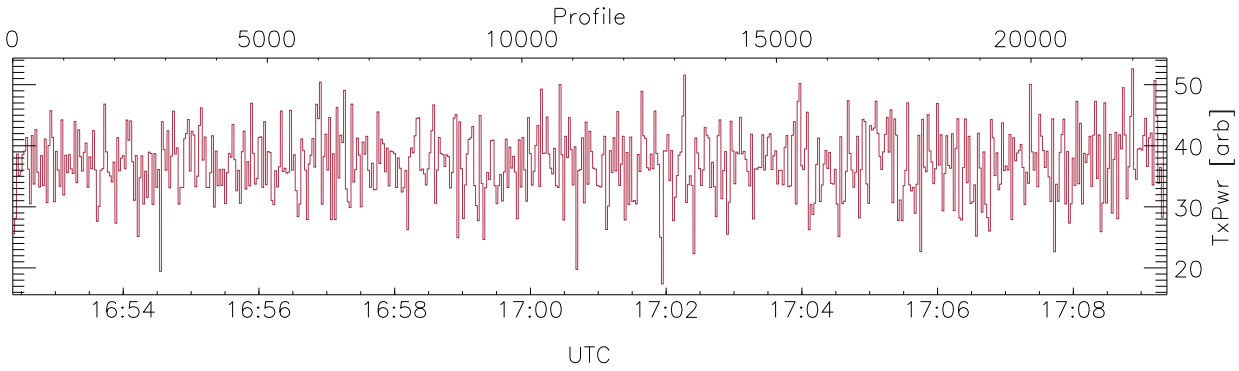
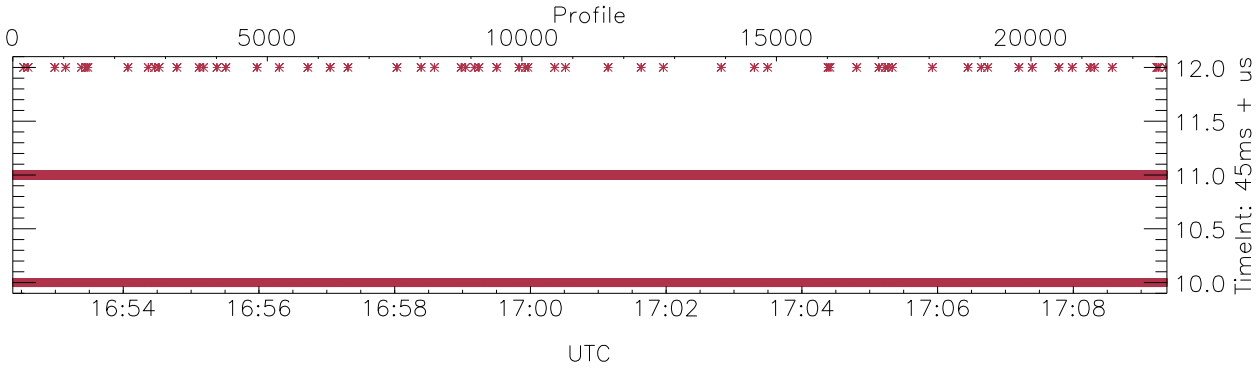
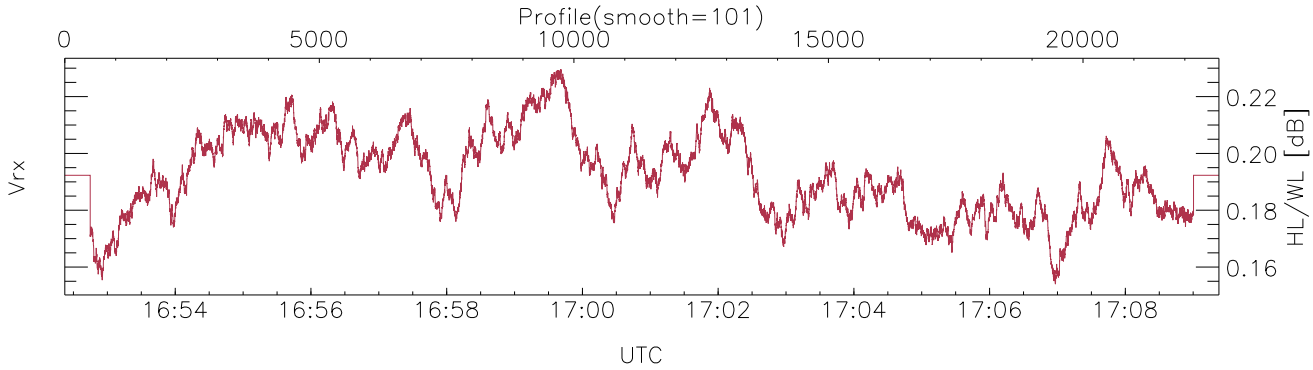
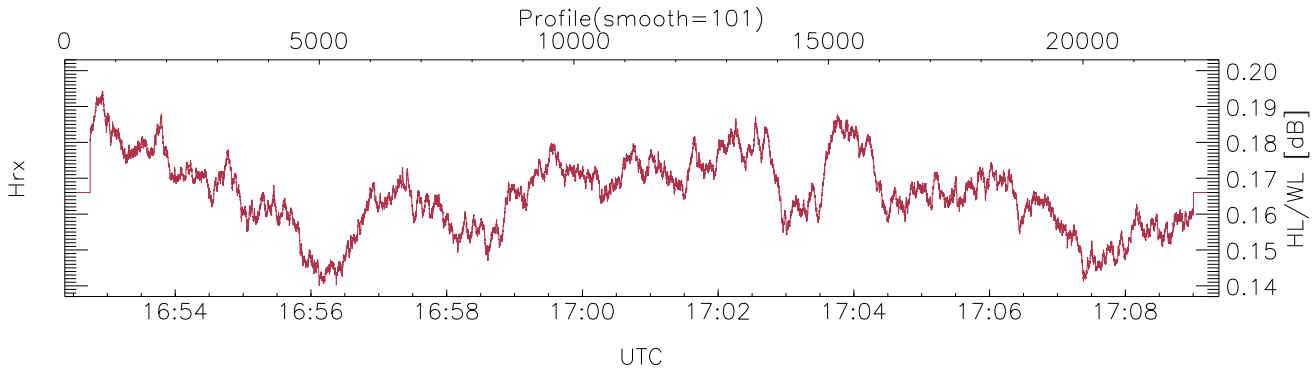


