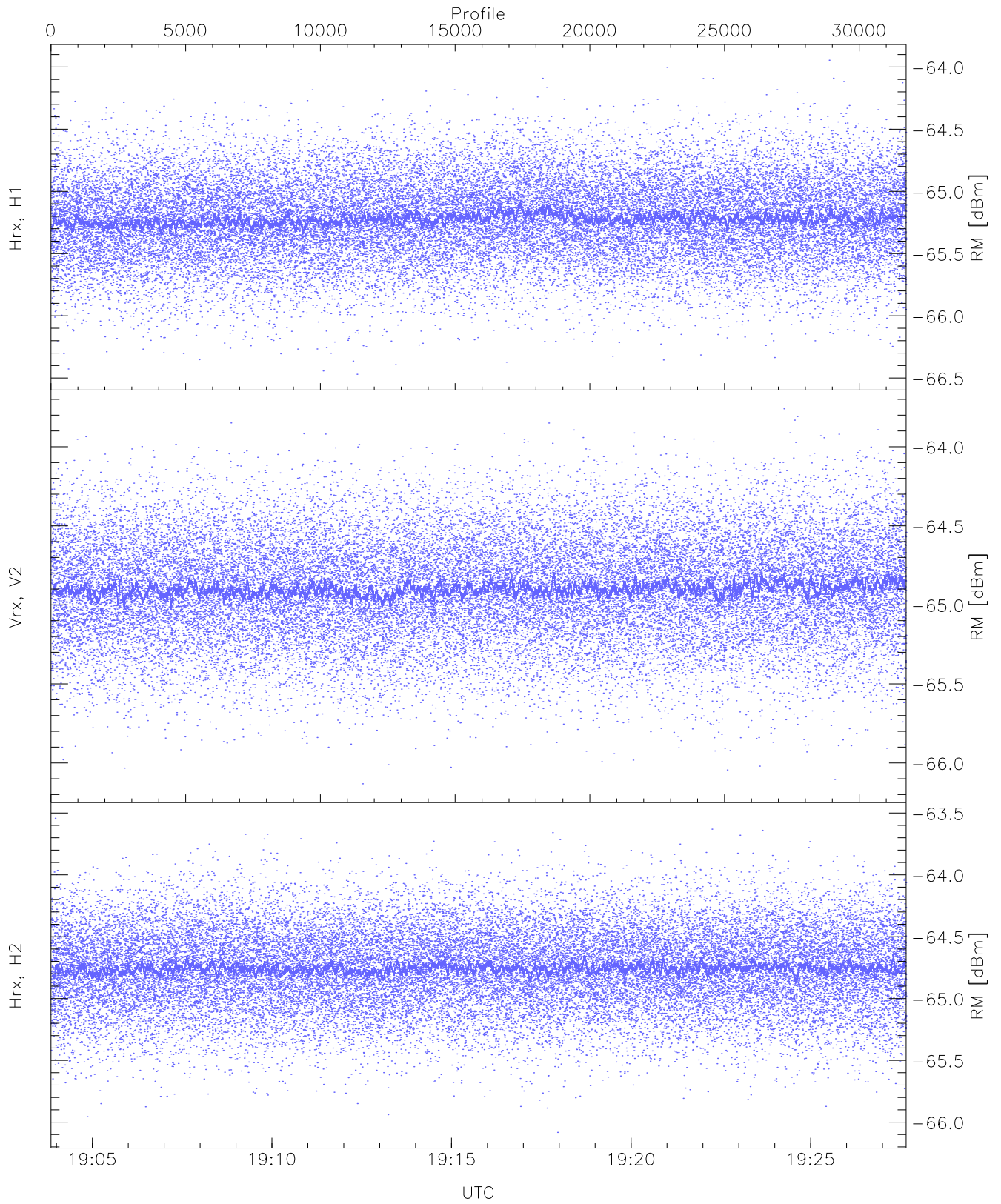
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.06	-63.53	-64.75	-64.76	-76.24
Vrx, V2 (WL [dBm])	-66.25	-63.80	-64.84	-64.85	-76.34
Hrx, H2 (WL [dBm])	-66.14	-63.44	-64.75	-64.76	-76.26



