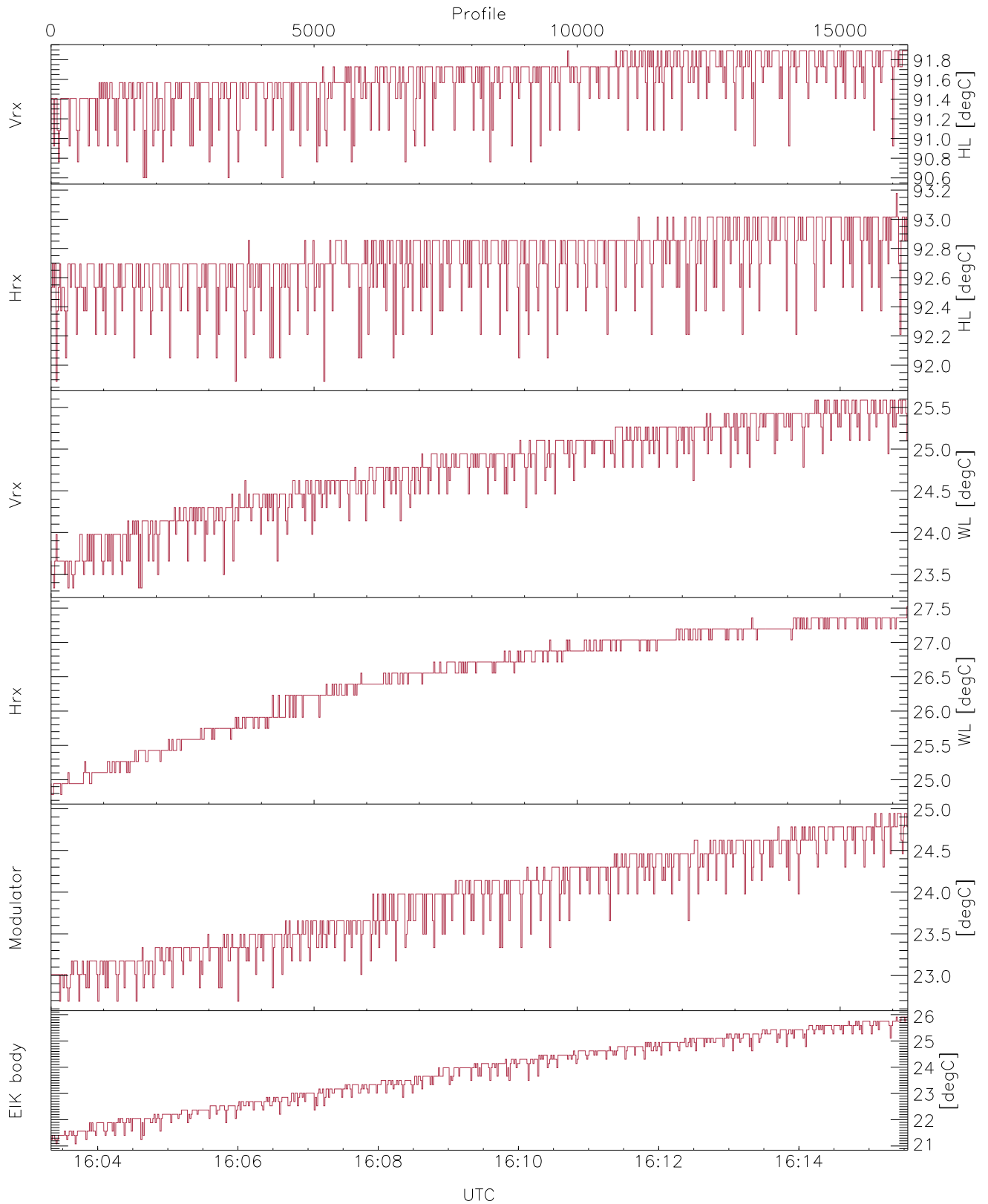


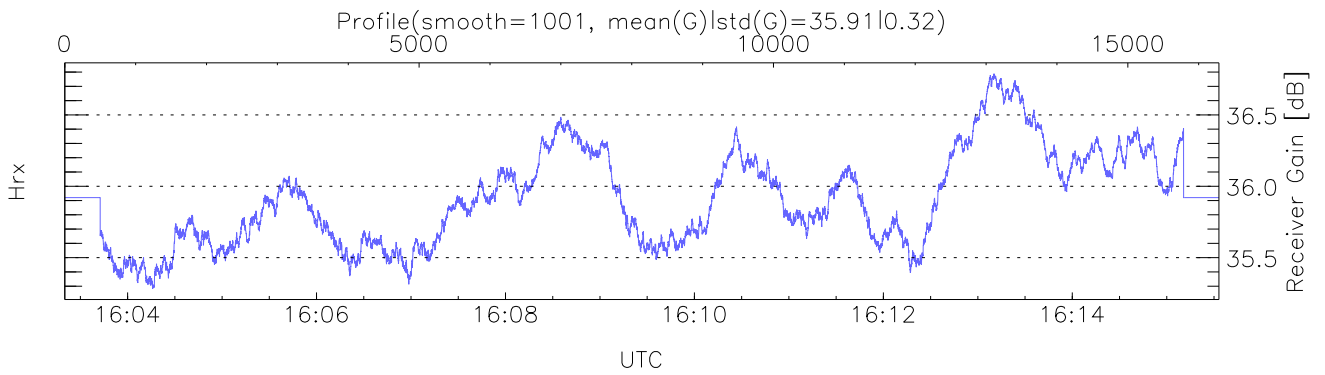
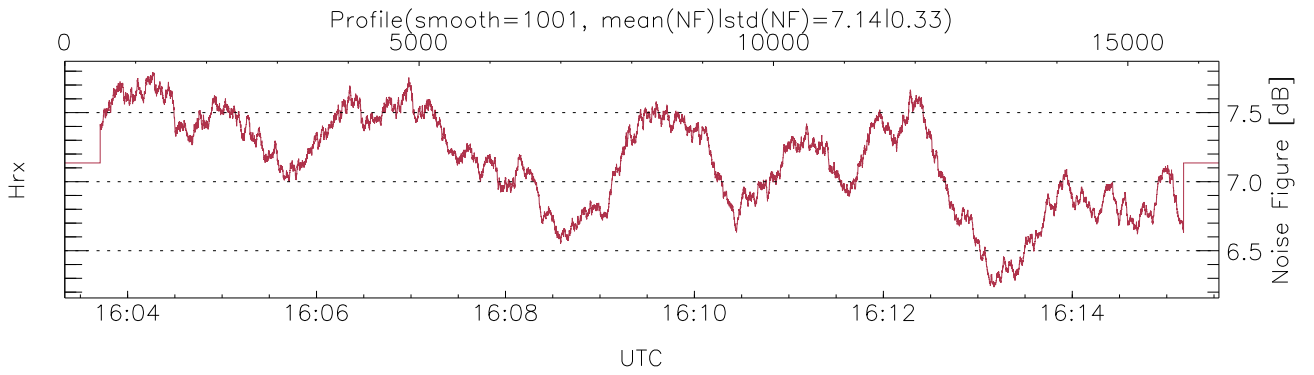
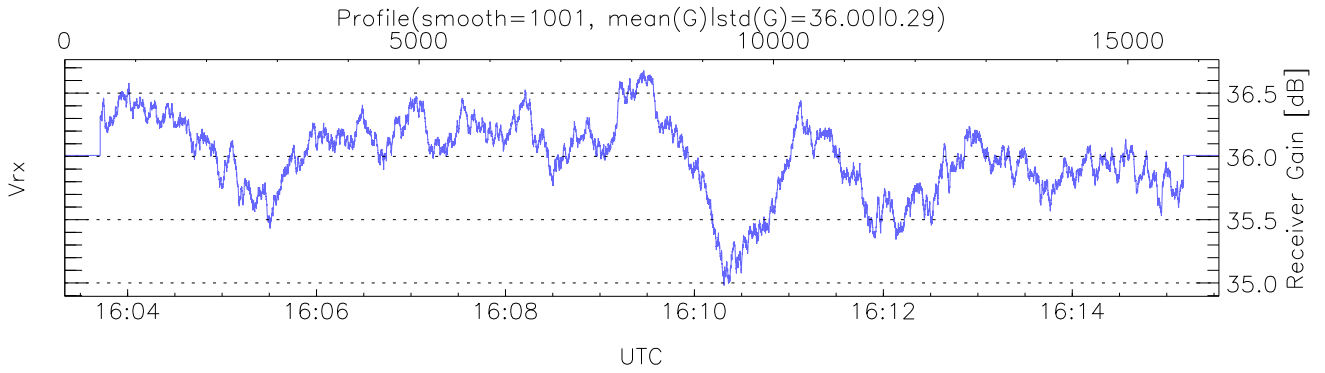
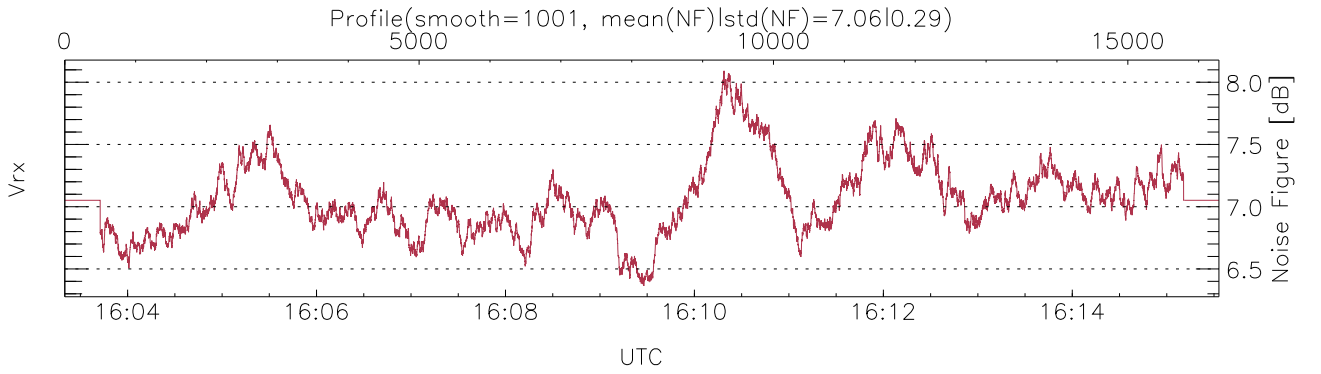
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:03:20-16:15:33, TimeCor: 0.00s, Dur: 733.05s
 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): 16287/16287, 0-16286/16:03:20-16:15:33
 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,rgs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



