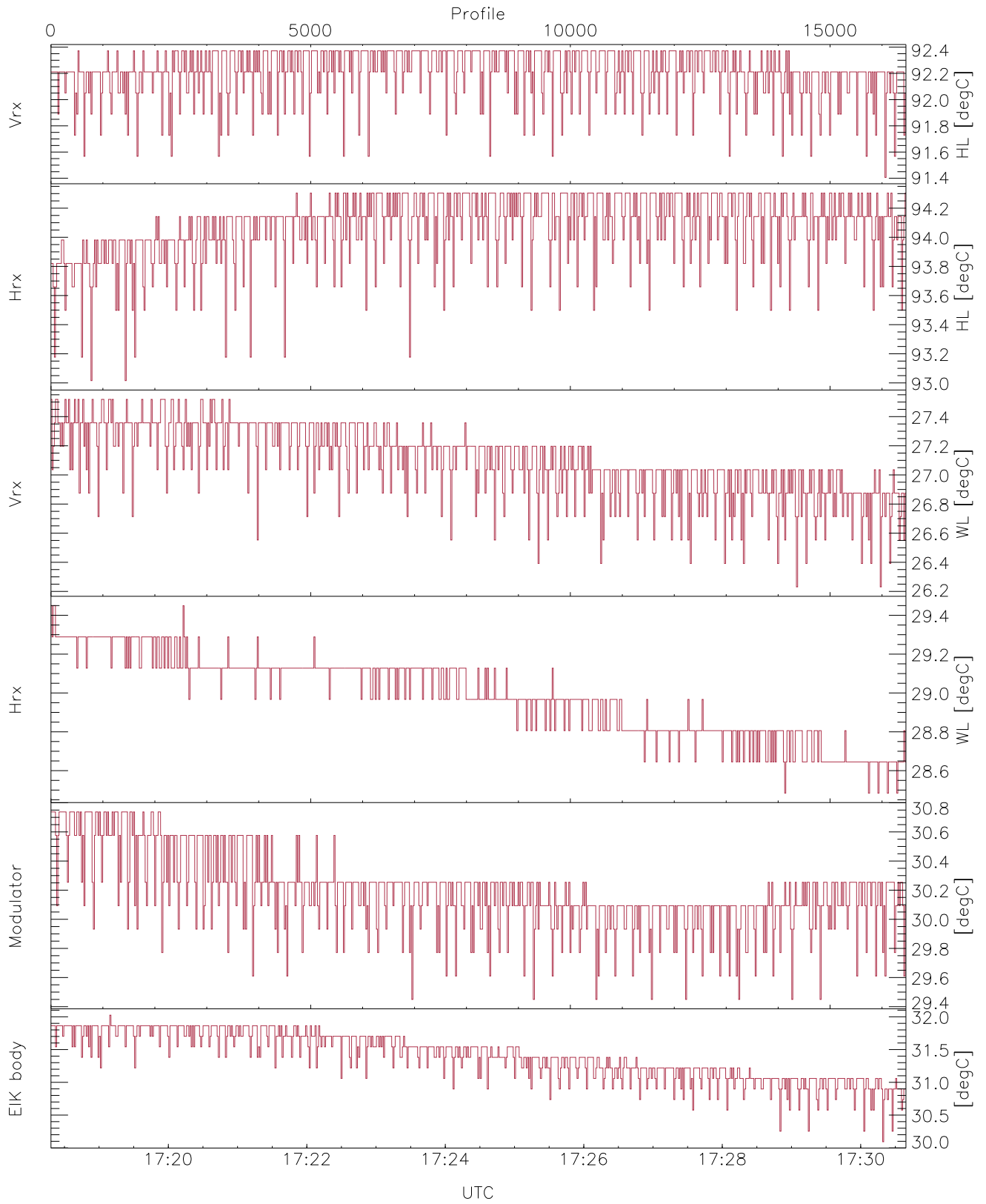


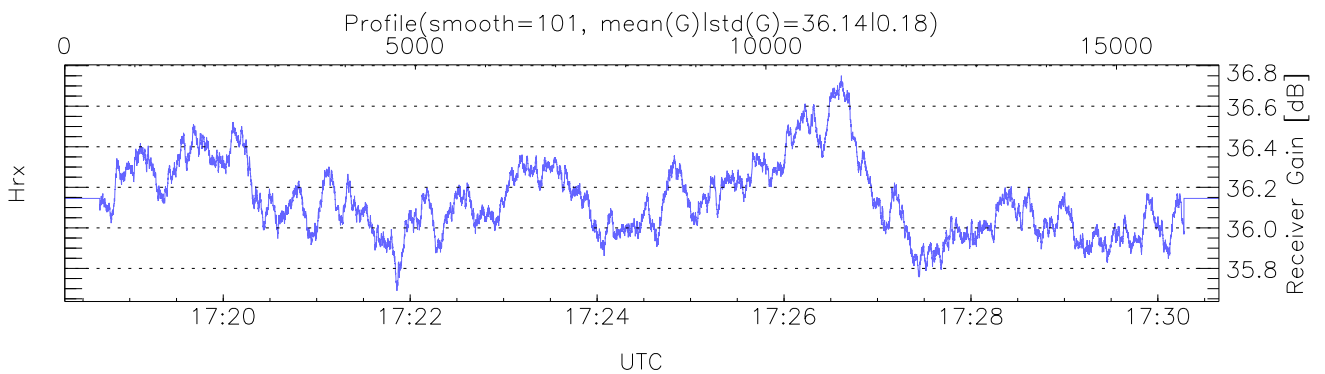
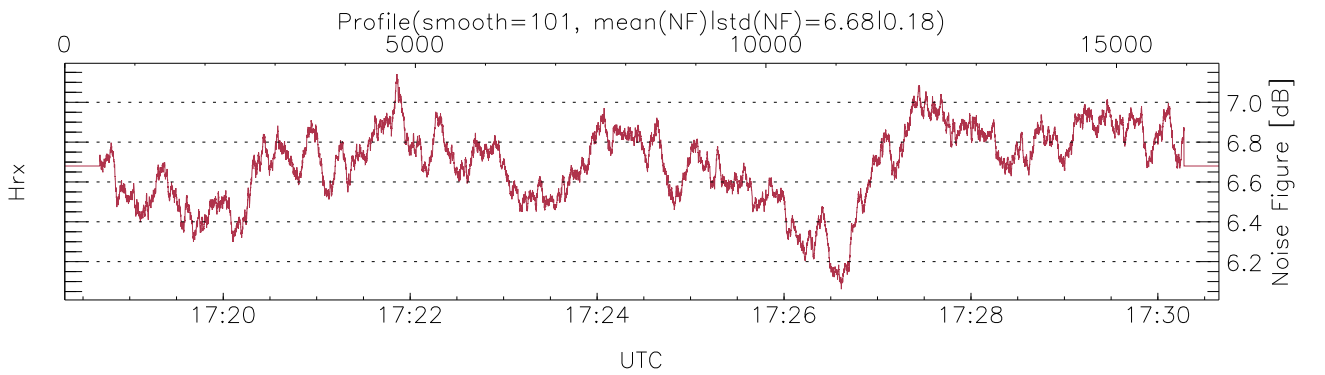
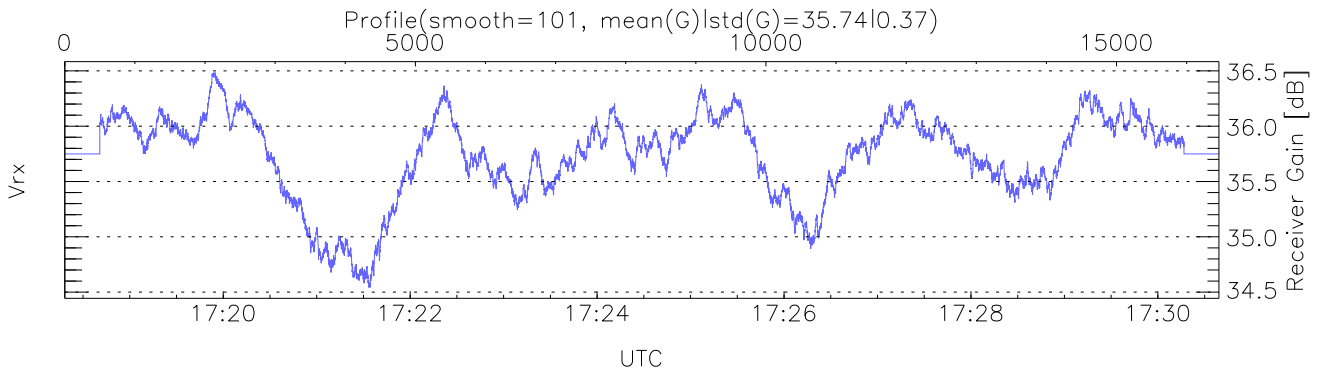
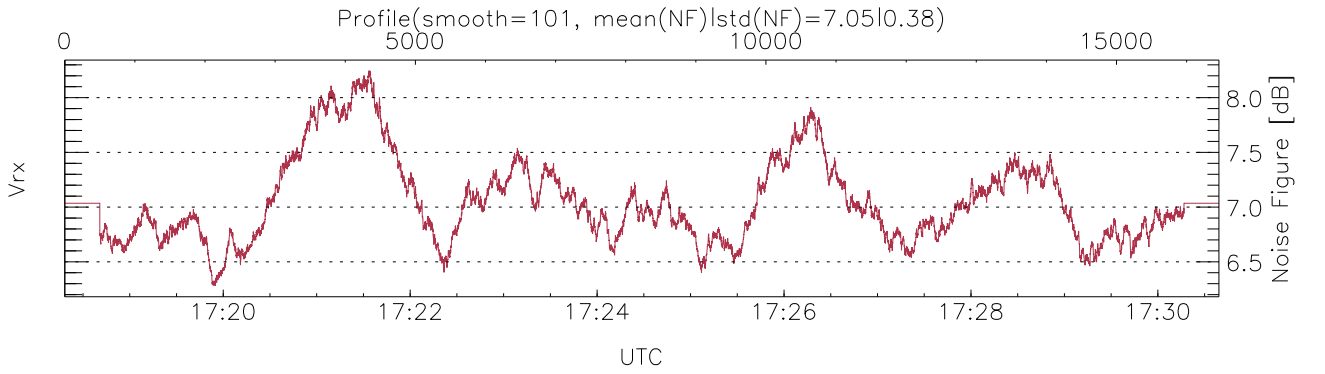
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:18:18-17:30:39, TimeCor: 0.00s, Dur: 740.93s
 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): 16462/16462, 0-16461/17:18:18-17:30:39
 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