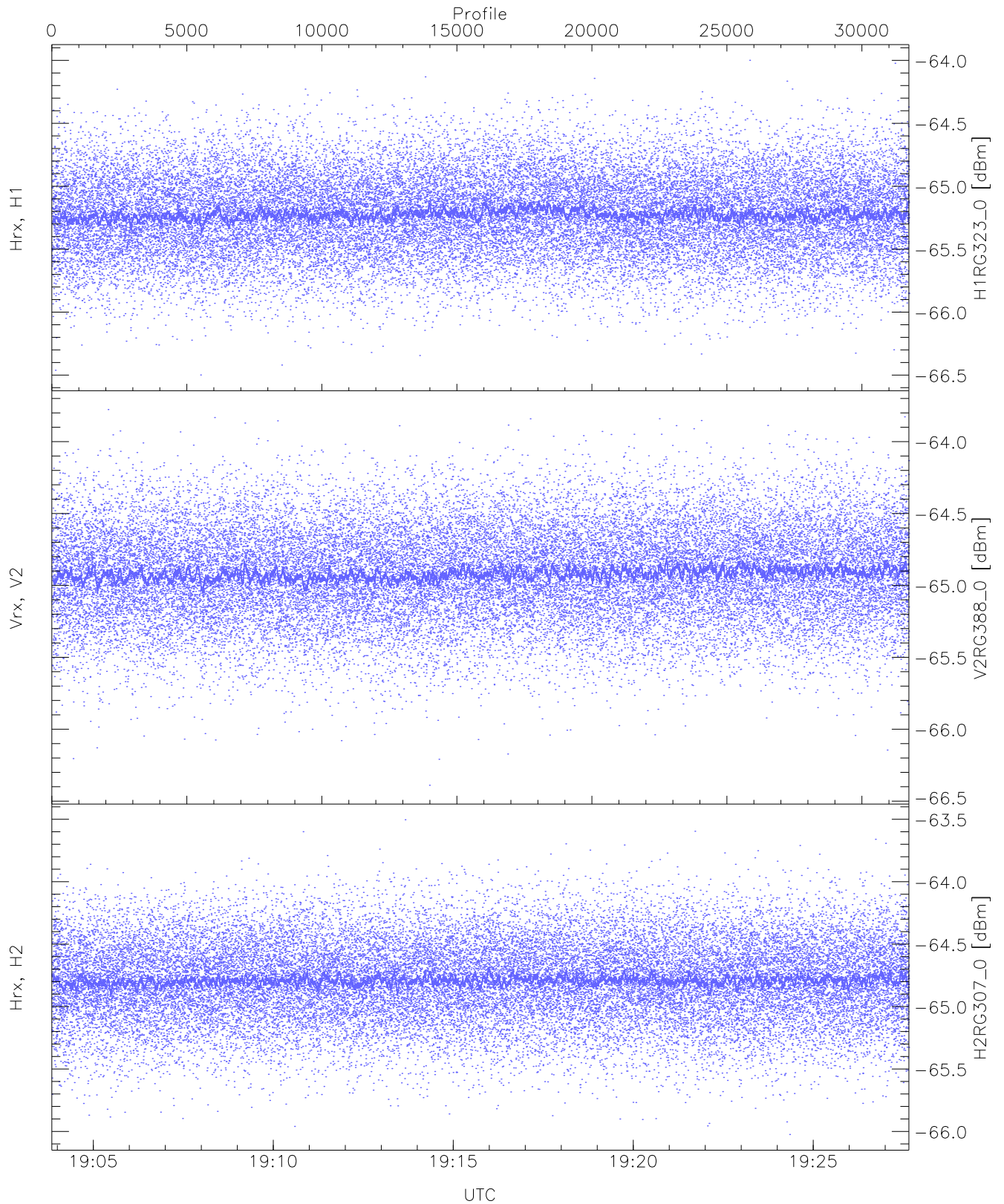
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.03	-63.29	-64.56	-64.57	-76.06
Vrx, V2 (HL [dBm])	-66.10	-63.57	-64.68	-64.69	-76.17
Hrx, H2 (HL [dBm])	-65.89	-63.20	-64.56	-64.57	-76.08