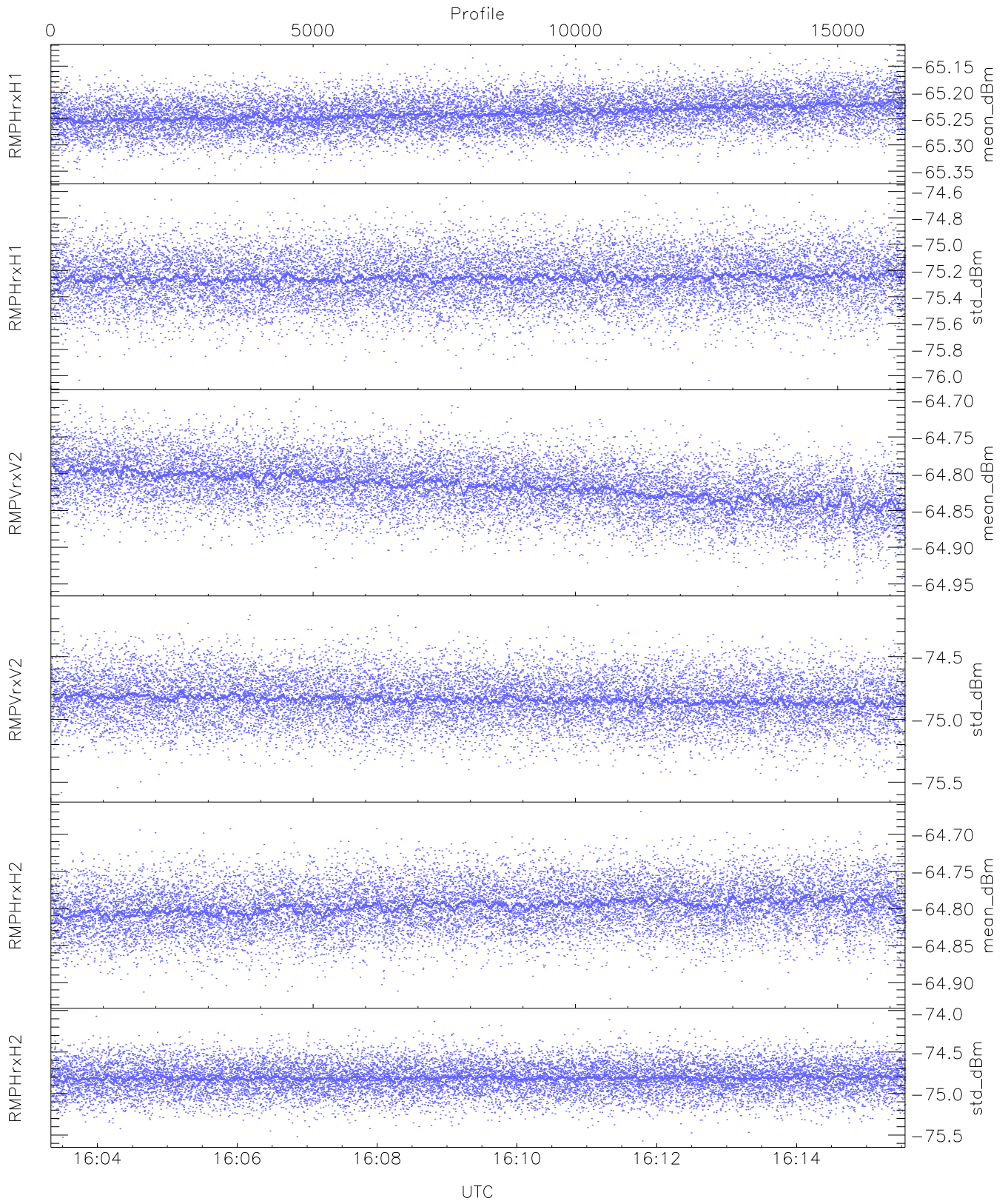
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,23,24,22,21
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,25,27,24,25
 LOalarm(20,240,2817,14861 MHz): 0,0,45,0
 EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (46,68,68,68,68,46)