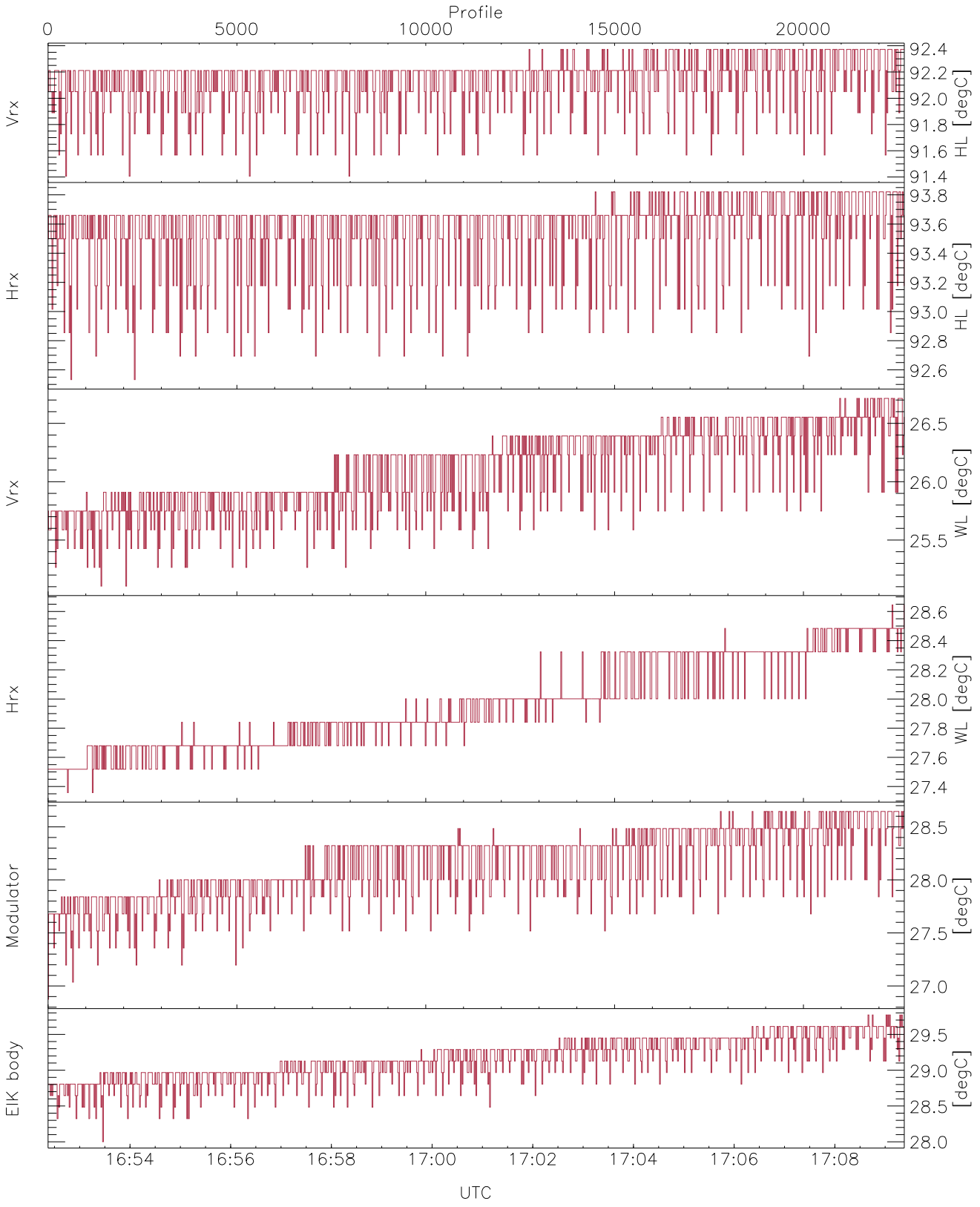






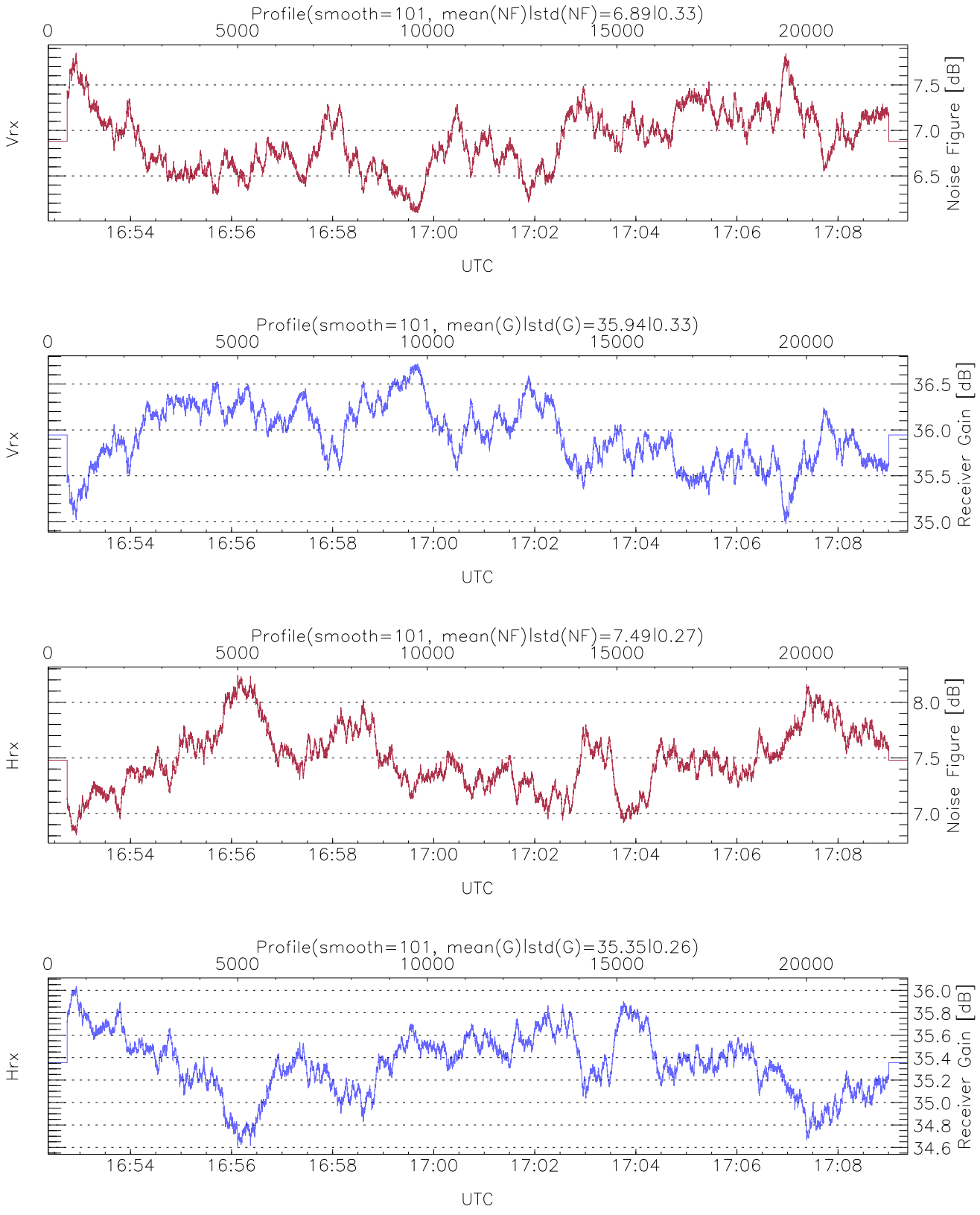
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:52:22-17:09:23, TimeCor: 0.00s, Dur: 1020.45s
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): 22672/22672, 0-22671/16:52:22-17:09:23
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|sideluplerror): 1