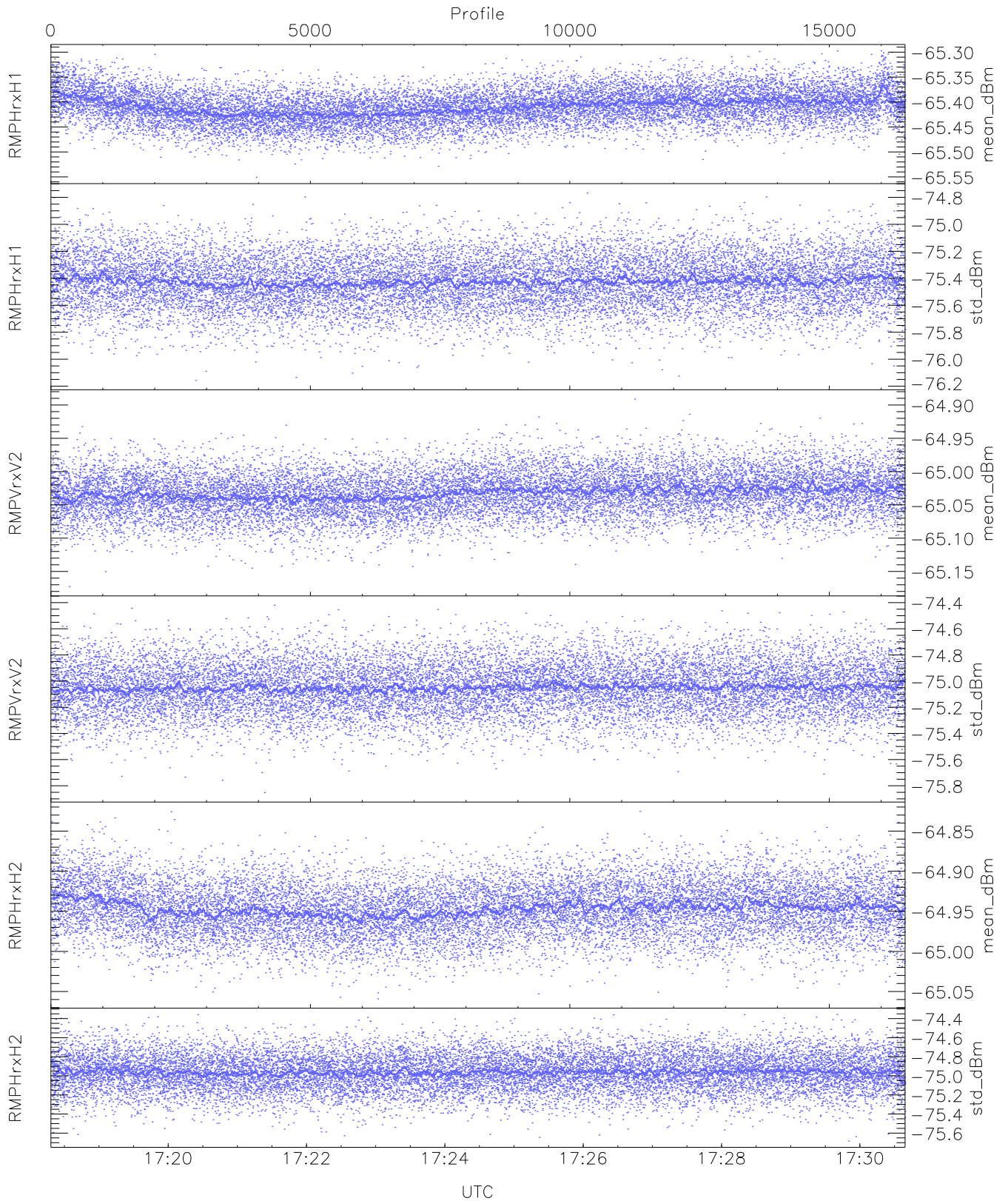
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,26,28,29,30
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,27,29,30,32
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