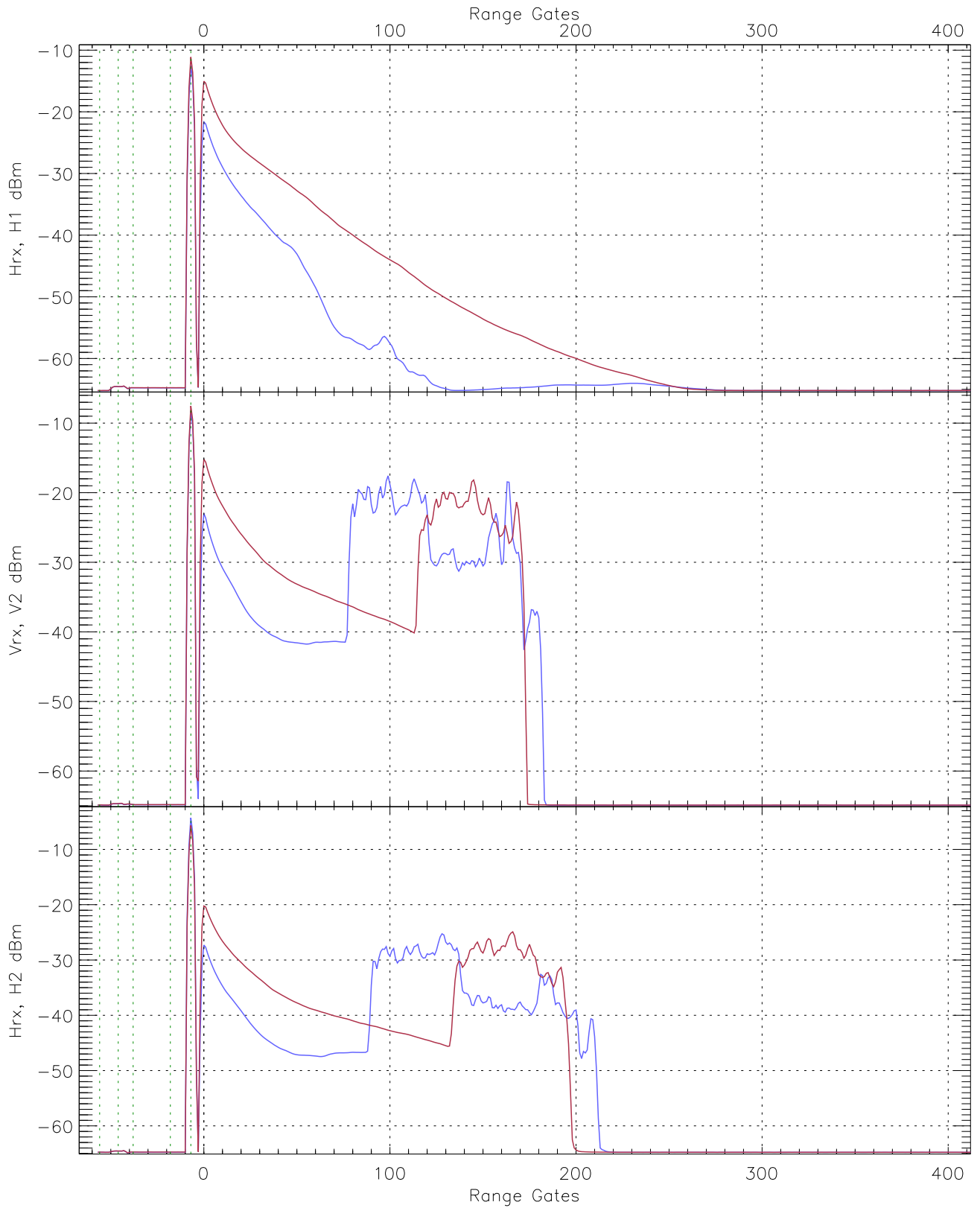
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.47	-63.95	-65.22	-65.23	-76.69
Vrx, V2 (RM [dBm])	-66.13	-63.76	-64.89	-64.90	-76.43
Hrx, H2 (RM [dBm])	-66.08	-63.54	-64.75	-64.76	-76.25

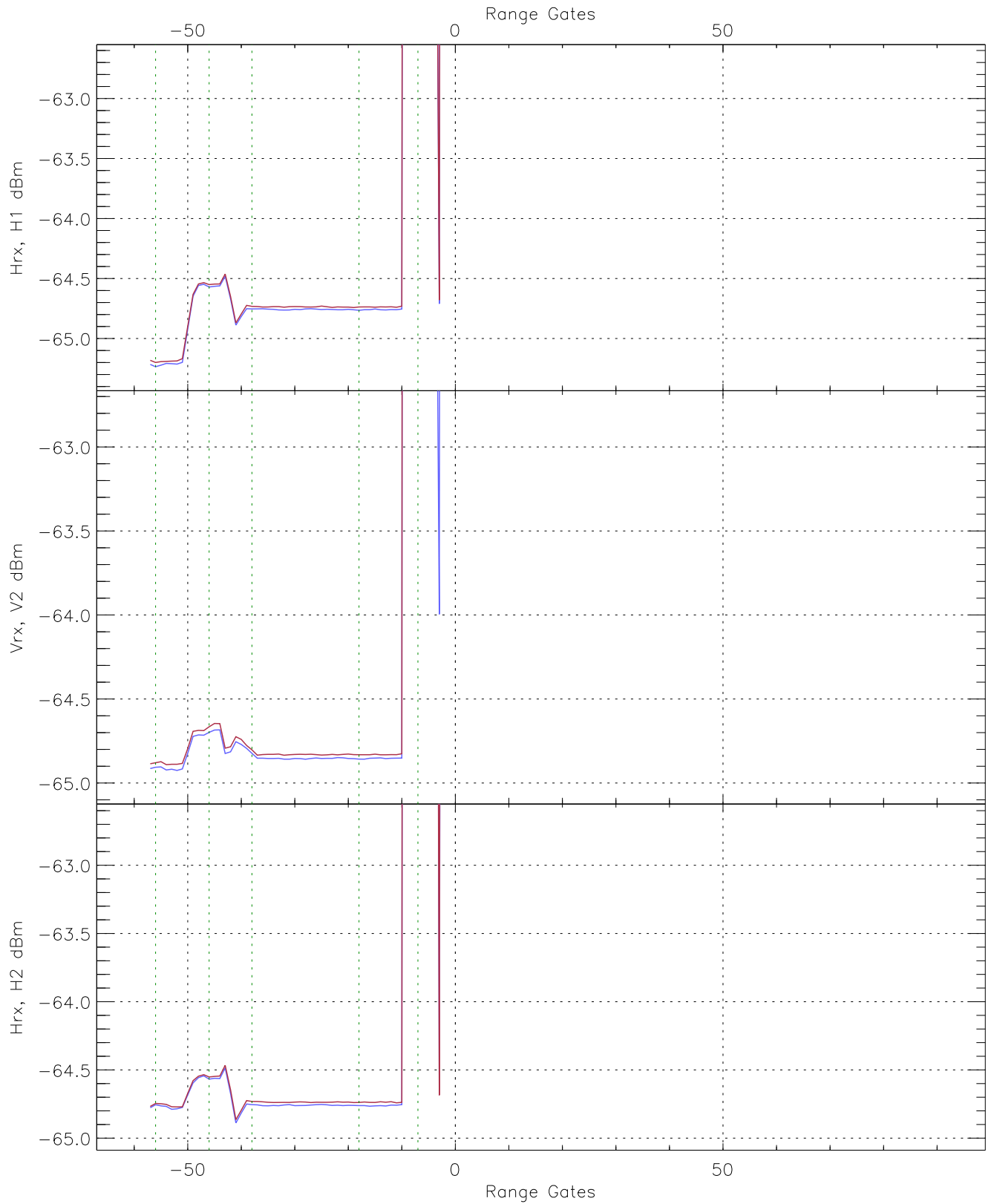