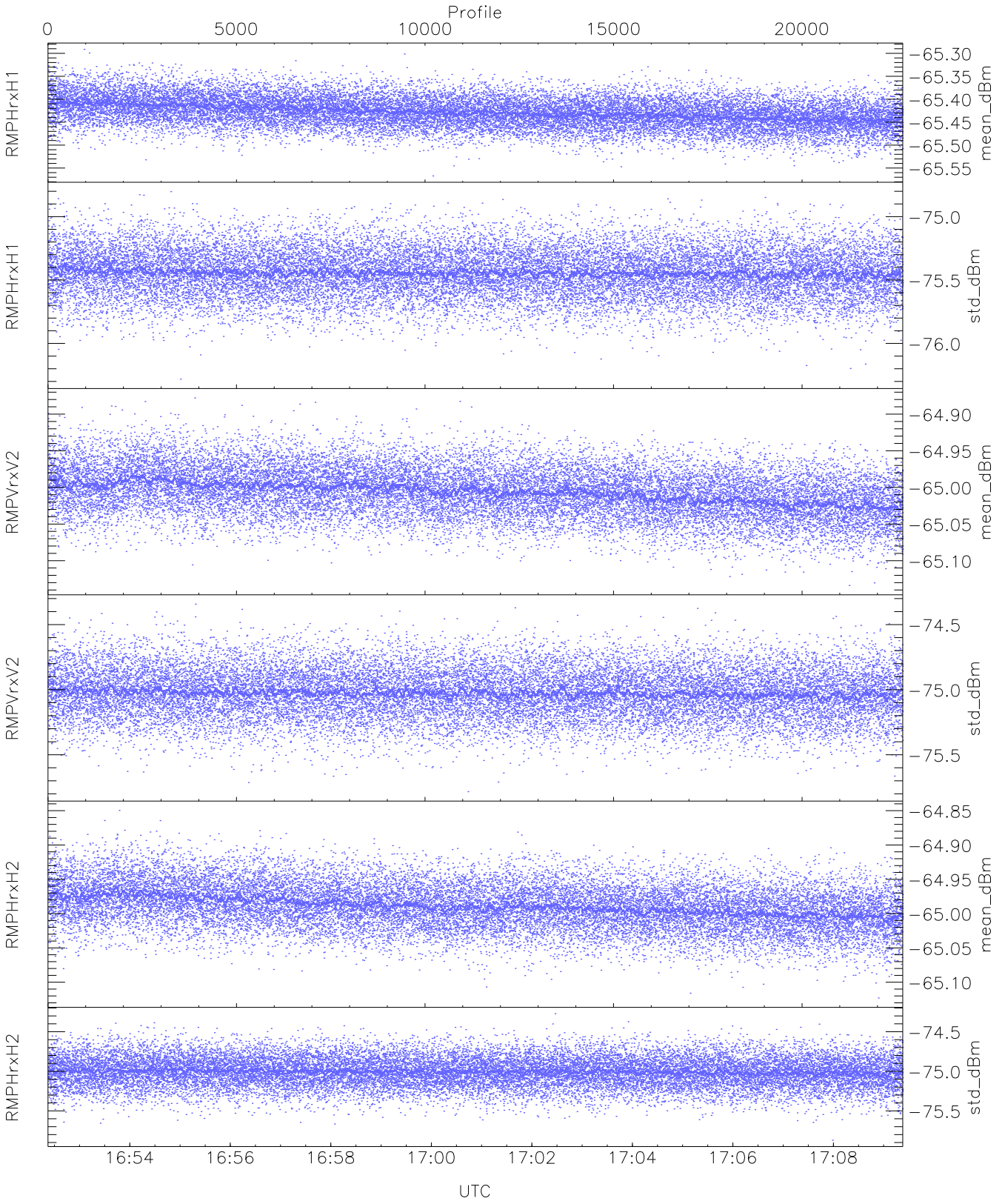
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,26,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,26,28,28,29
LOalarm(20,240,2817,14861 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (22,22,22,22,22,22)



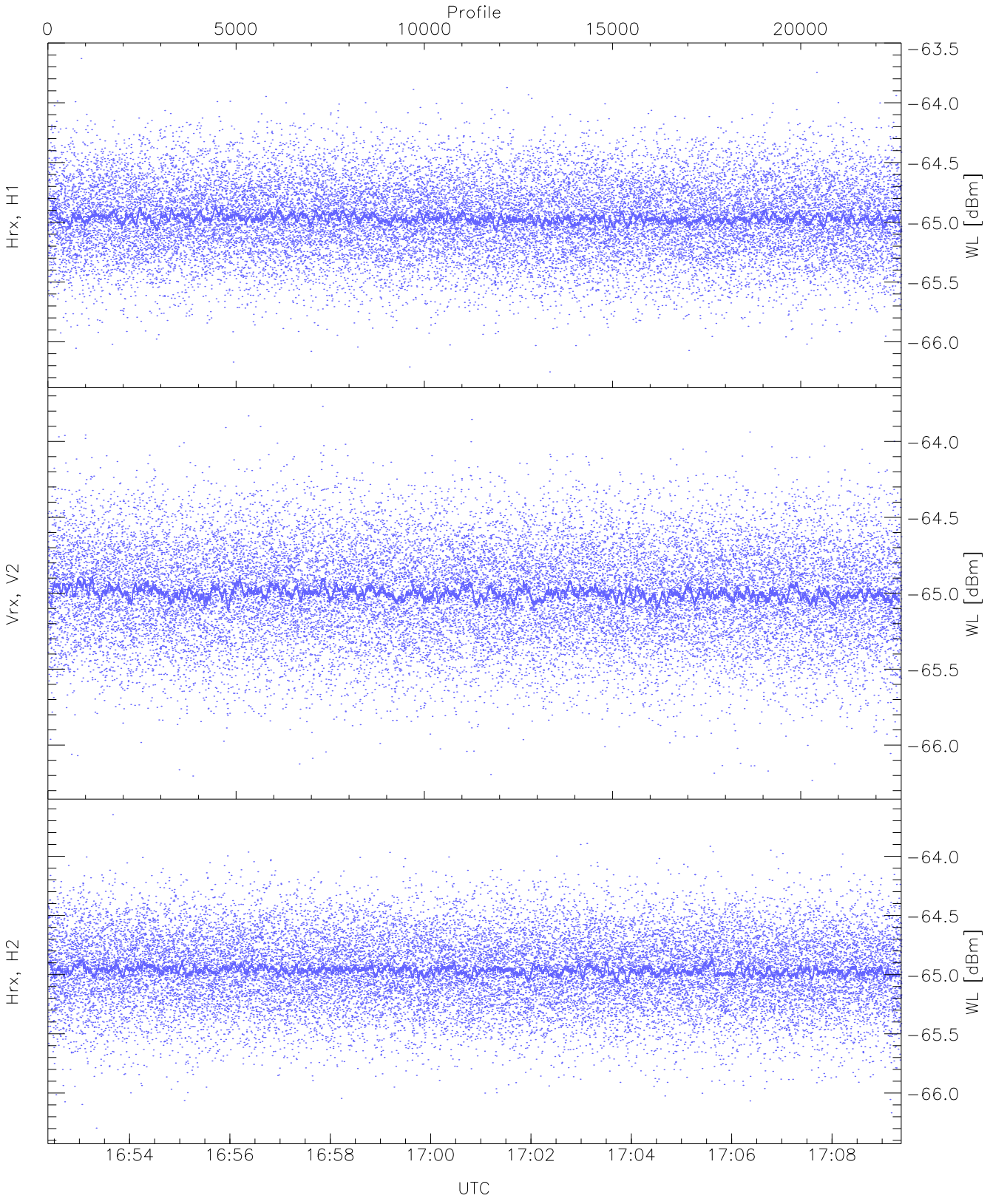
WCR3 CPP Receivers Gain and Noise Figure