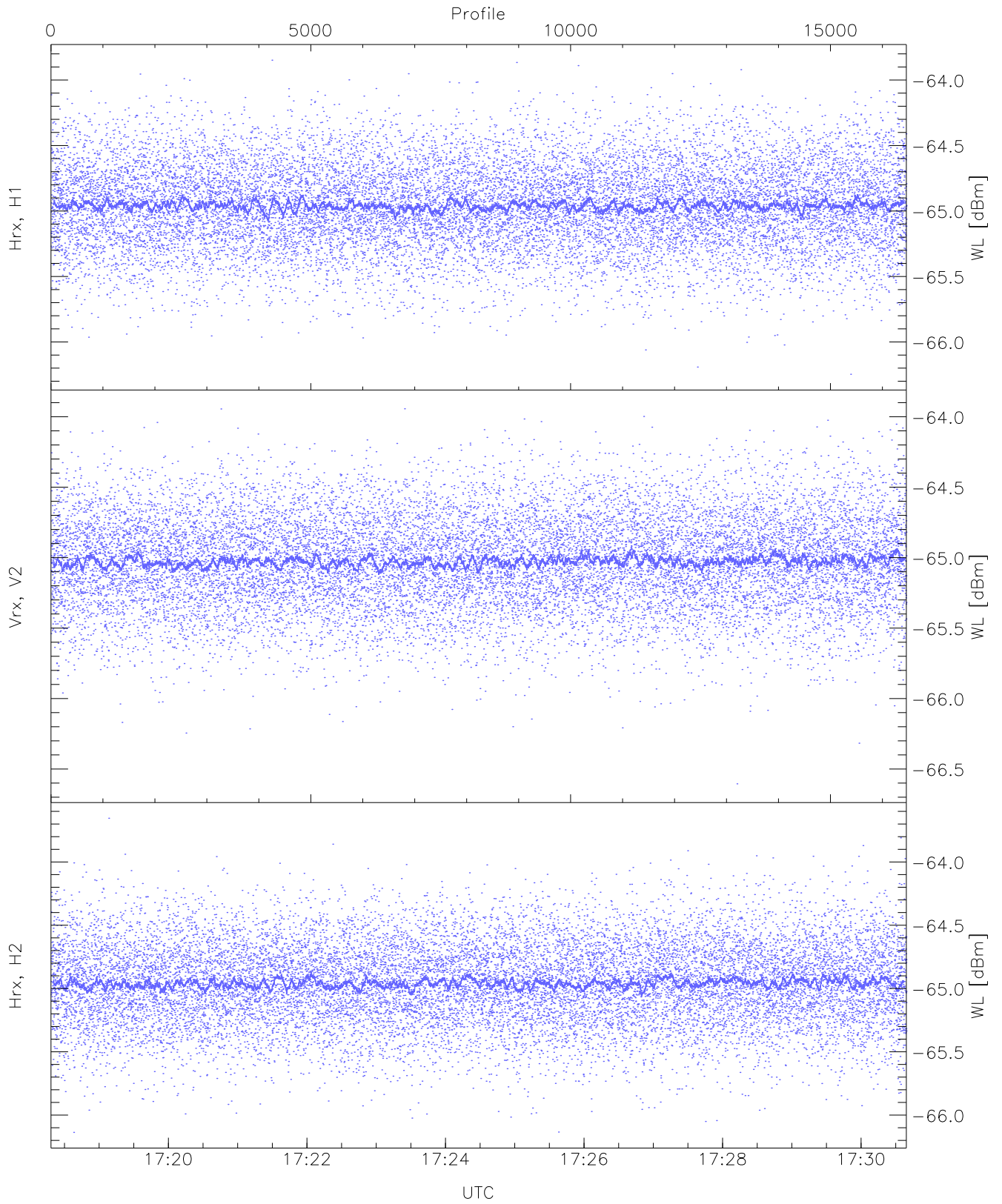
WCR3 CPP Receivers Gain and Noise Figure

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



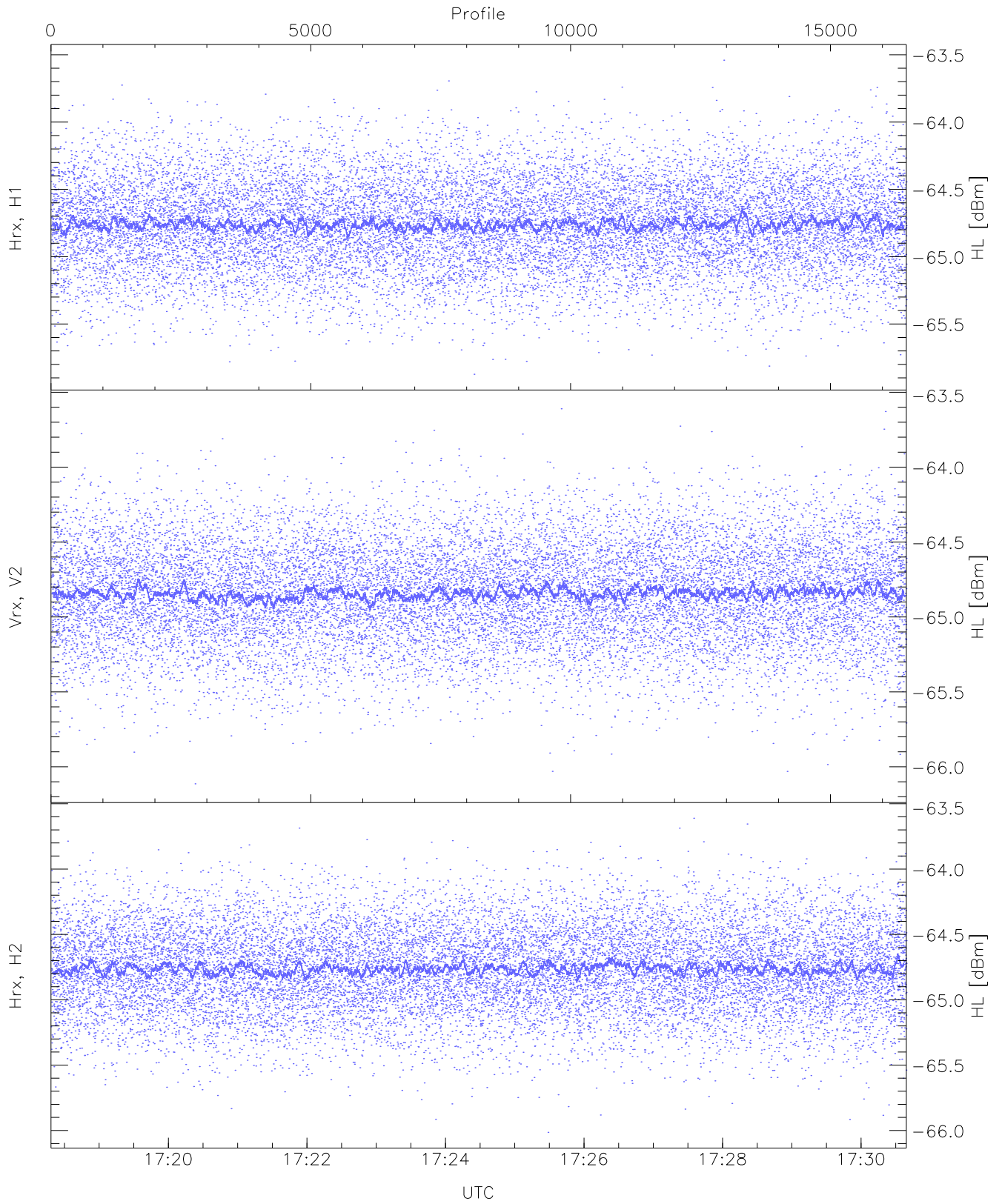
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.55	-65.30	-65.41	-65.41	-86.64
RMPHrxH1(std_dBm)	-76.16	-74.77	-75.42	-75.43	-89.21
RMPVrxV2(mean_dBm)	-65.17	-64.89	-65.03	-65.03	-86.54
RMPVrxV2(std_dBm)	-75.85	-74.42	-75.05	-75.05	-88.83
RMPHrxH2(mean_dBm)	-65.06	-64.83	-64.95	-64.95	-86.44
RMPHrxH2(std_dBm)	-75.68	-74.36	-74.96	-74.96	-88.76