WCR3 CPP "Best" estimate Receivers Noise Power

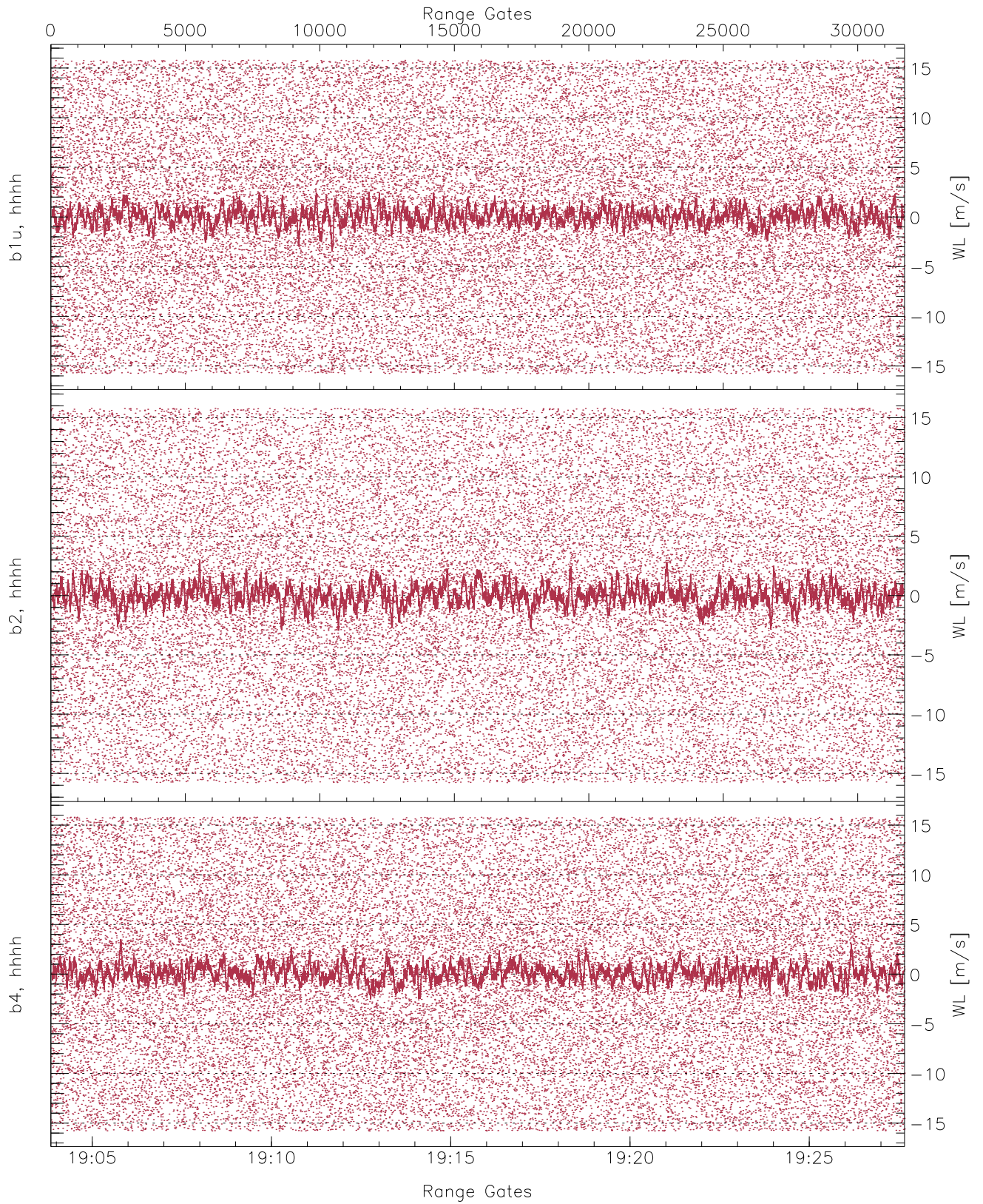
	Min	Max	Mean	Median	StDev
H1RG323_0 [dBm]	-66.50	-64.00	-65.22	-65.23	-76.72
V2RG388_0 [dBm]	-66.39	-63.78	-64.91	-64.92	-76.40