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



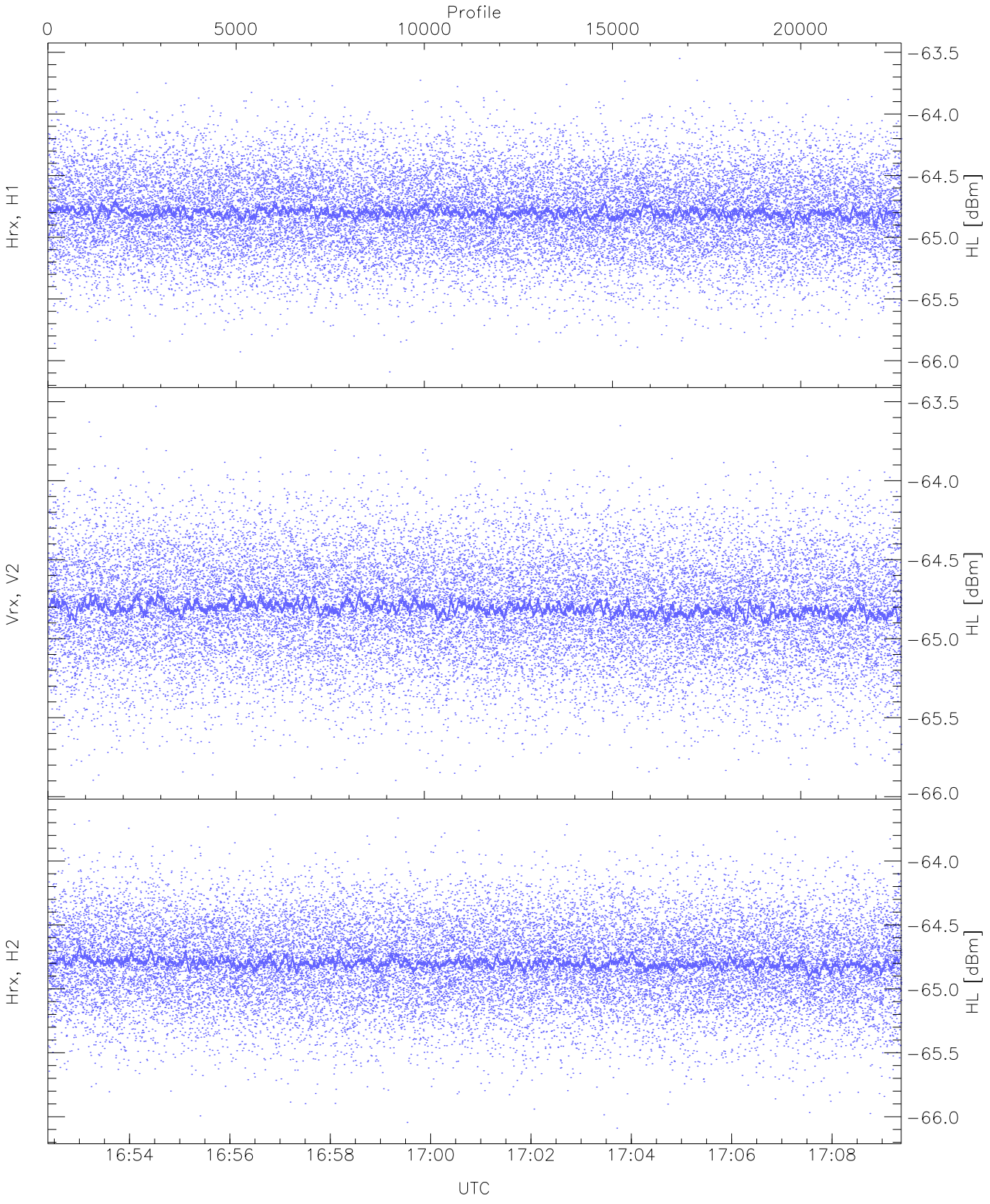
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.57	-65.29	-65.43	-65.43	-86.76
RMPHrxH1(std_dBm)	-76.28	-74.80	-75.44	-75.45	-89.27
RMPVrxV2(mean_dBm)	-65.13	-64.88	-65.01	-65.01	-86.33
RMPVrxV2(std_dBm)	-75.78	-74.34	-75.03	-75.03	-88.82
RMPHrxH2(mean_dBm)	-65.12	-64.85	-64.99	-64.99	-86.34
RMPHrxH2(std_dBm)	-75.87	-74.27	-75.00	-75.01	-88.80



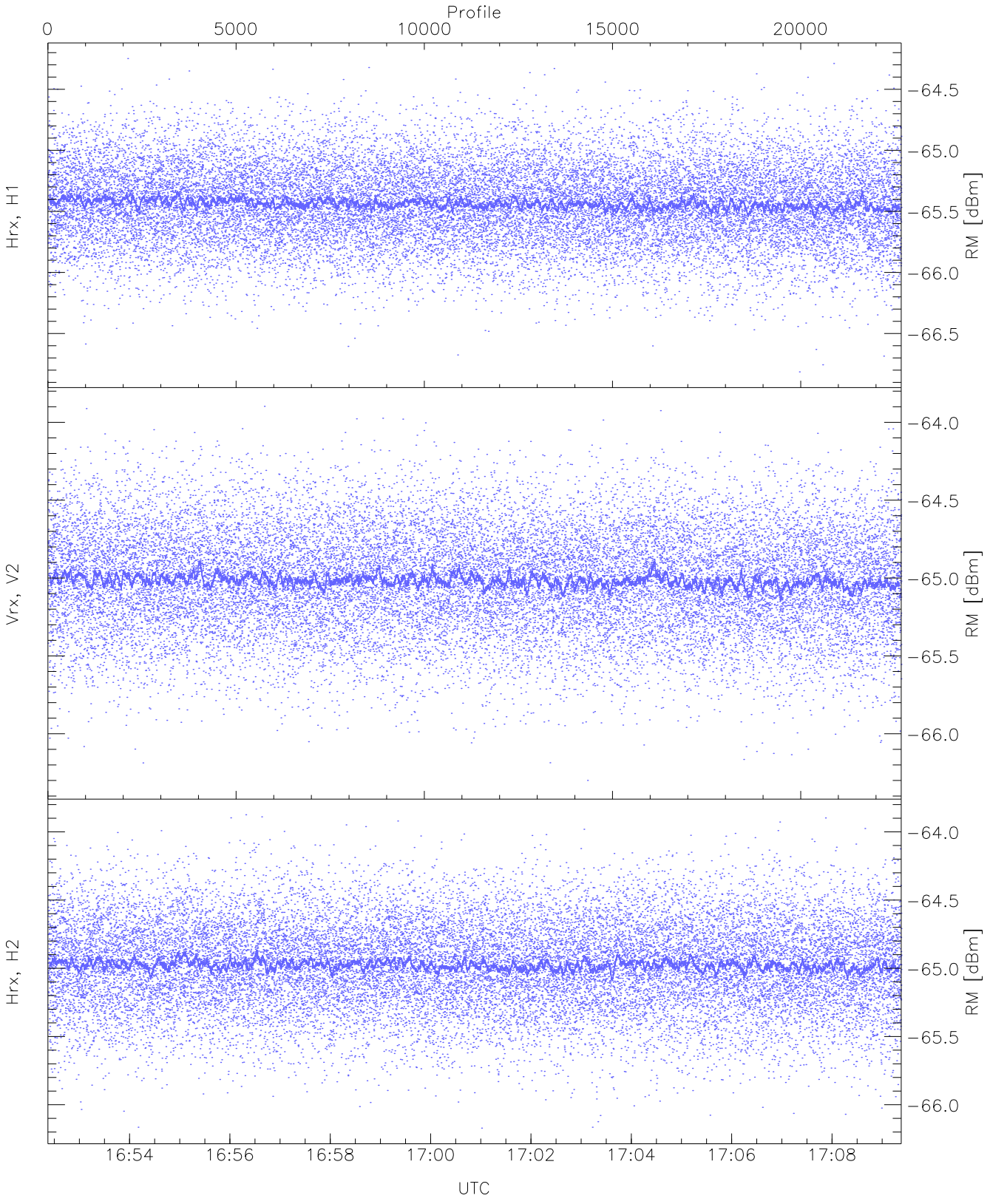
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.25	-63.63	-64.96	-64.97	-76.45
Vrx, V2(WL [dBm])	-66.23	-63.77	-64.99	-65.00	-76.49
Hrx, H2(WL [dBm])	-66.30	-63.65	-64.96	-64.96	-76.48