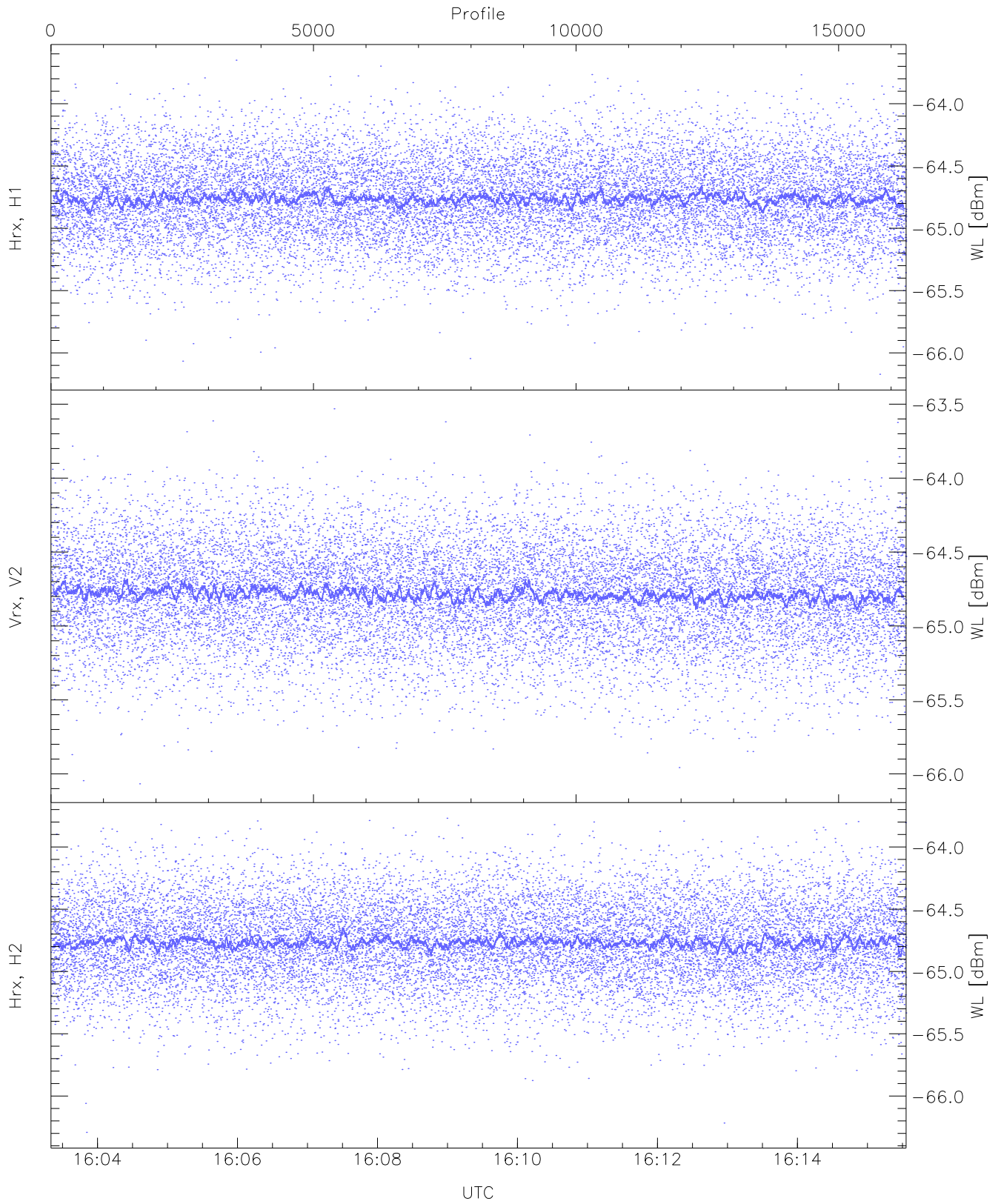
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 9 pixs, 2 gates, 9 profs, 1 prod(s)



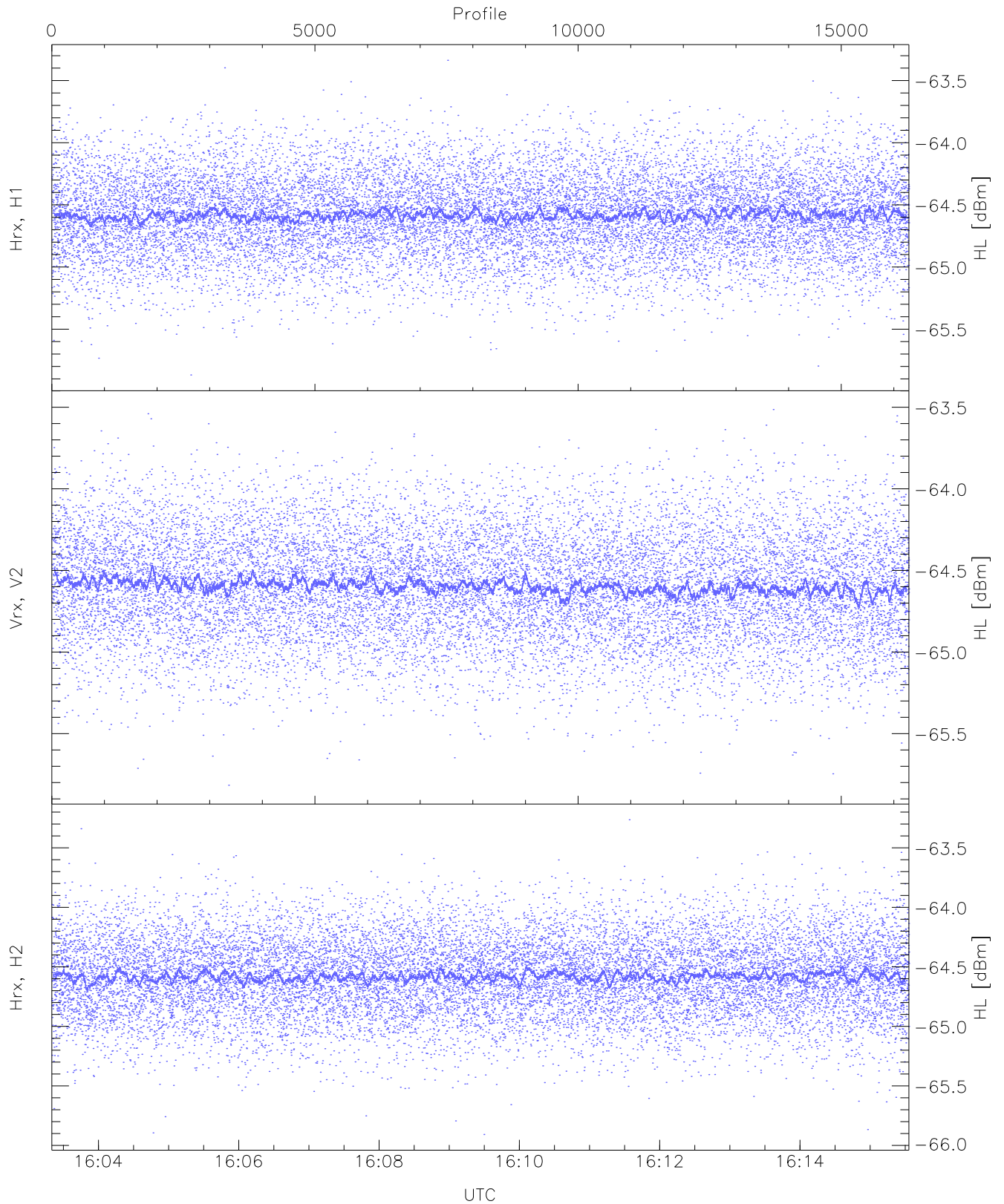
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.36	-65.12	-65.24	-65.24	-86.61
RMPHrxH1(std_dBm)	-76.03	-74.61	-75.25	-75.26	-89.04
RMPVrxV2(mean_dBm)	-64.95	-64.70	-64.82	-64.82	-85.85
RMPVrxV2(std_dBm)	-75.58	-74.09	-74.84	-74.85	-88.61
RMPHrxH2(mean_dBm)	-64.92	-64.67	-64.80	-64.80	-86.28
RMPHrxH2(std_dBm)	-75.57	-74.05	-74.81	-74.81	-88.59