H2RG307_0 [dBm]	-66.02	-63.50	-64.78	-64.79	-76.29



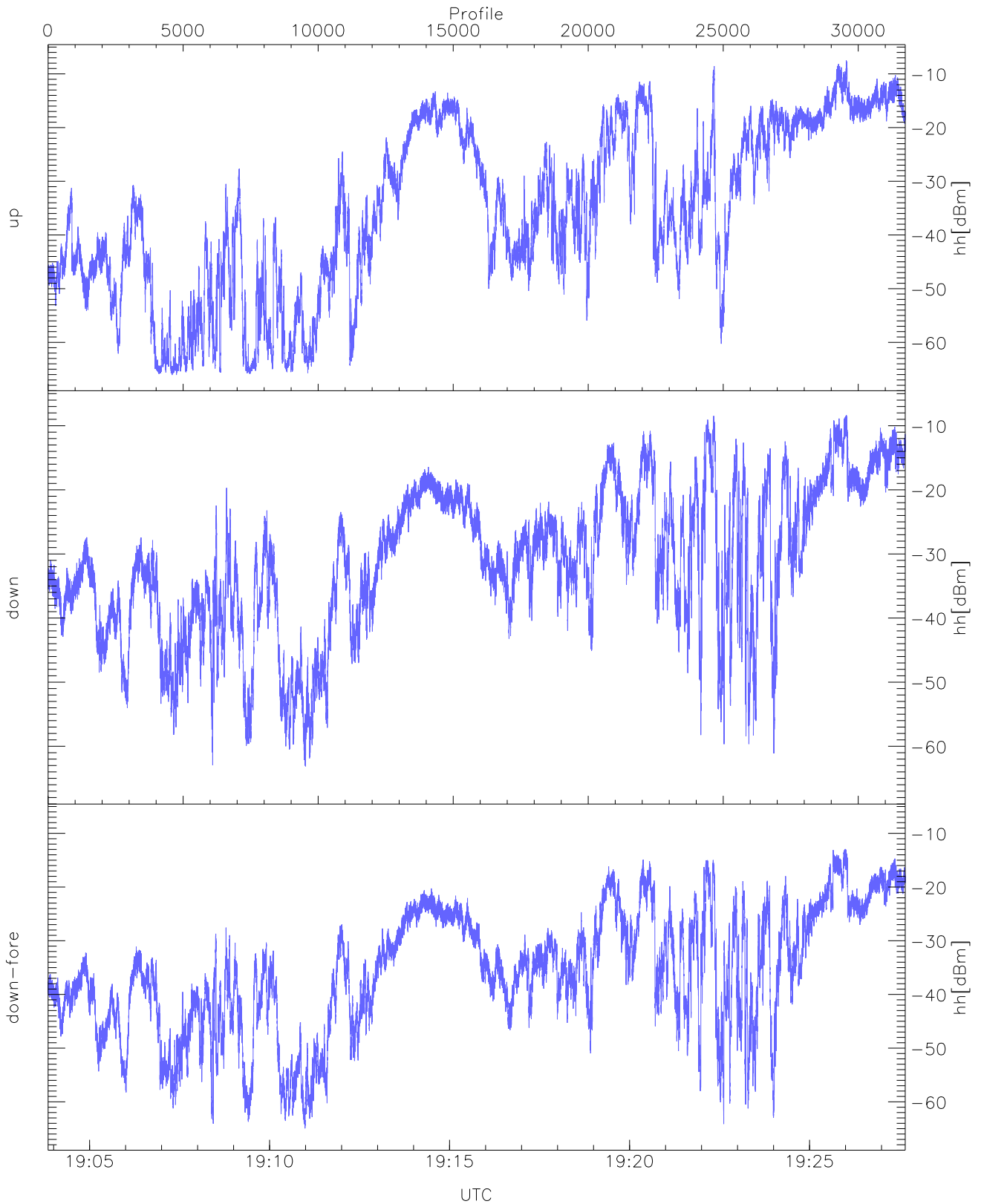
WCR3 CPP Averaged Received power for all recorded gates
blue: 190351-191545, 15871 profiles averaged
red: 191545-192739, 15871 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 