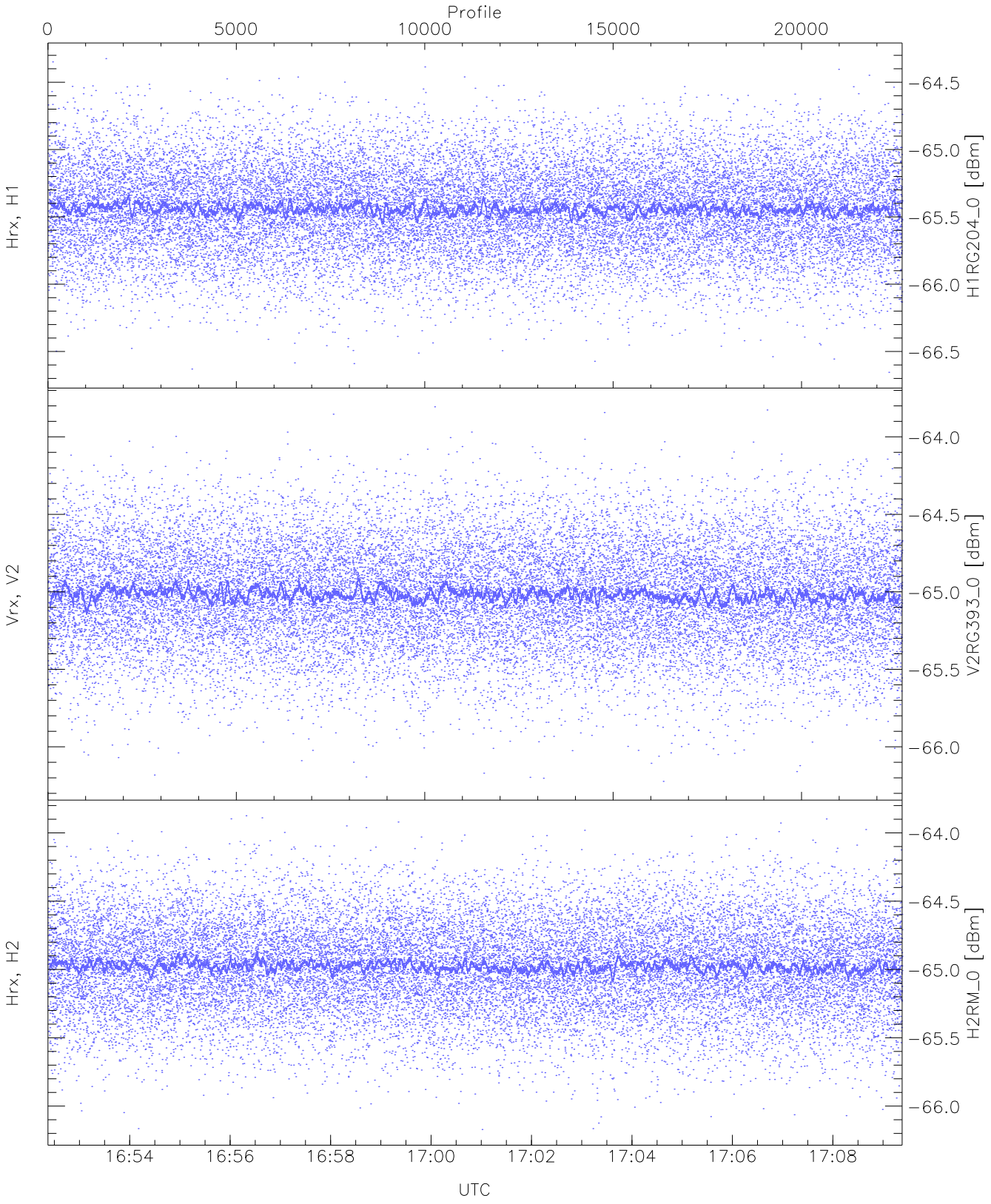
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.09	-63.55	-64.79	-64.80	-76.31
Vrx, V2(HL [dBm])	-65.90	-63.53	-64.80	-64.81	-76.31
Hrx, H2(HL [dBm])	-66.09	-63.64	-64.79	-64.80	-76.28



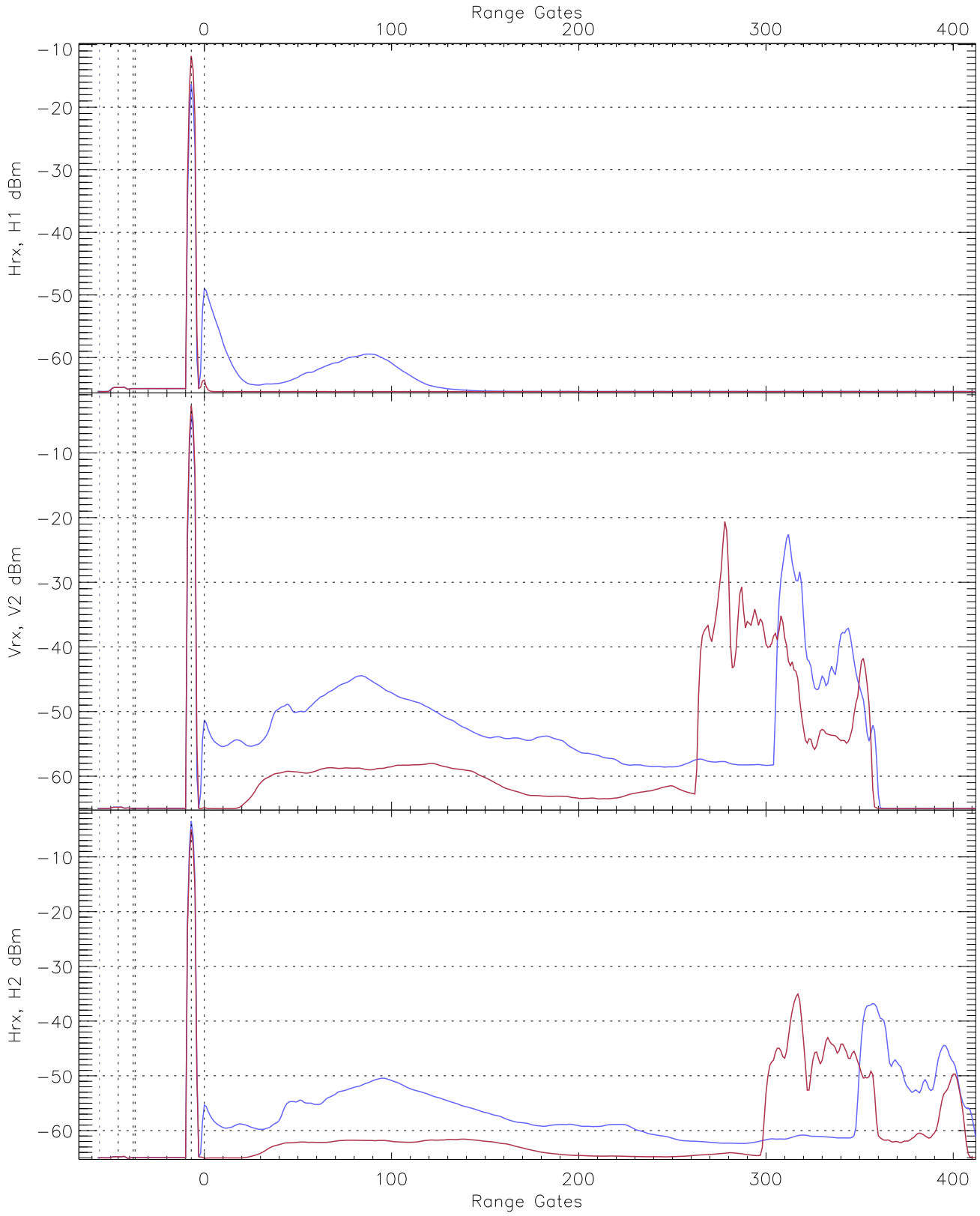
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.81	-64.25	-65.43	-65.44	-76.88
Vrx, V2(RM [dBm])	-66.30	-63.90	-65.01	-65.02	-76.45
Hrx, H2(RM [dBm])	-66.17	-63.87	-64.97	-64.97	-76.46