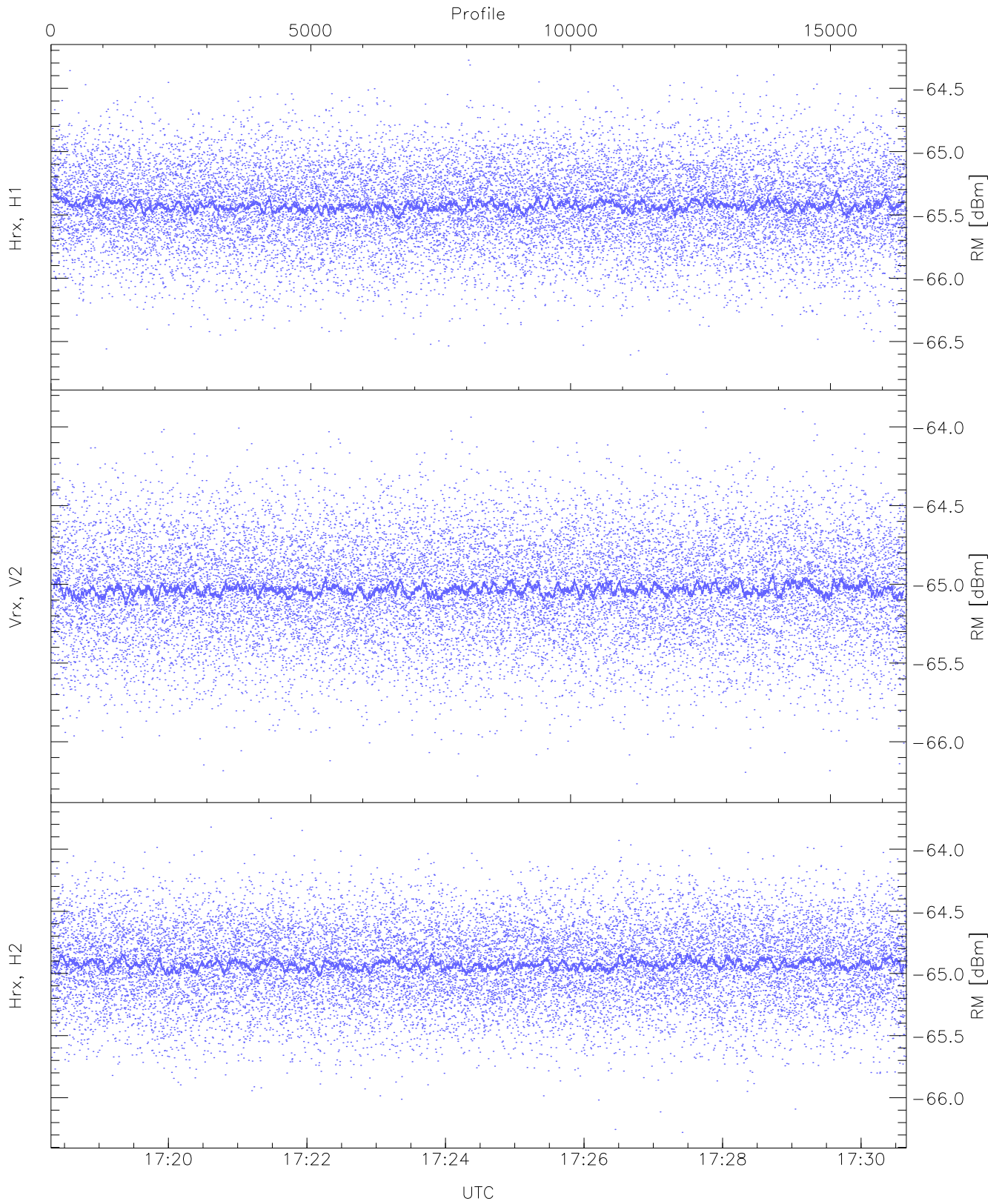
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.25	-63.85	-64.95	-64.96	-76.45
Vrx, V2 (WL [dBm])	-66.61	-63.94	-65.02	-65.03	-76.49
Hrx, H2 (WL [dBm])	-66.14	-63.65	-64.95	-64.96	-76.42



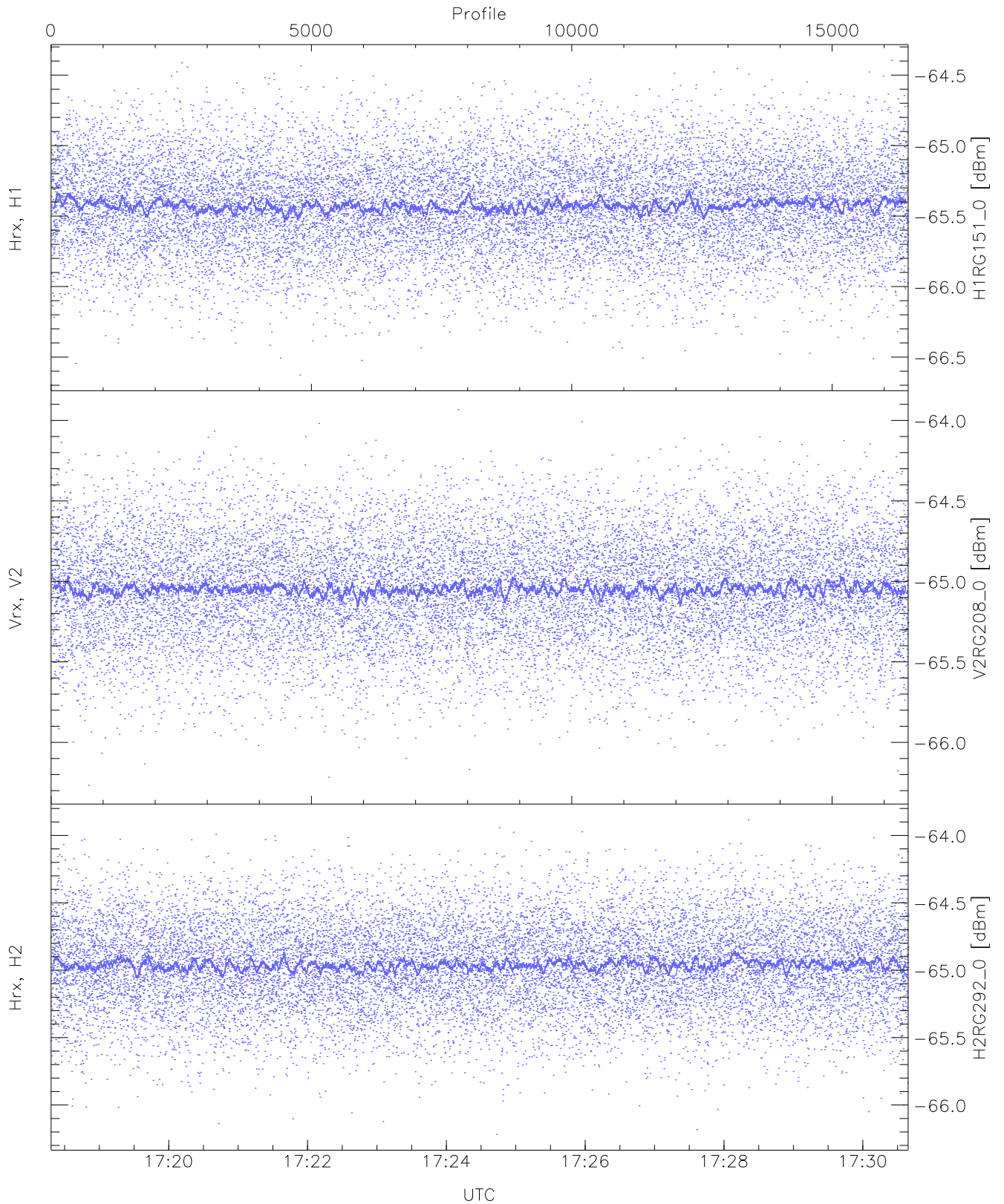
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.87	-63.54	-64.75	-64.76	-76.24
Vrx, V2 (HL [dBm])	-66.11	-63.61	-64.84	-64.84	-76.30
Hrx, H2 (HL [dBm])	-66.01	-63.61	-64.76	-64.77	-76.30