190351-191545, 15871 profiles averaged
red: 191545-192739, 15871 profiles averaged

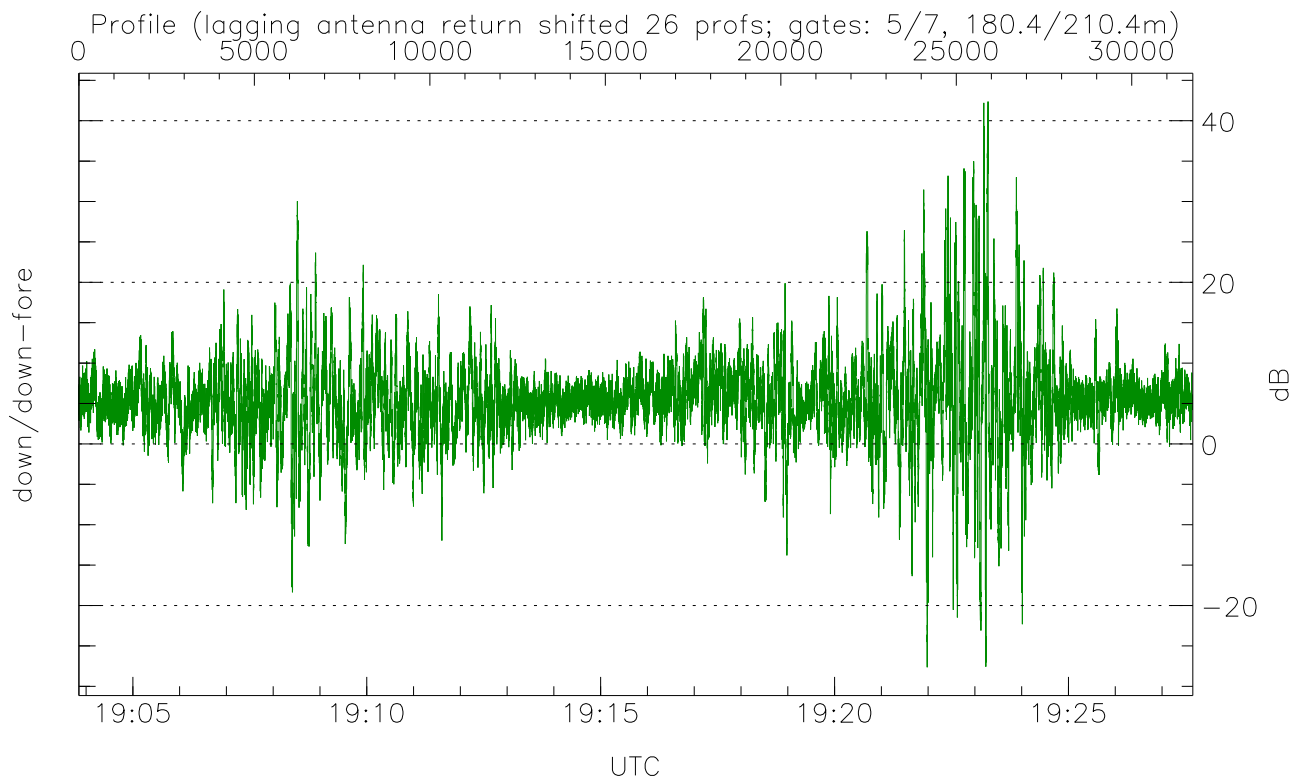
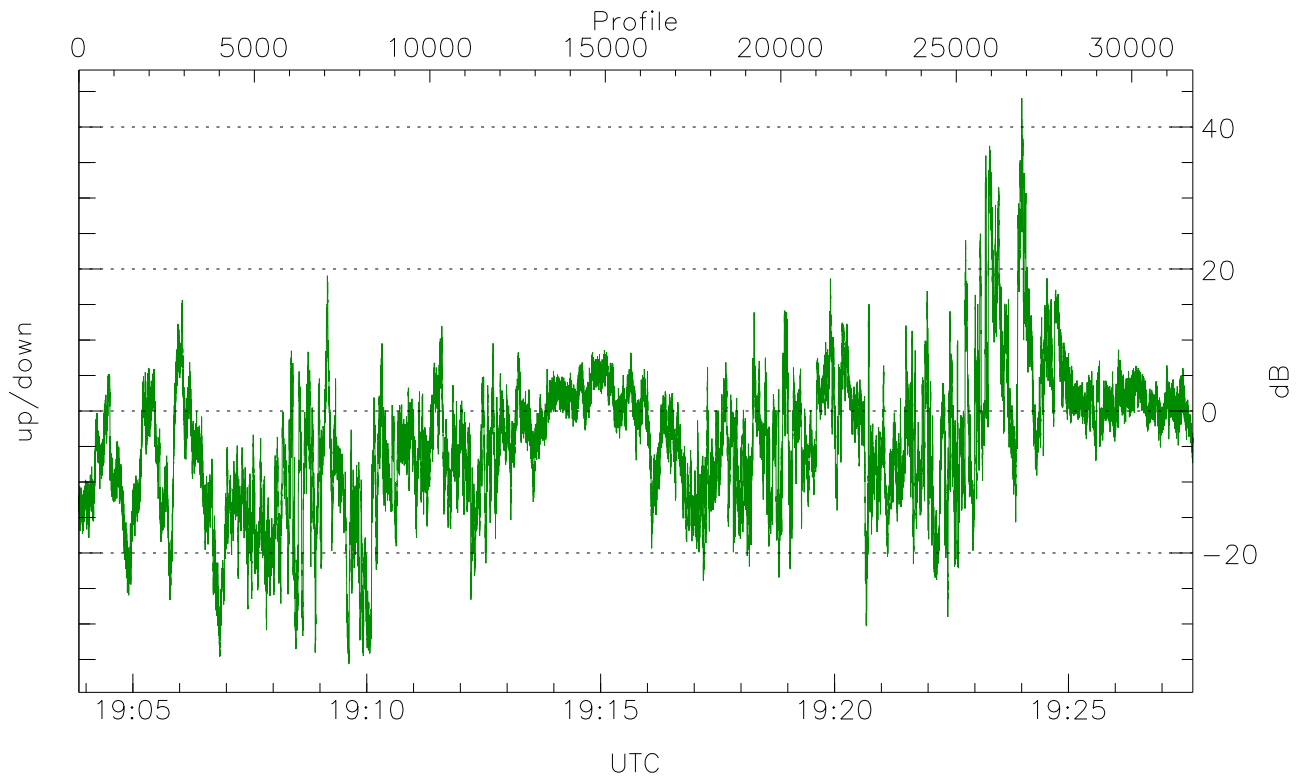


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