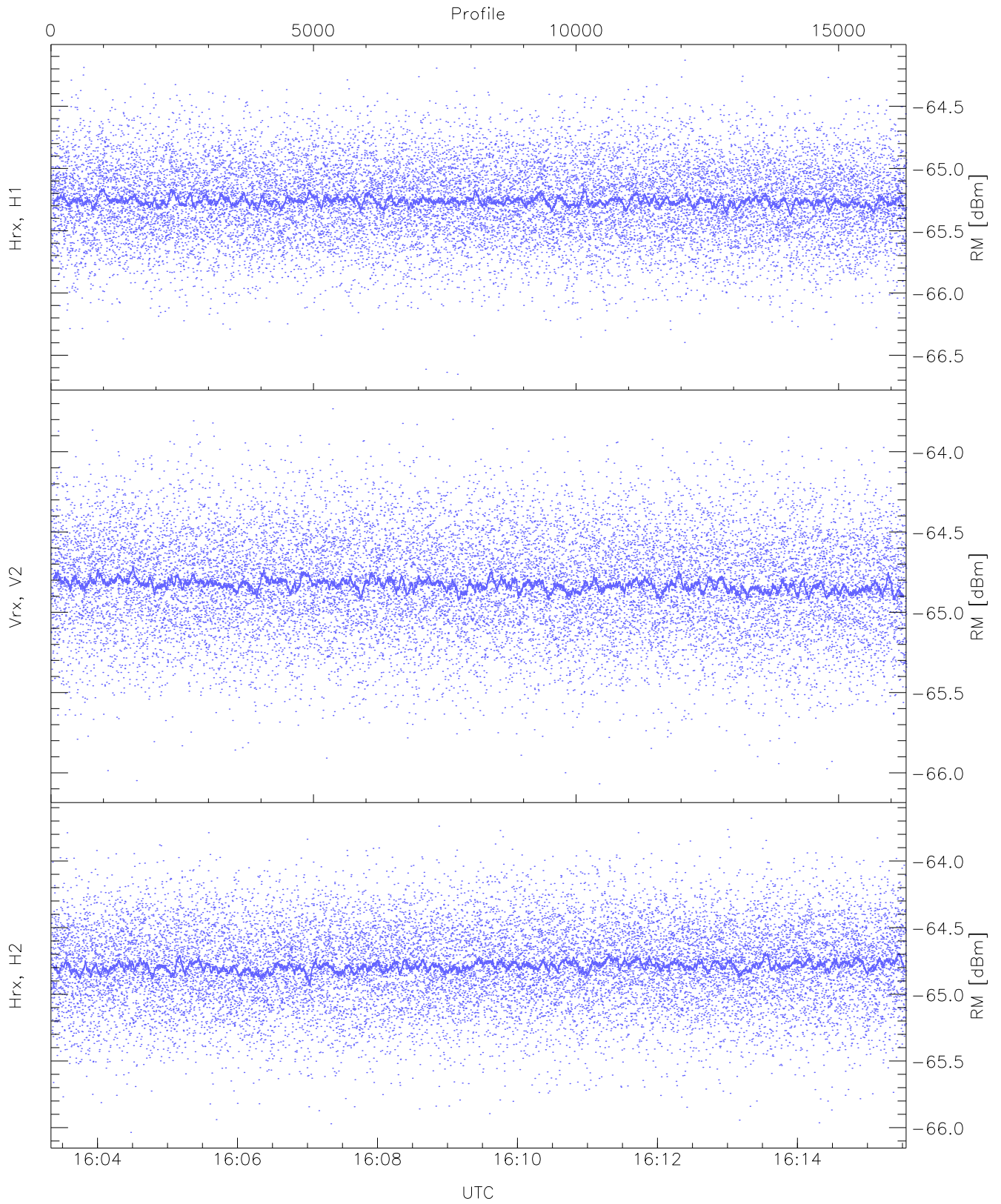
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.17	-63.65	-64.76	-64.76	-76.24
Vrx, V2(WL [dBm])	-66.07	-63.53	-64.78	-64.78	-76.26
Hrx, H2(WL [dBm])	-66.29	-63.77	-64.76	-64.77	-76.28