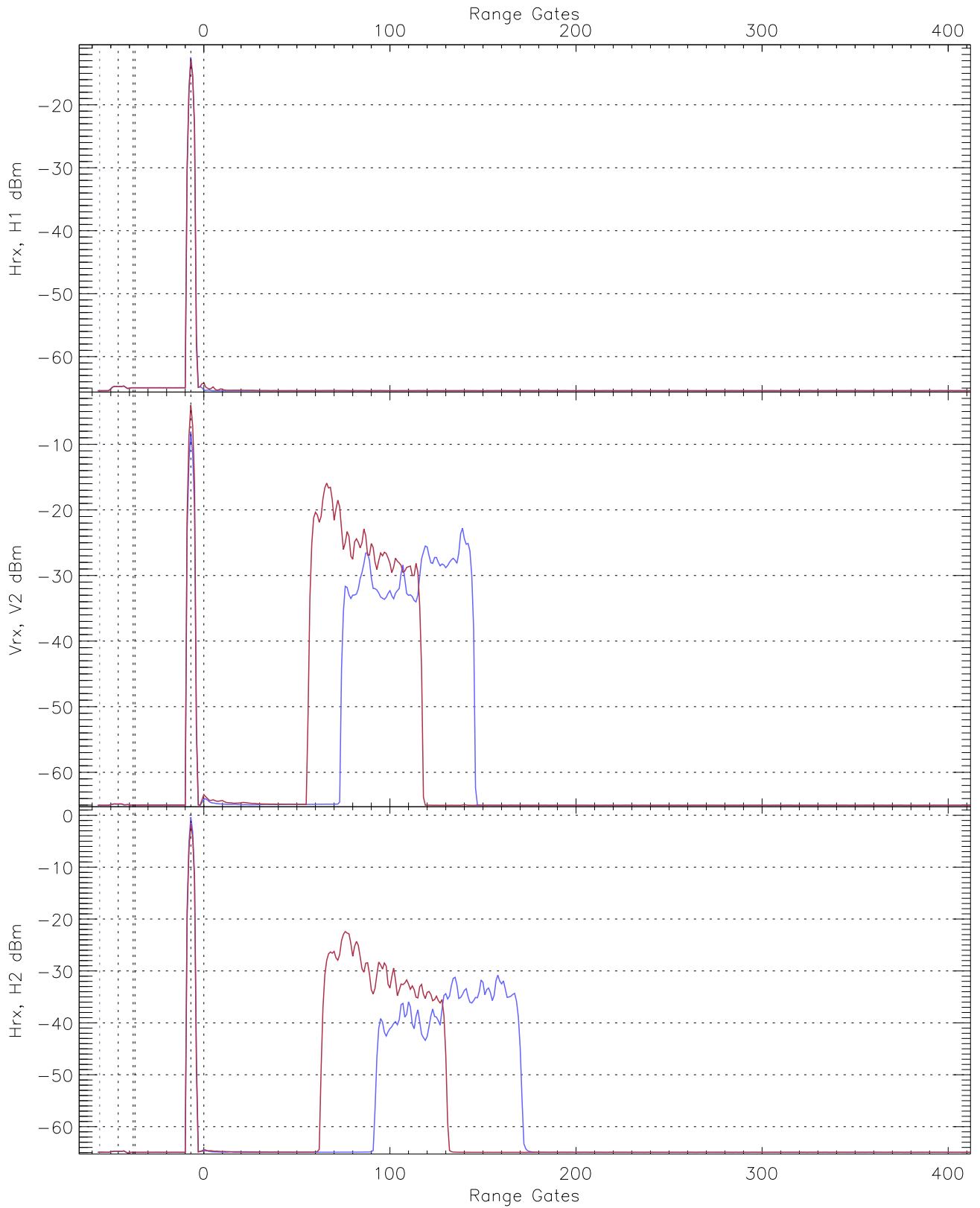
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.76	-64.28	-65.42	-65.42	-76.96
Vrx, V2 (RM [dBm])	-66.27	-63.88	-65.02	-65.03	-76.50
Hrx, H2 (RM [dBm])	-66.28	-63.75	-64.92	-64.93	-76.45