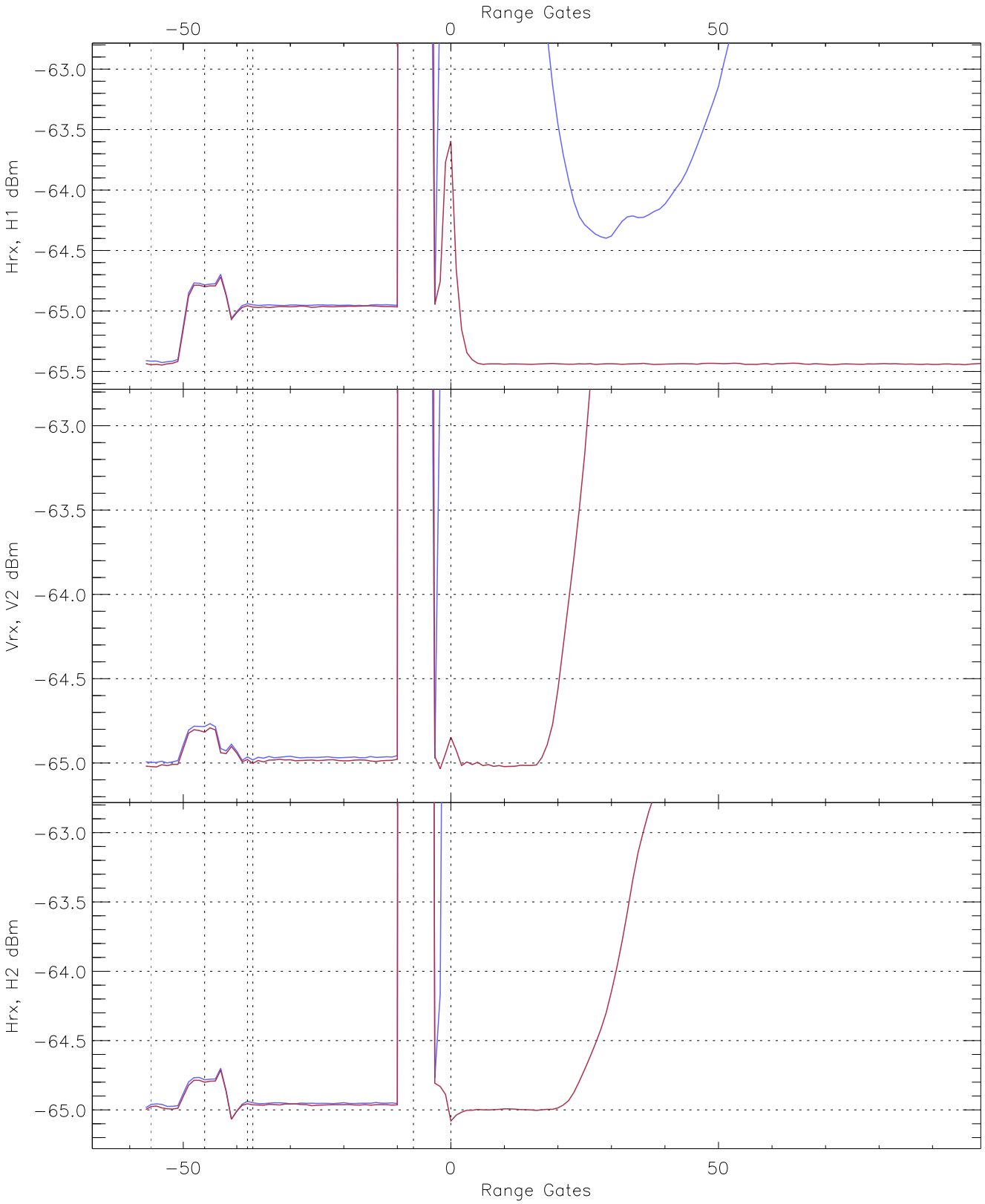


WCR3 CPP "Best" estimate Receivers Noise Power

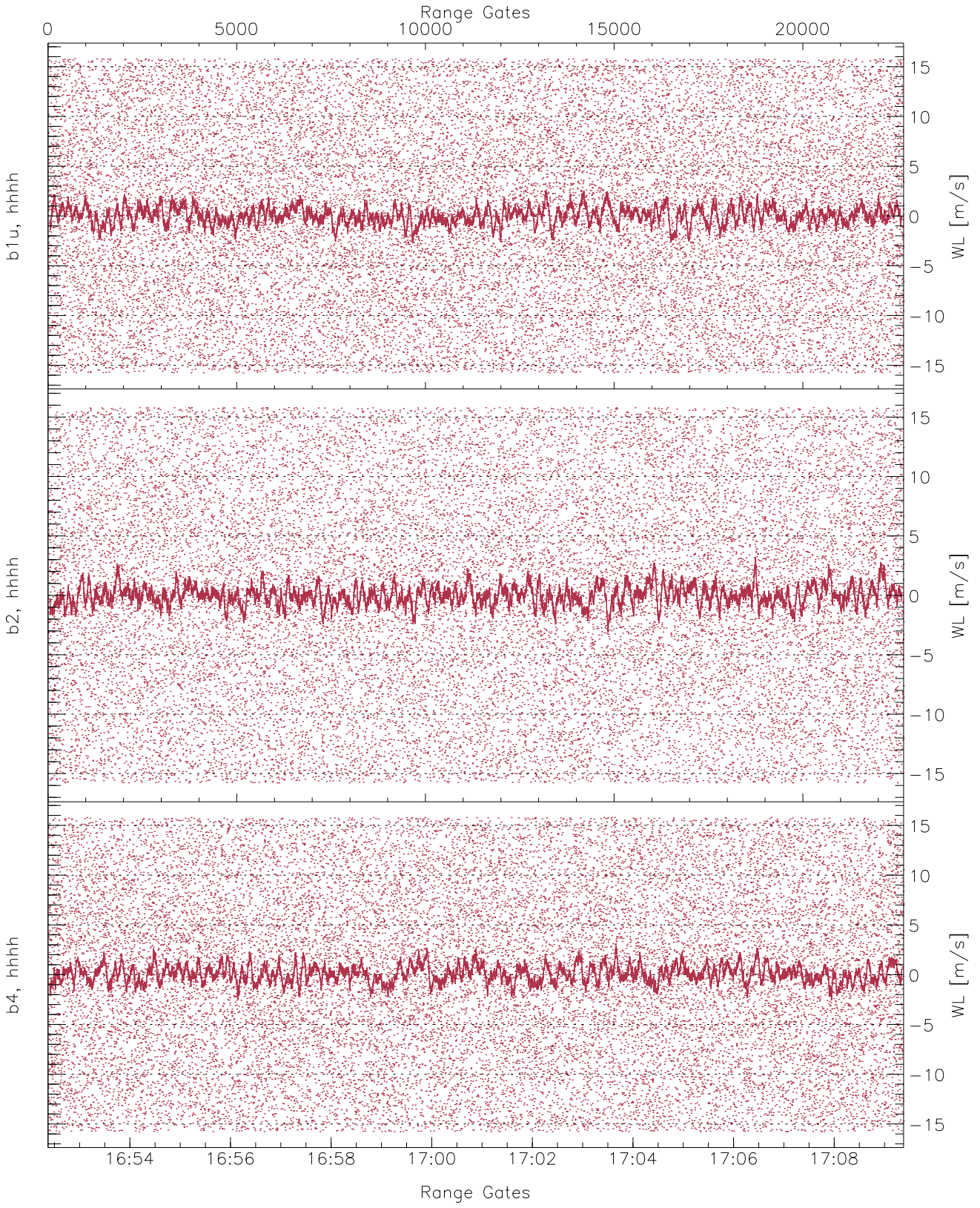
	Min	Max	Mean	Median	StDev
H1RG204_0 [dBm]	-66.65	-64.32	-65.43	-65.44	-76.95
V2RG393_0 [dBm]	-66.22	-63.81	-65.01	-65.02	-76.50
H2RM_0 [dBm]	-66.17	-63.87	-64.97	-64.97	-76.46