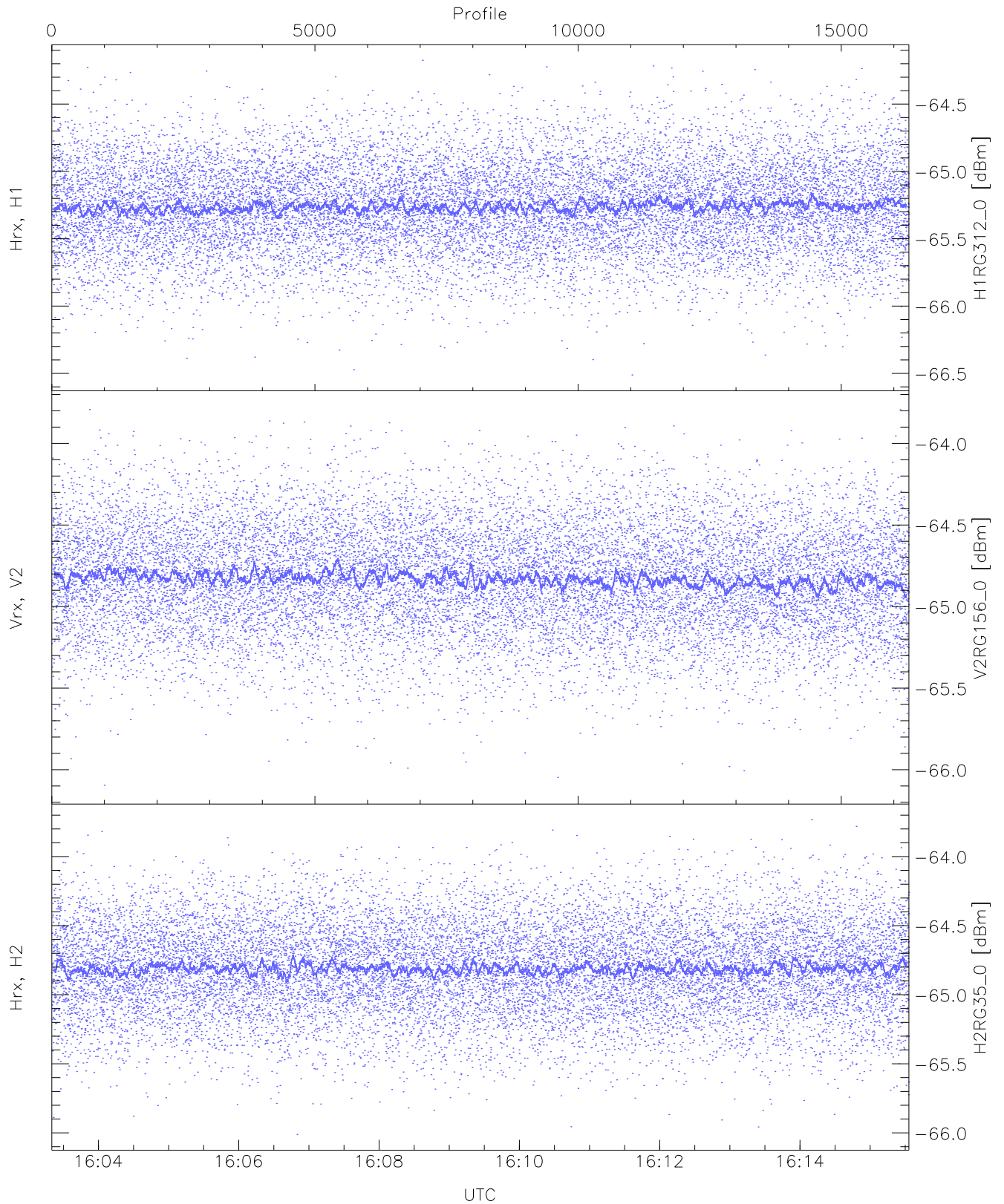
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.87	-63.34	-64.58	-64.58	-76.08
Vrx, V2 (HL [dBm])	-65.82	-63.51	-64.59	-64.60	-76.13
Hrx, H2 (HL [dBm])	-65.91	-63.26	-64.57	-64.58	-76.11



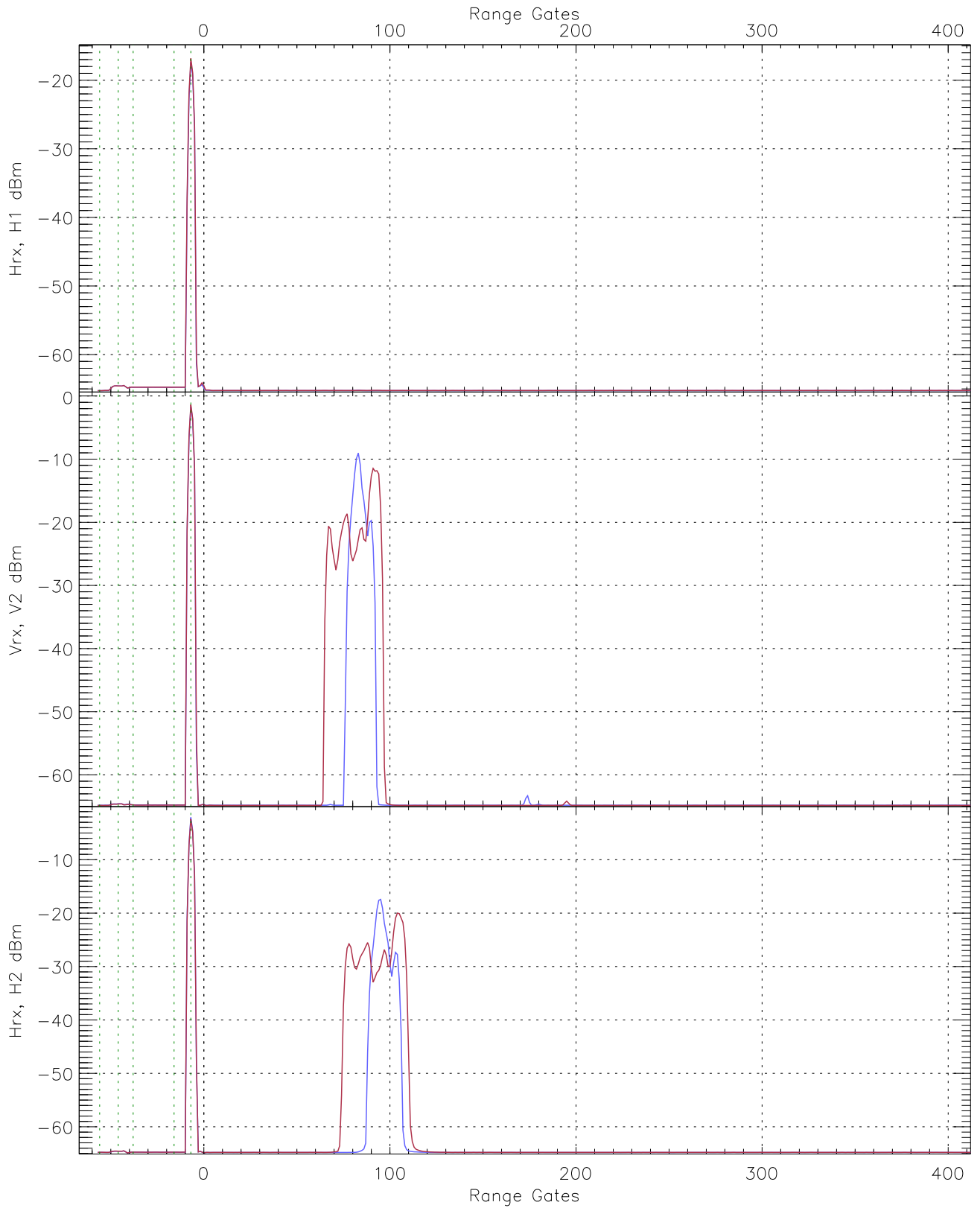
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.65	-64.13	-65.25	-65.26	-76.72
Vrx, V2 (RM [dBm])	-66.07	-63.73	-64.82	-64.83	-76.34
Hrx, H2 (RM [dBm])	-66.04	-63.68	-64.78	-64.79	-76.30