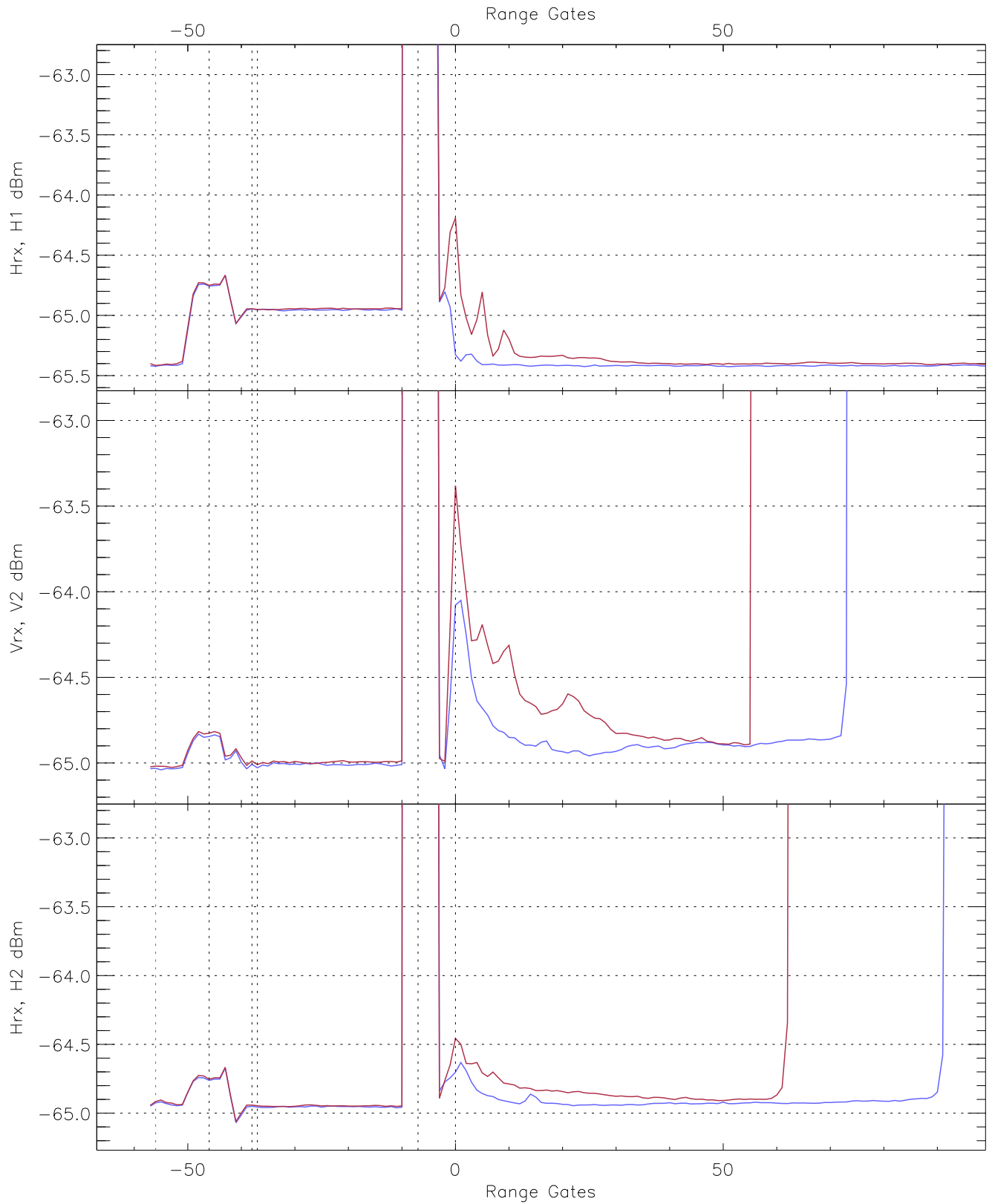


WCR3 CPP "Best" estimate Receivers Noise Power

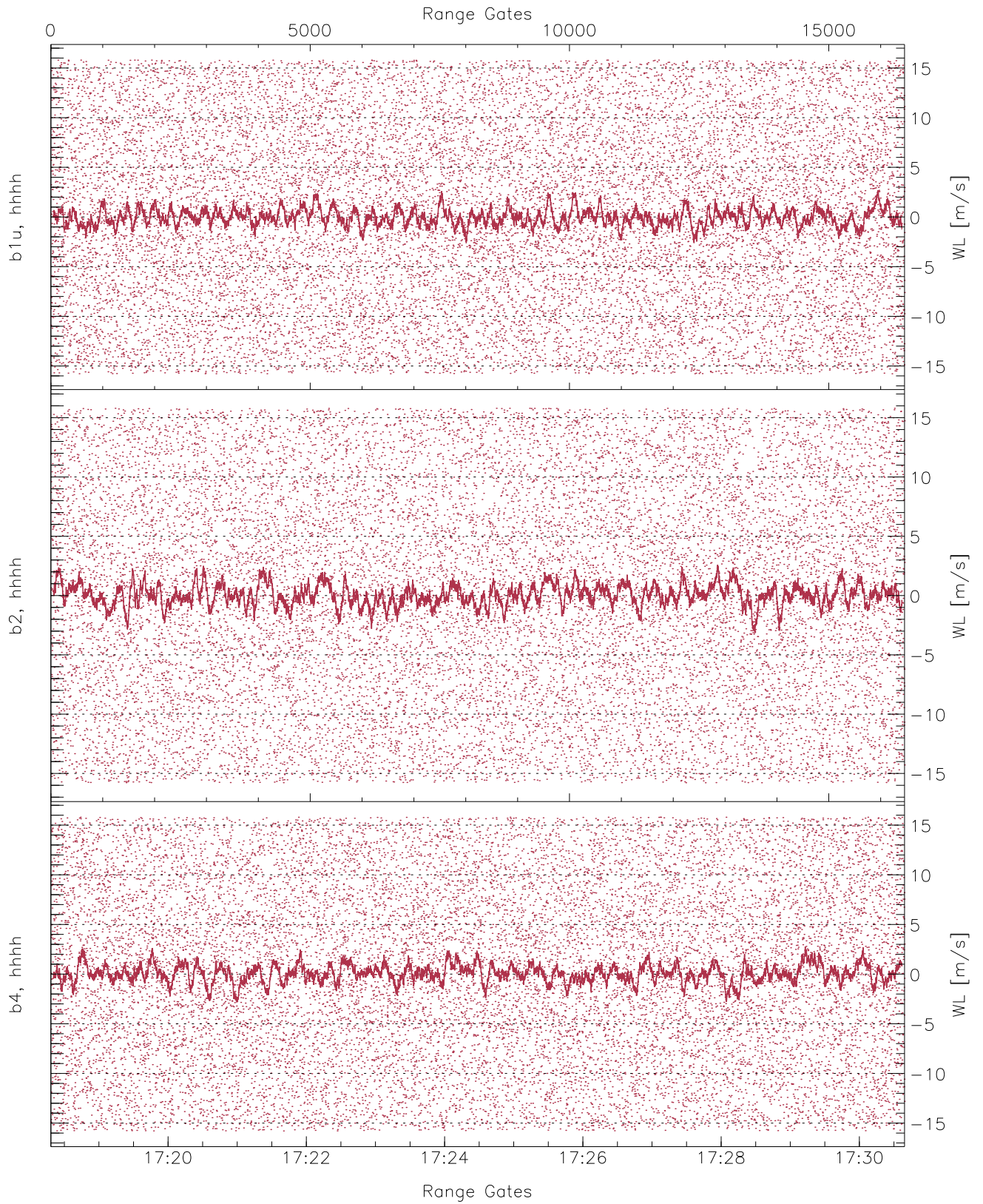
	Min	Max	Mean	Median	StDev
H1RG151_0 [dBm]	-66.63	-64.40	-65.42	-65.43	-76.92
V2RG208_0 [dBm]	-66.27	-63.93	-65.04	-65.05	-76.53
H2RG292_0 [dBm]	-66.22	-63.88	-64.95	-64.96	-76.46