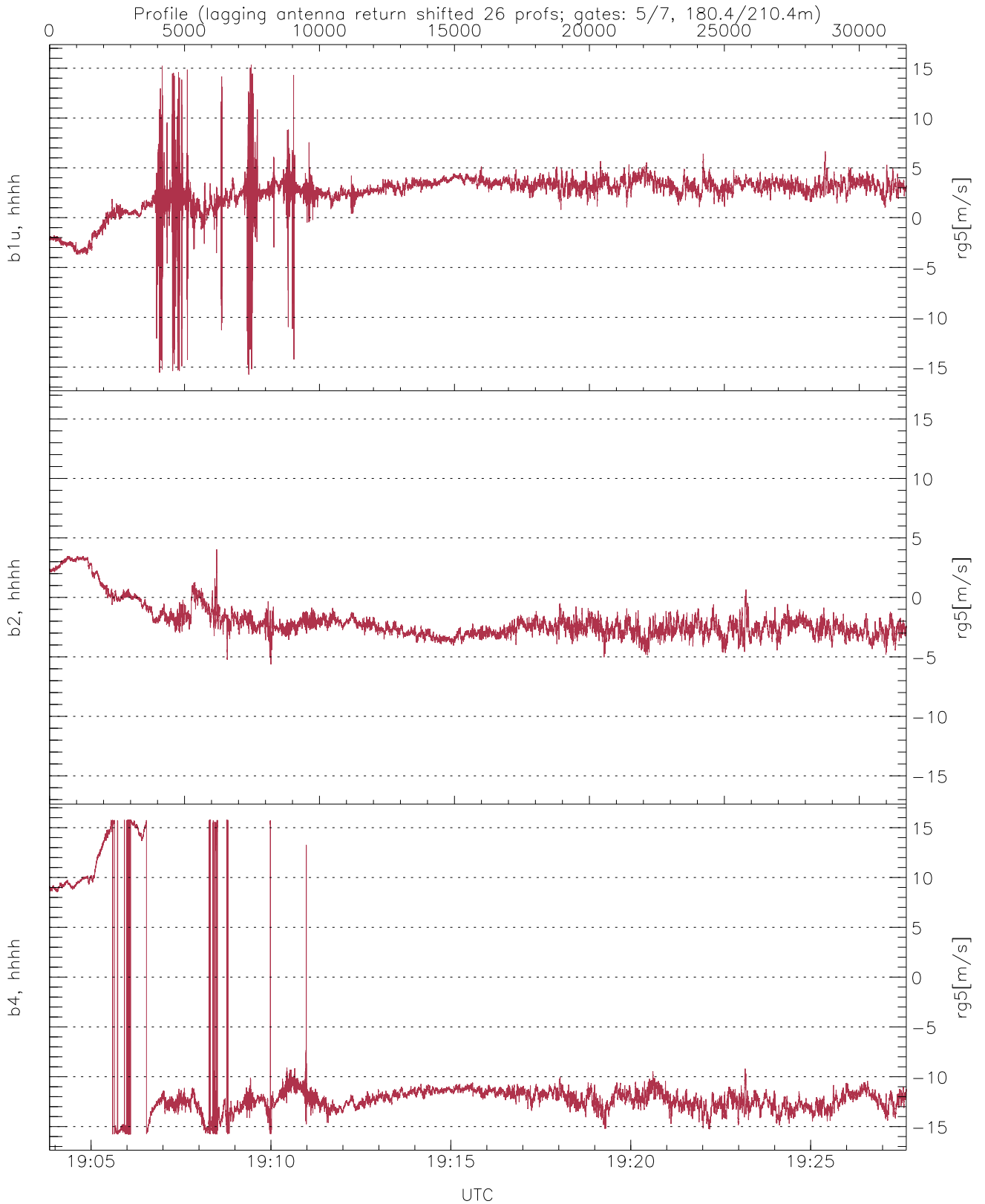
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.08	-7.47	-21.15
down(hh[dBm])	-63.13	-8.36	-21.46
down-fore(hh[dBm])	-64.96	-12.92	-26.01



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

	Min	Max	Mean
up/down (dB)	-35.65	44.04	-4.39
down/down-fore (dB)	-27.64	42.38	5.44



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.75	15.34	2.47	1.97
b2, hhhh(rg5[m/s])	-5.63	4.04	-2.01	1.54
b4, hhhh(rg5[m/s])	-15.79	15.79	-9.98	7.35