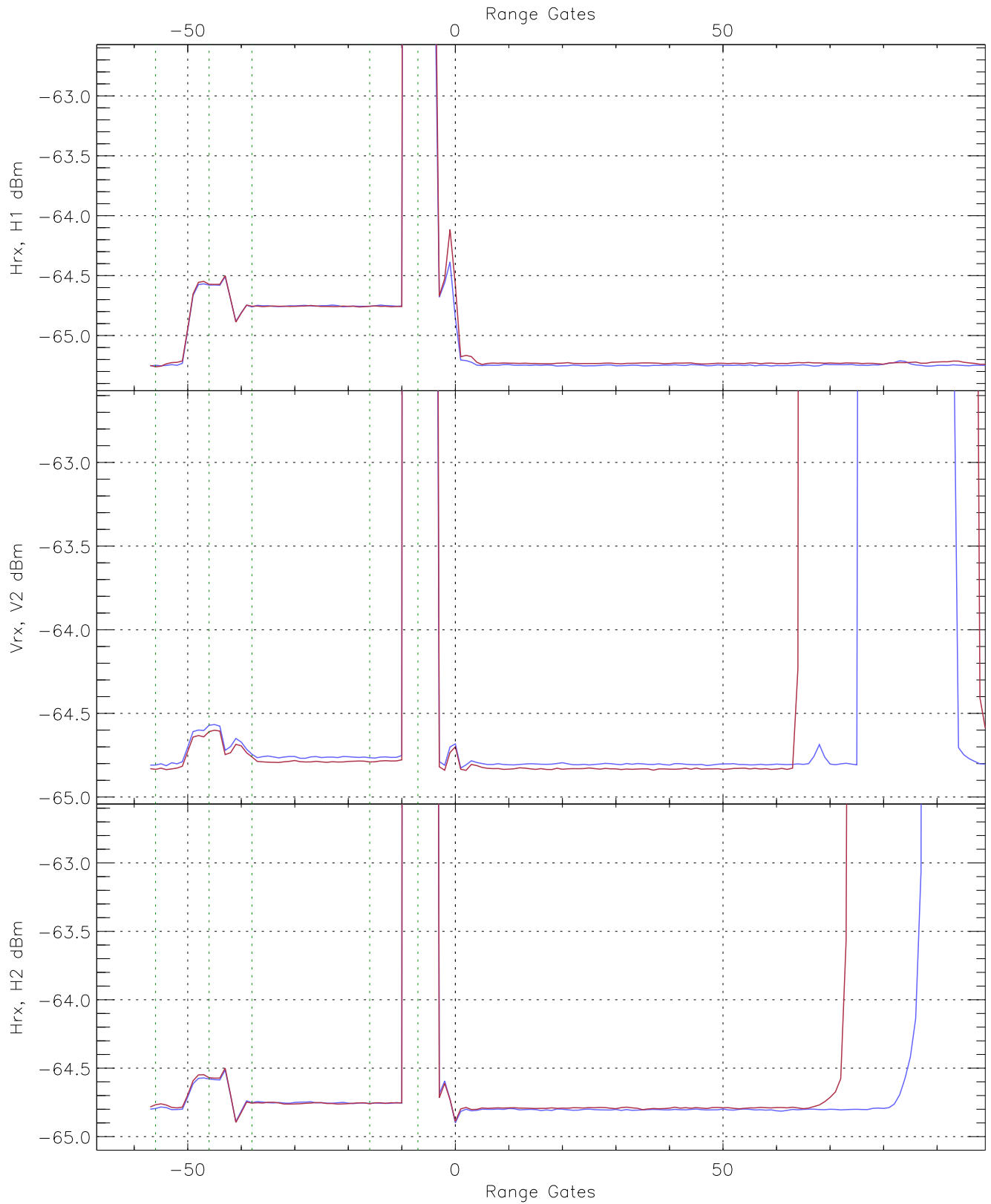


WCR3 CPP "Best" estimate Receivers Noise Power

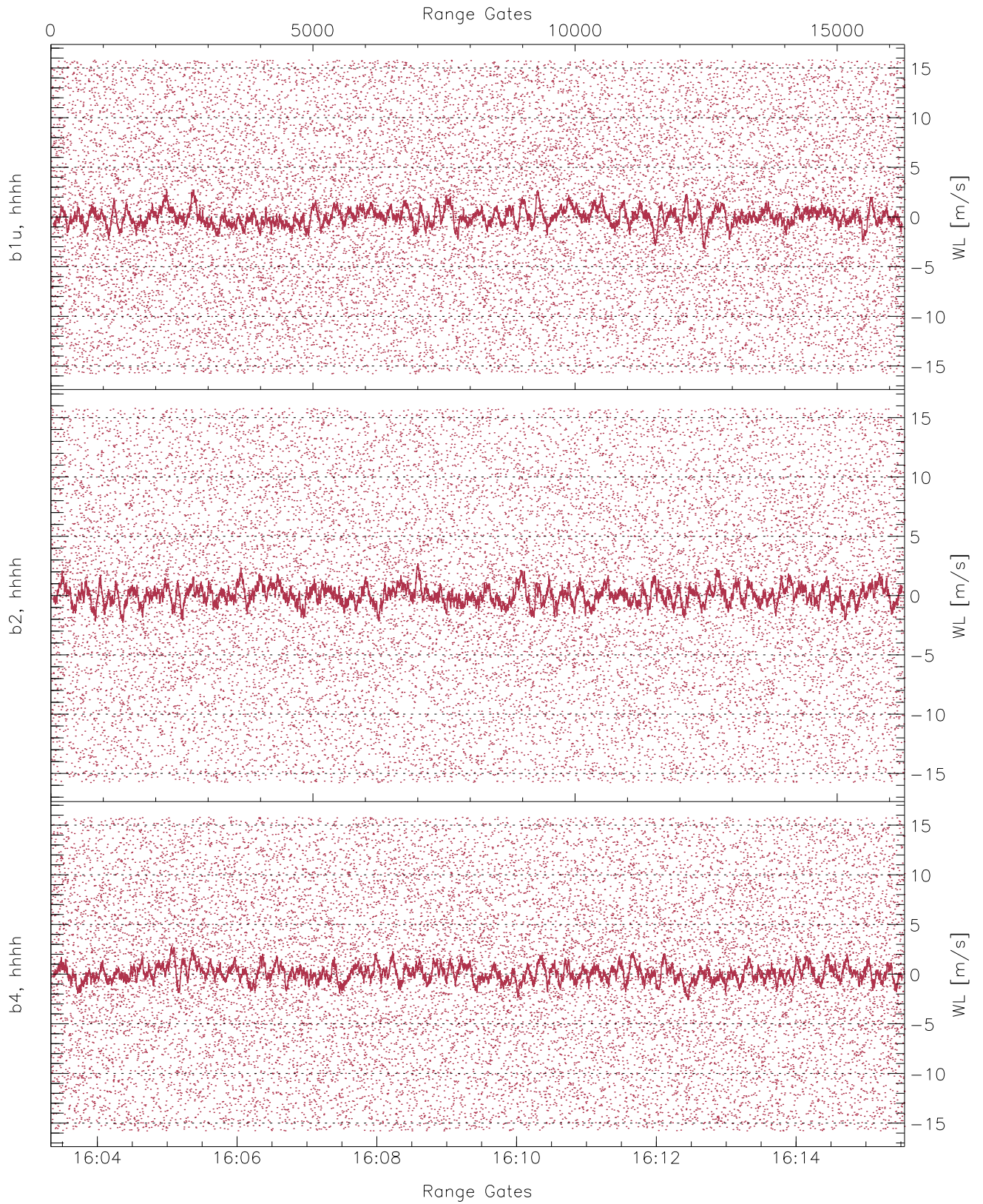
	Min	Max	Mean	Median	StDev
H1RG312_0 [dBm]	-66.51	-64.17	-65.25	-65.26	-76.72
V2RG156_0 [dBm]	-66.10	-63.79	-64.82	-64.83	-76.36
H2RG35_0 [dBm]	-66.01	-63.73	-64.80	-64.81	-76.30