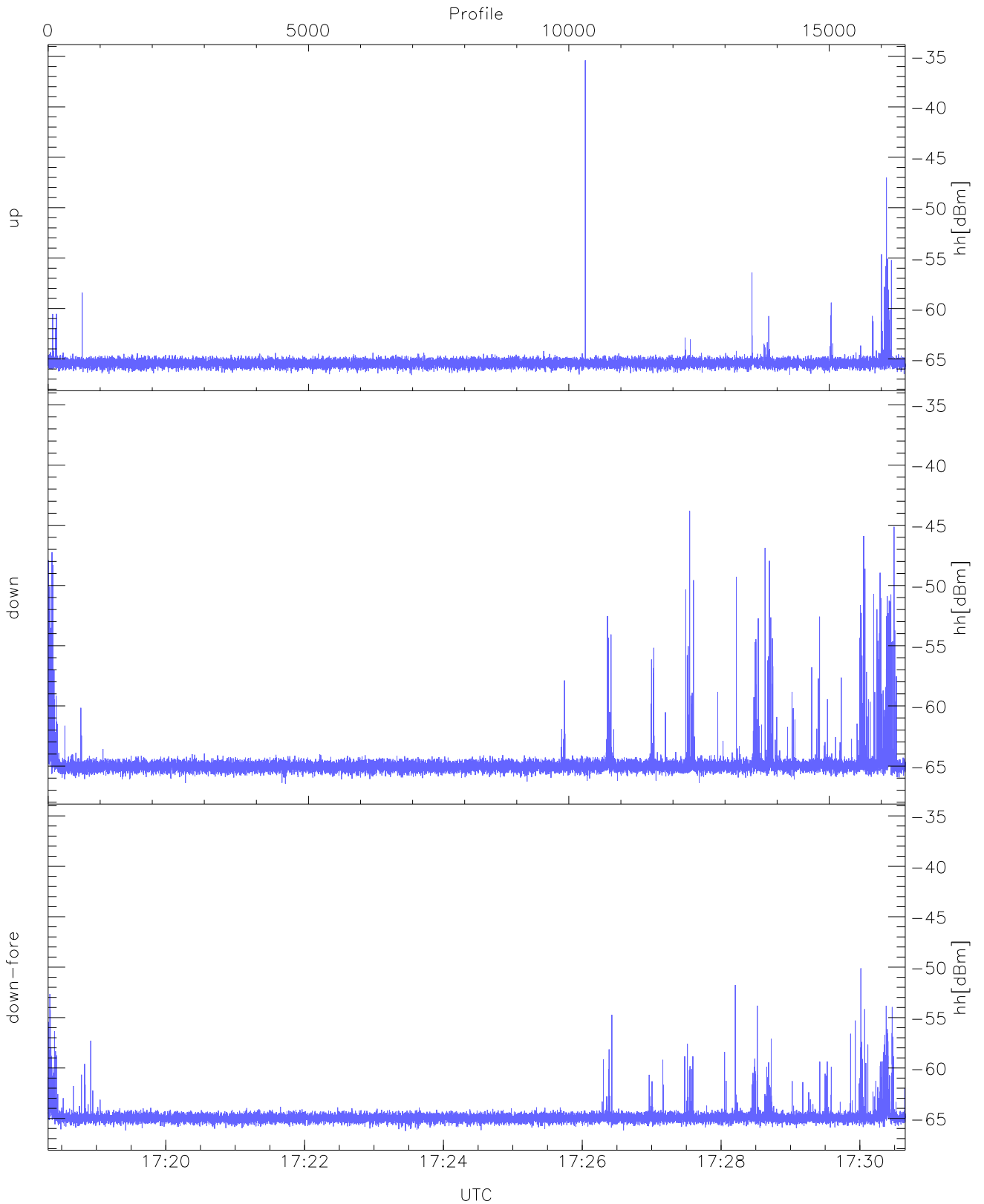
WCR3 CPP Averaged Received power for all recorded gates
blue: 171818-172429, 8232 profiles averaged
red: 172429-173039, 8231 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 171818-172429, 8232 profiles averaged
red: 172429-173039, 8231 profiles averaged

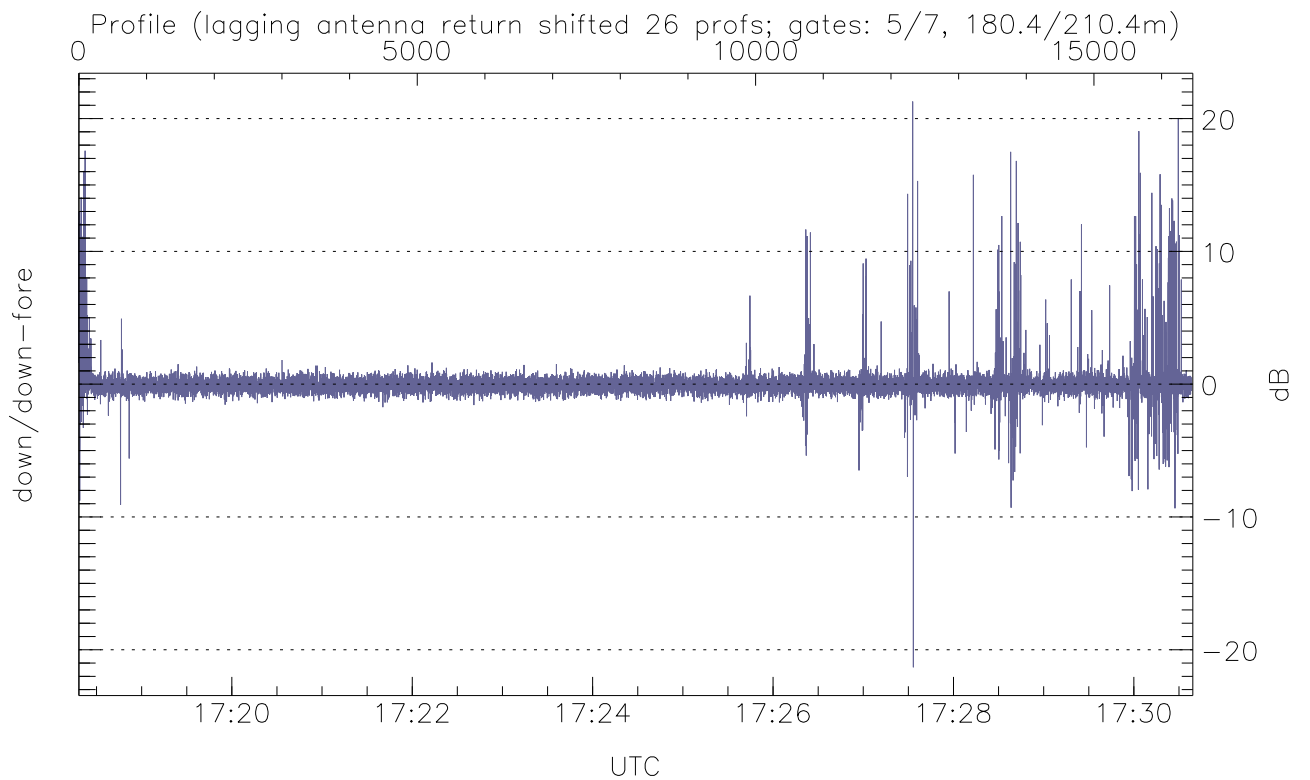
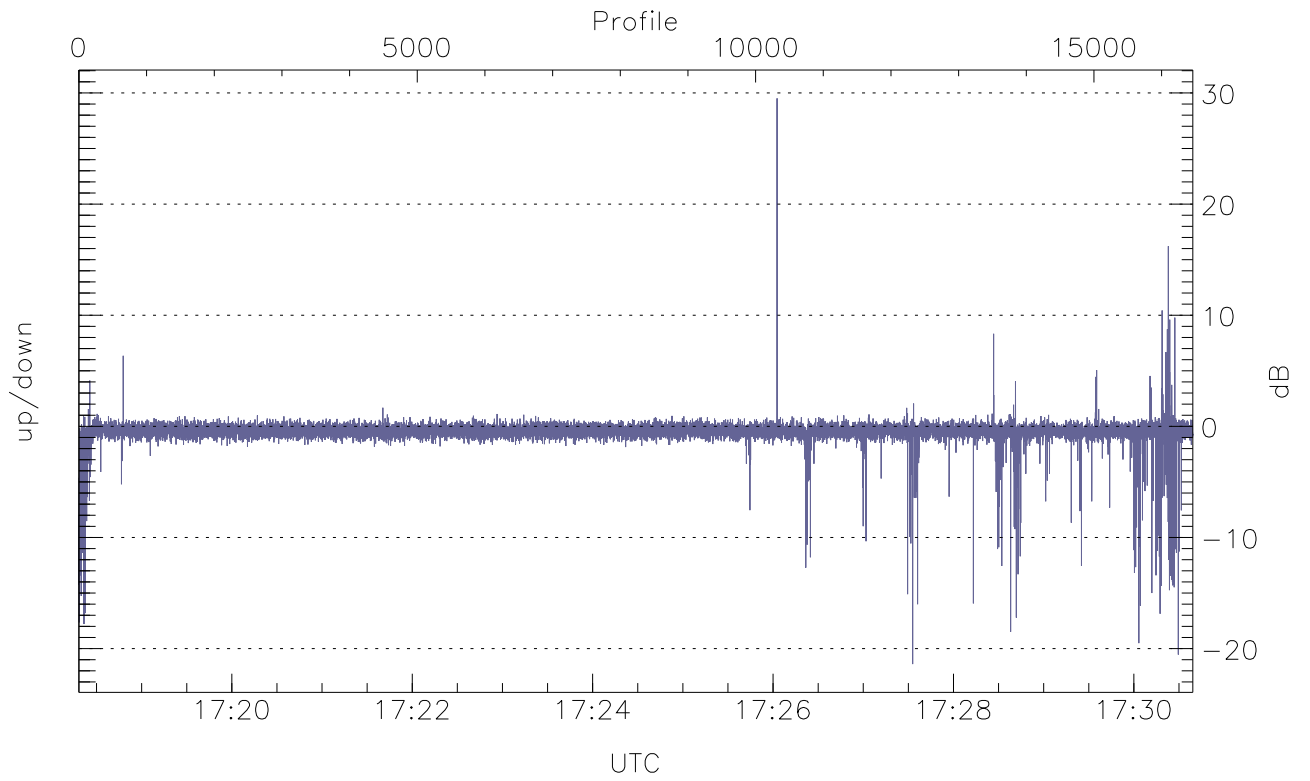