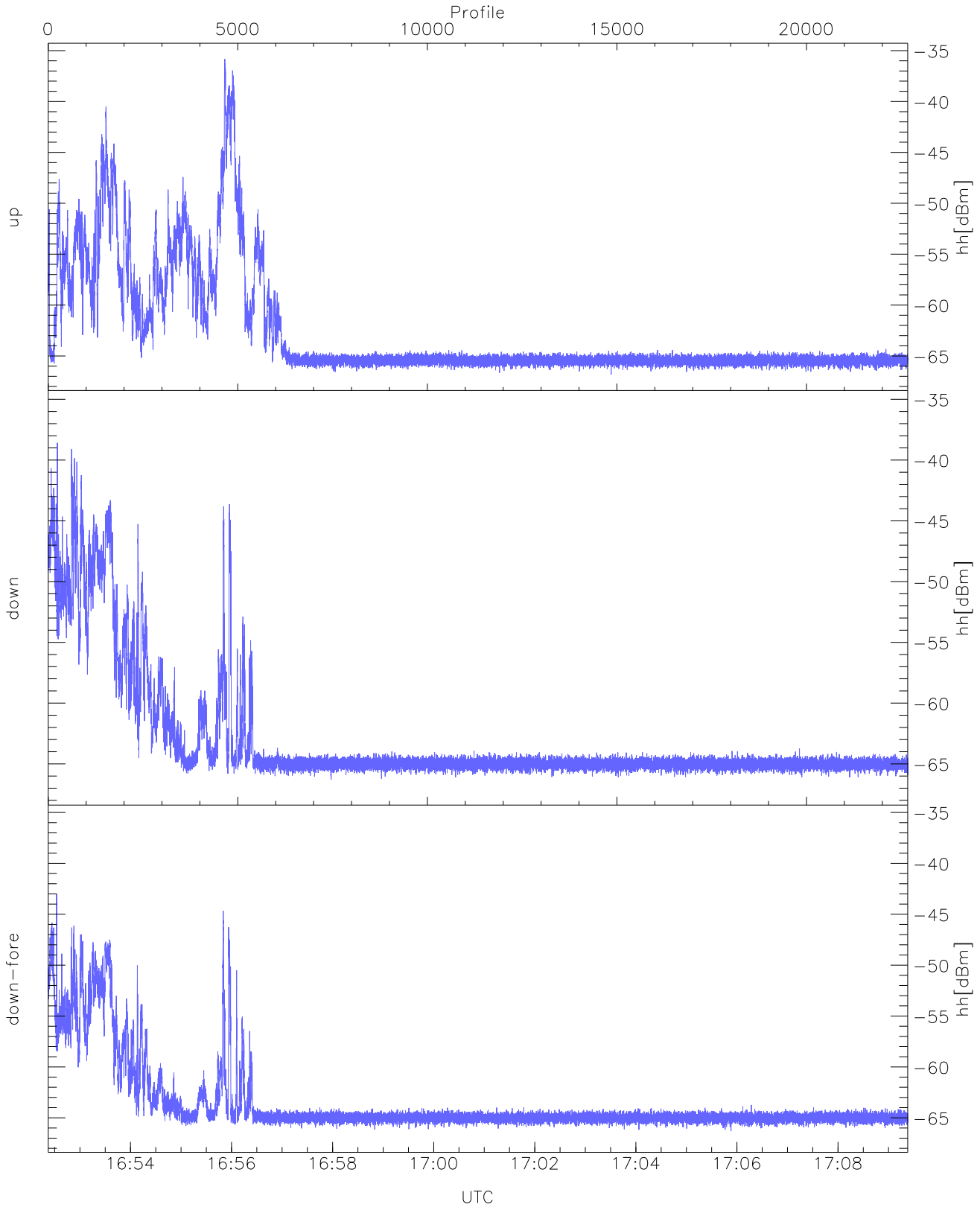
WCR3 CPP Averaged Received power for all recorded gates
blue: 165222-170053, 11337 profiles averaged
red: 170053-170923, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 165222-170053, 11337 profiles averaged
red: 170053-170923, 11336 profiles averaged