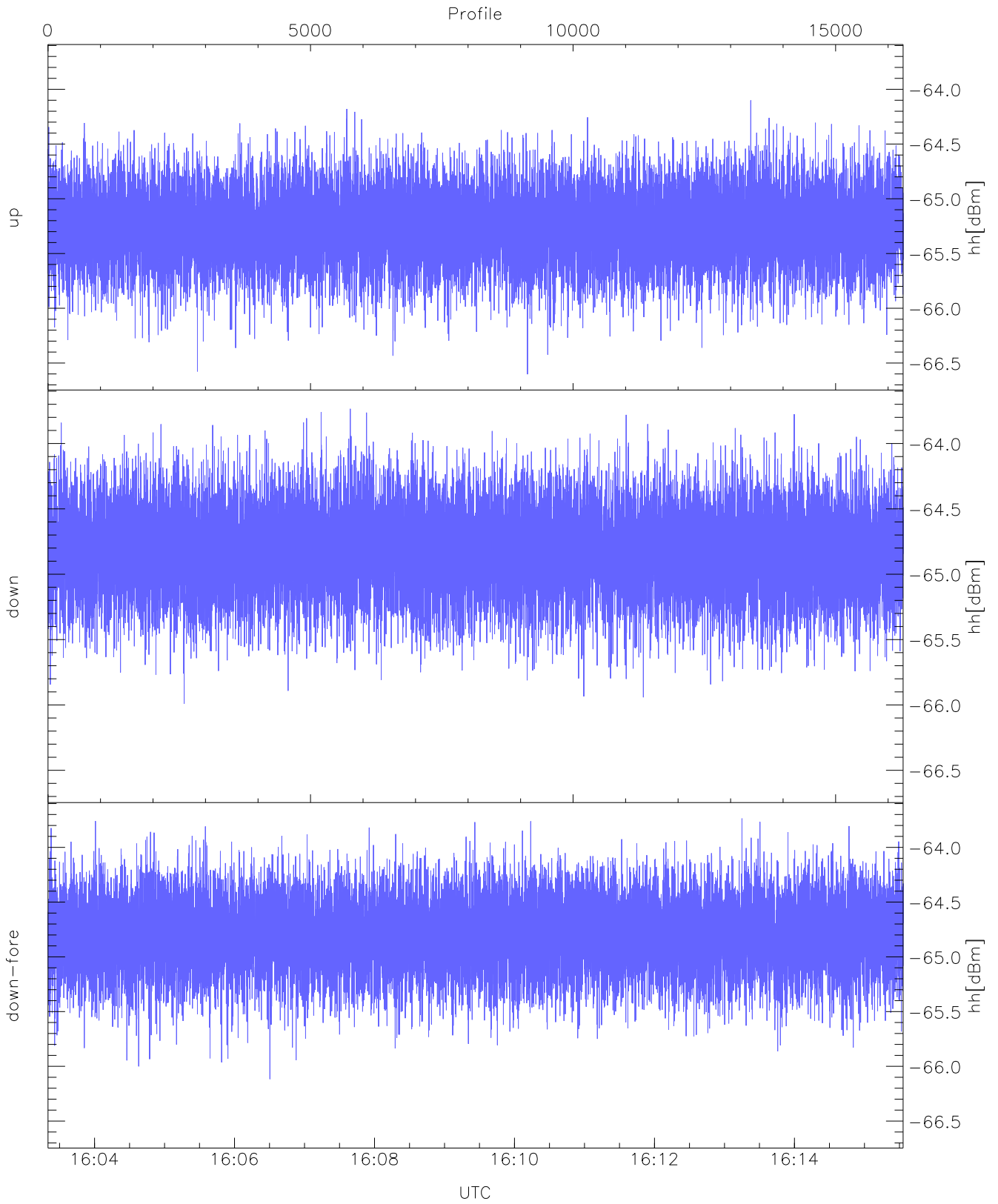
WCR3 CPP Averaged Received power for all recorded gates
blue: 160320-160927, 8144 profiles averaged
red: 160927-161533, 8144 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 160320-160927, 8144 profiles averaged
red: 160927-161533, 8144 profiles averaged

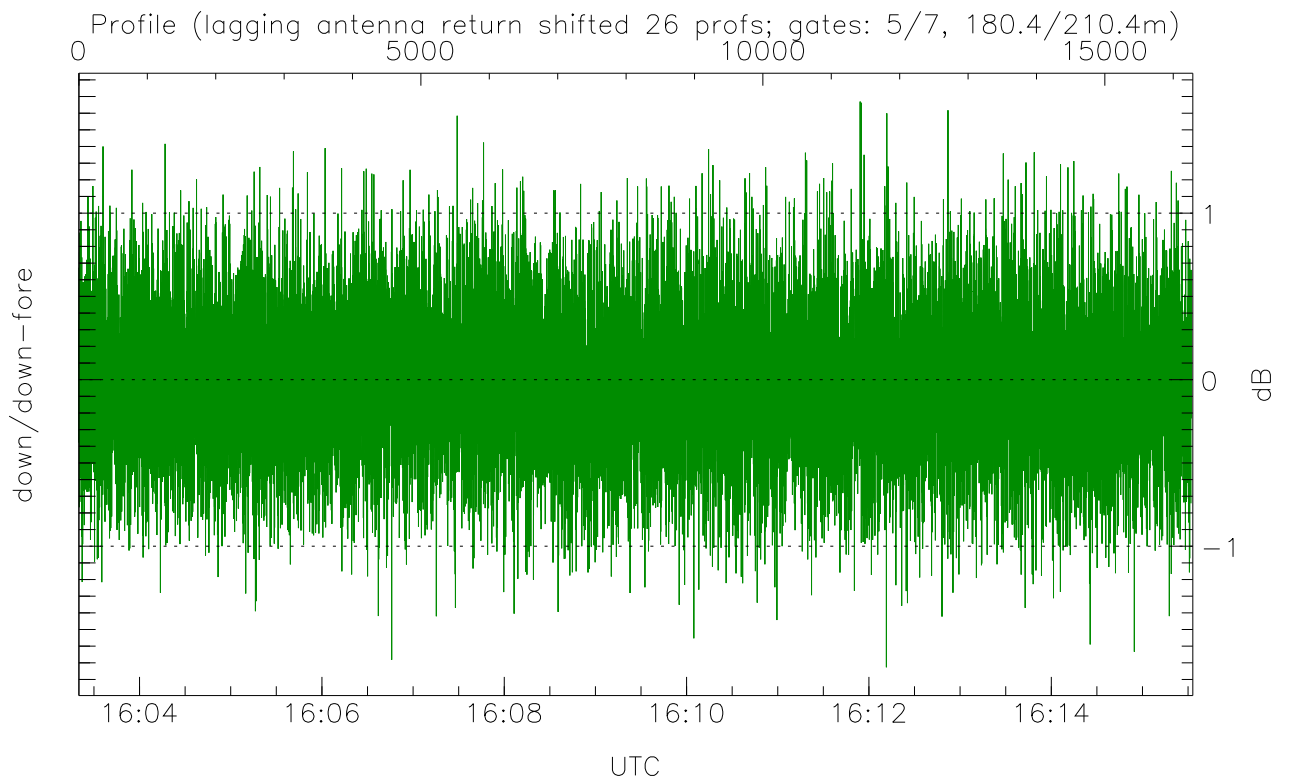
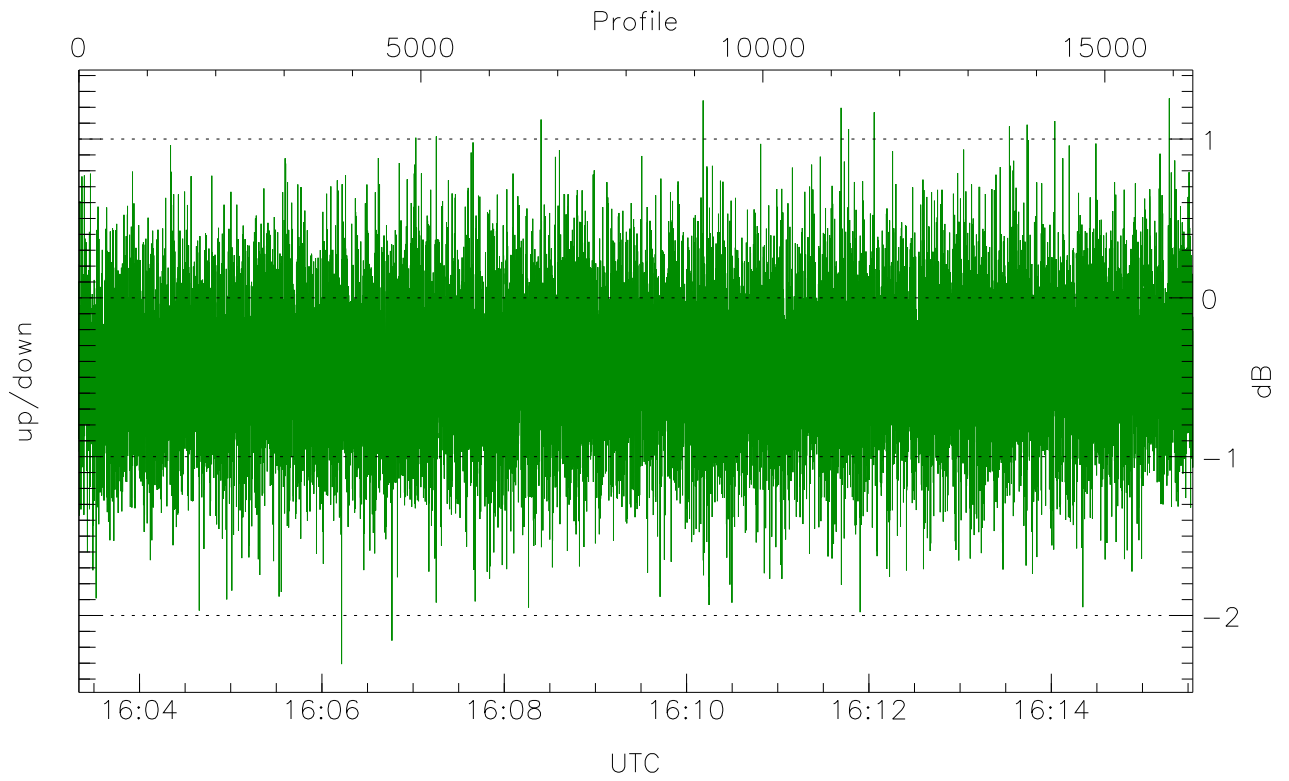