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



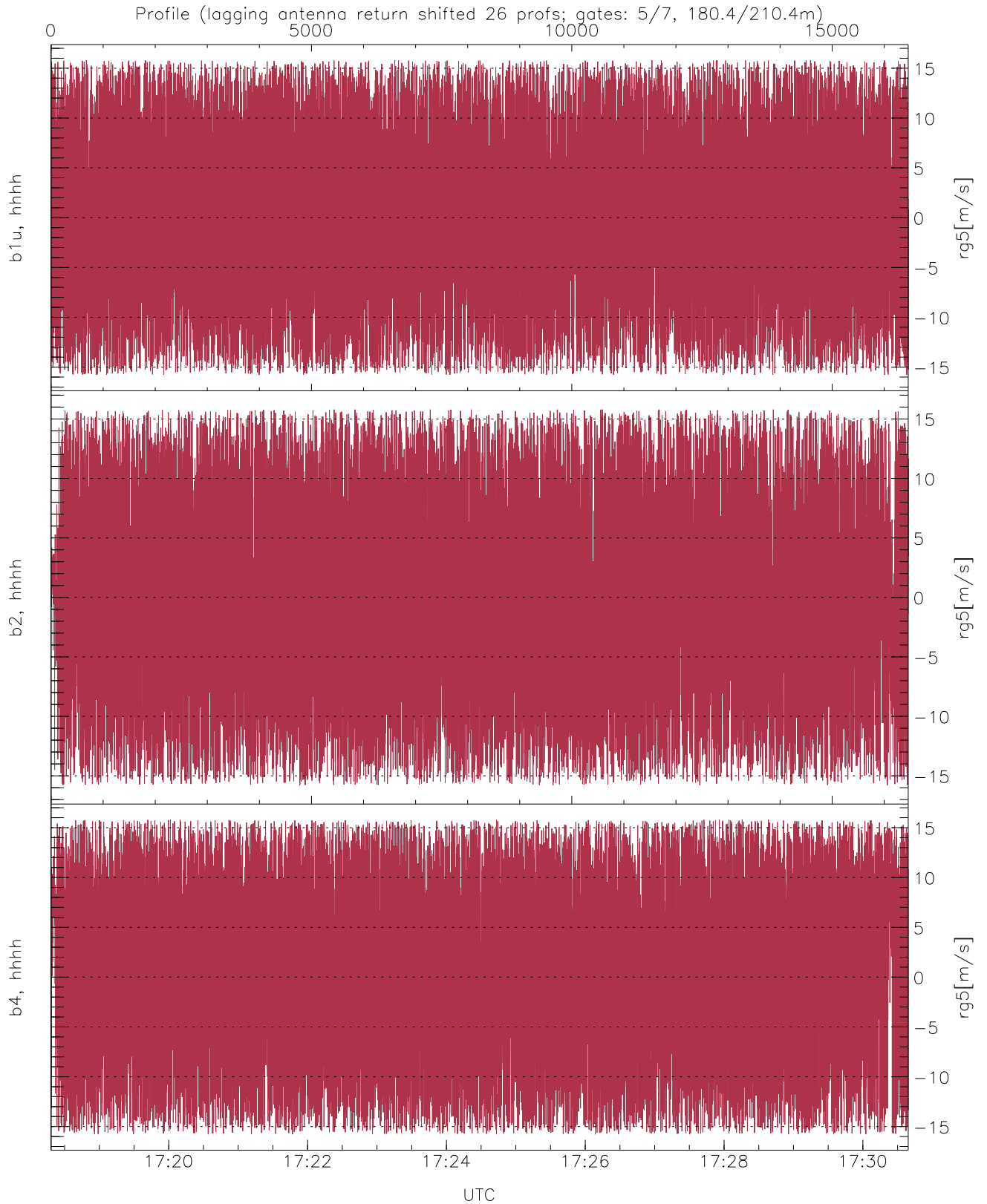
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.59	-35.39	-65.10
down(hh[dBm])	-66.45	-43.81	-64.43
down-fore(hh[dBm])	-66.25	-50.11	-64.78



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

	Min	Max	Mean
up/down (dB)	-21.39	29.52	-0.52
down/down-fore (dB)	-21.32	21.28	0.01



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.11	8.54
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.18	8.32
b4, hhhh(rg5[m/s])	-15.78	15.79	0.22	8.81