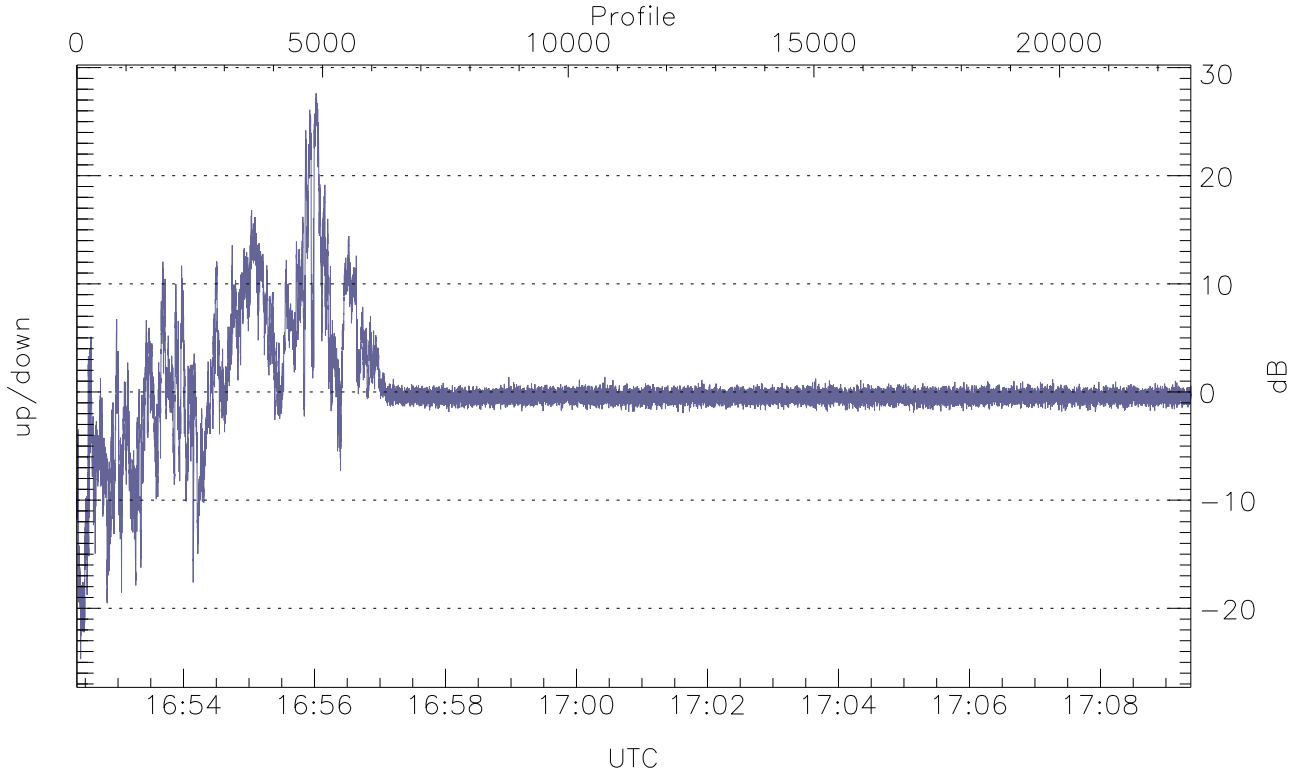


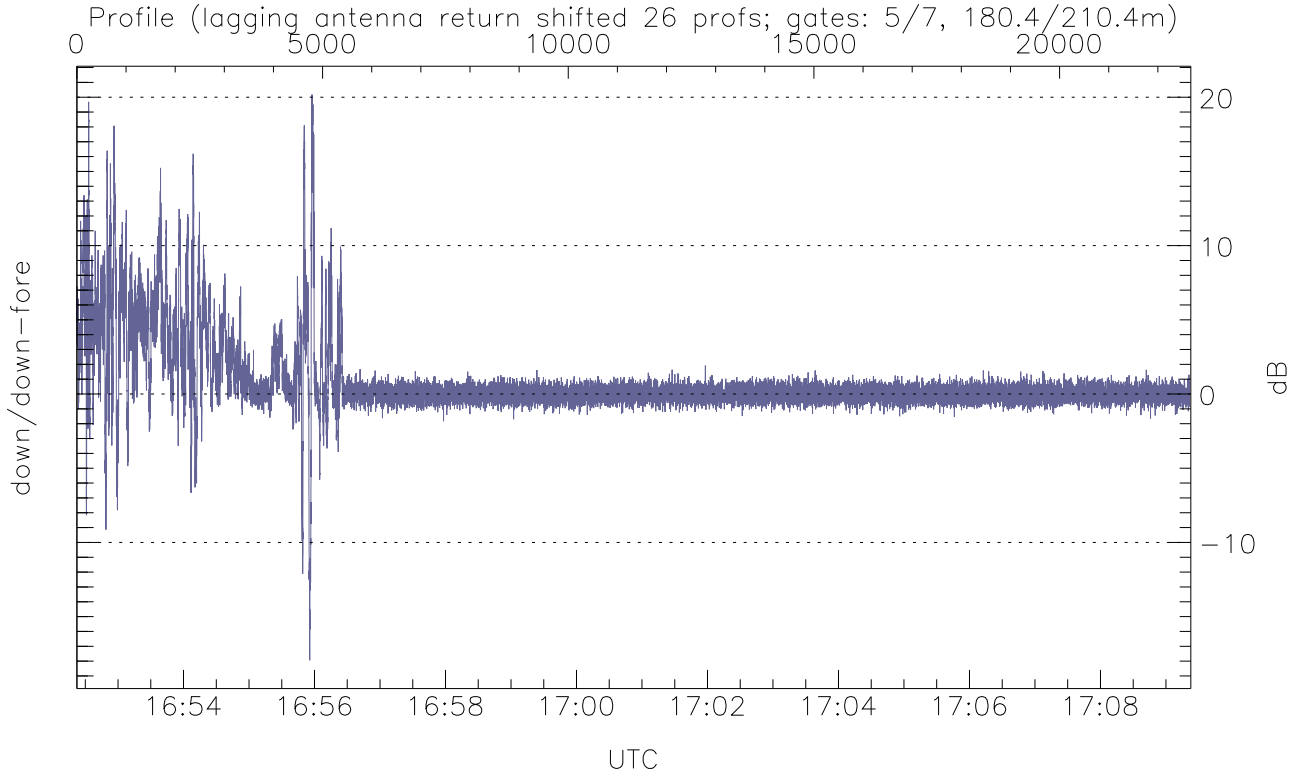
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

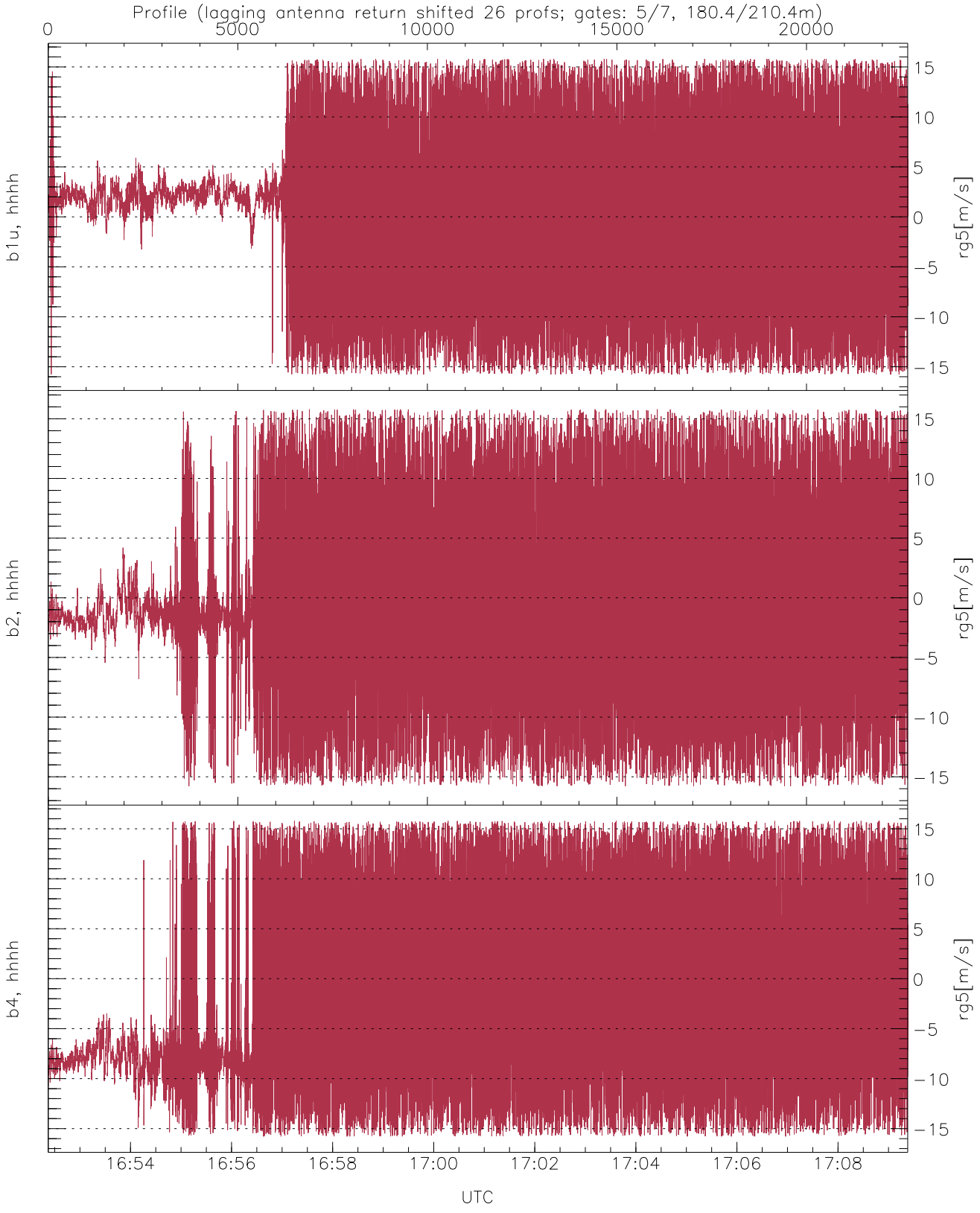
	Min	Max	Mean
up(hh[dBm])	-66.84	-35.82	-55.90
down(hh[dBm])	-66.29	-38.58	-57.14
down-fore(hh[dBm])	-66.31	-43.02	-60.41





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

	Min	Max	Mean
up/down(dB)	-24.70	27.62	0.23
down/down-fore(dB)	-17.94	20.18	0.77



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.65	7.49
b2, hhhh(rg5[m/s])	-15.78	15.79	-0.31	7.18
b4, hhhh(rg5[m/s])	-15.79	15.79	-1.77	8.57