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



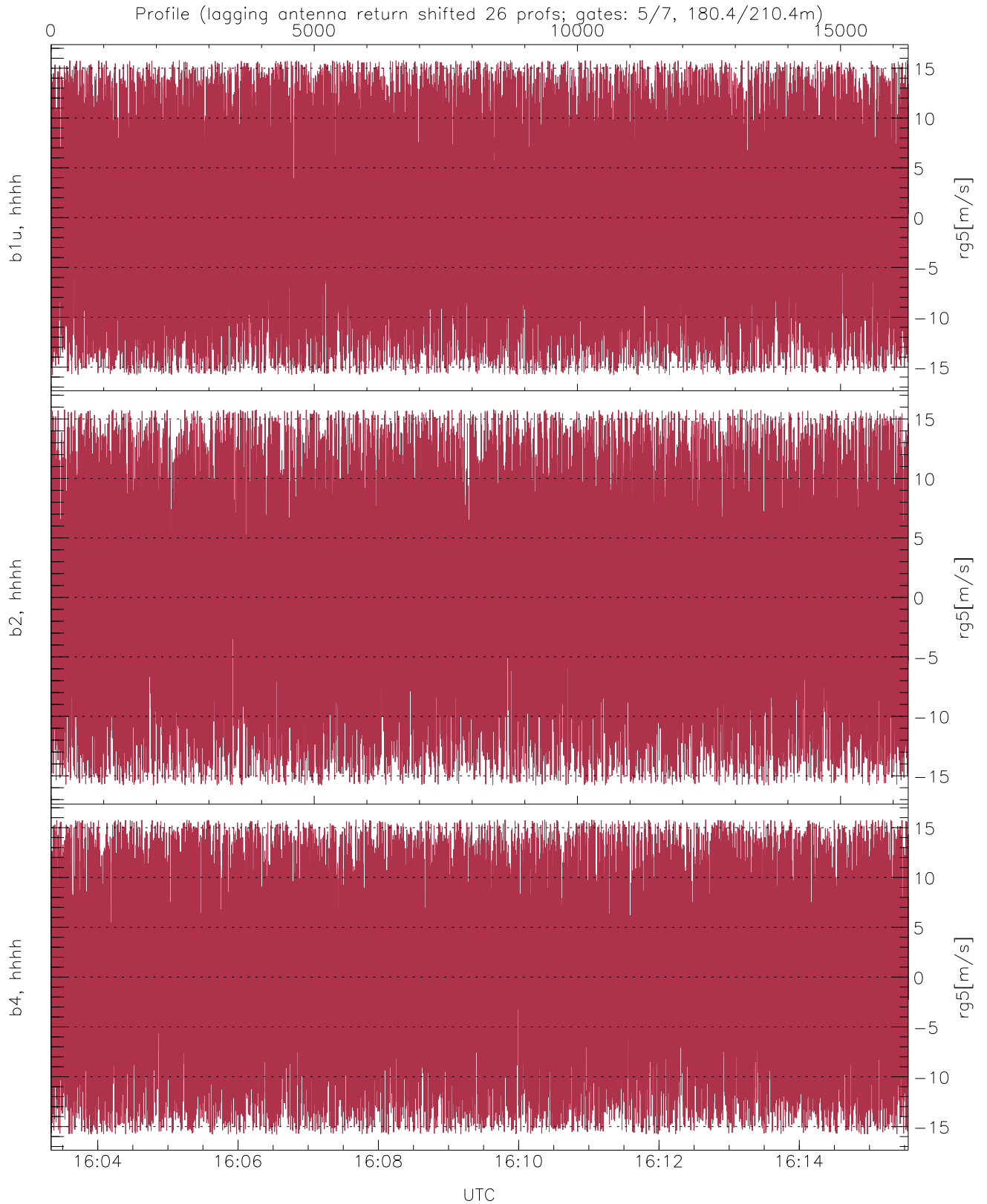
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.60	-64.10	-65.25
down(hh[dBm])	-65.99	-63.73	-64.81
down-fore(hh[dBm])	-66.12	-63.74	-64.80



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

	Min	Max	Mean
up/down (dB)	-2.31	1.26	-0.43
down/down-fore (dB)	-1.73	1.67	-0.02



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.14	8.95
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.05	8.61
b4, hhhh(rg5[m/s])	-15.79	15.79	-0.10	8.86