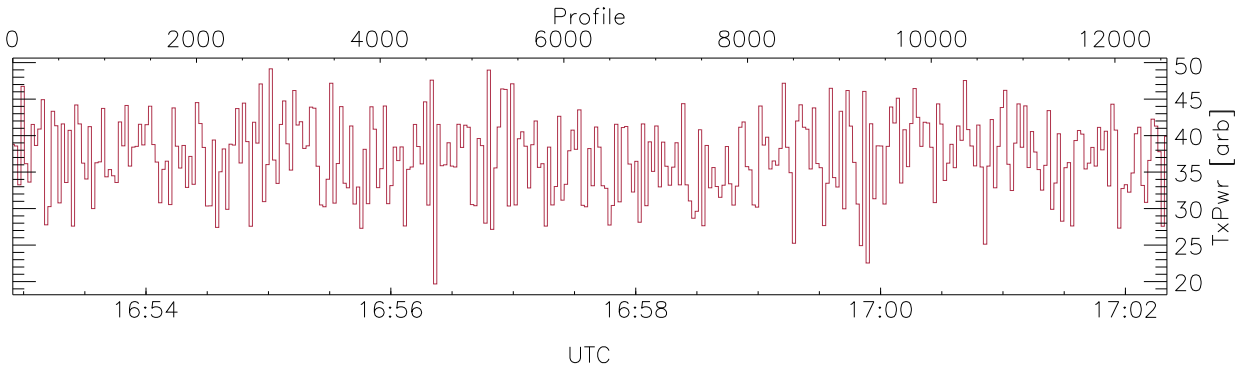
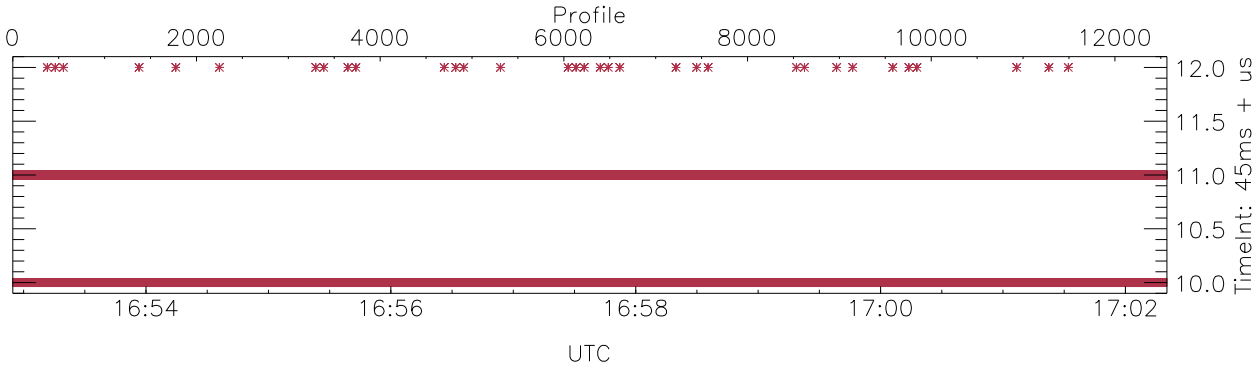
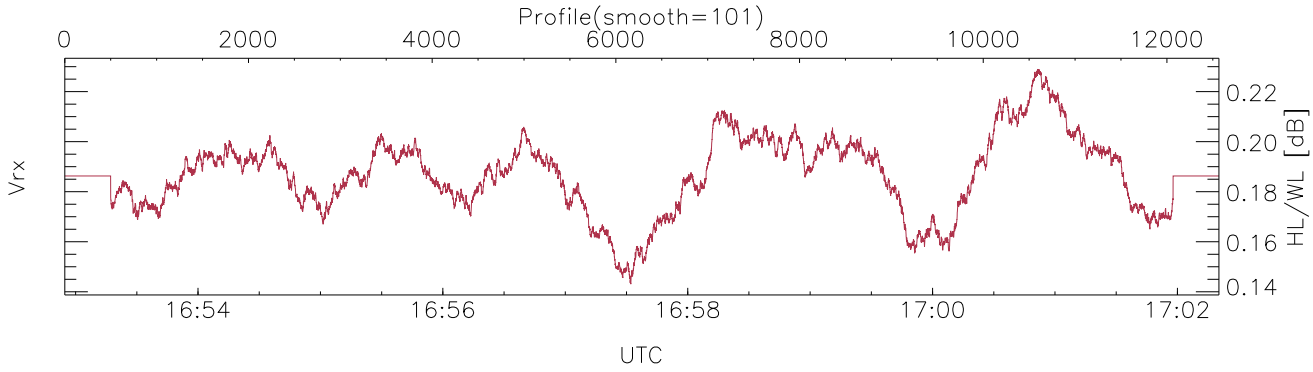
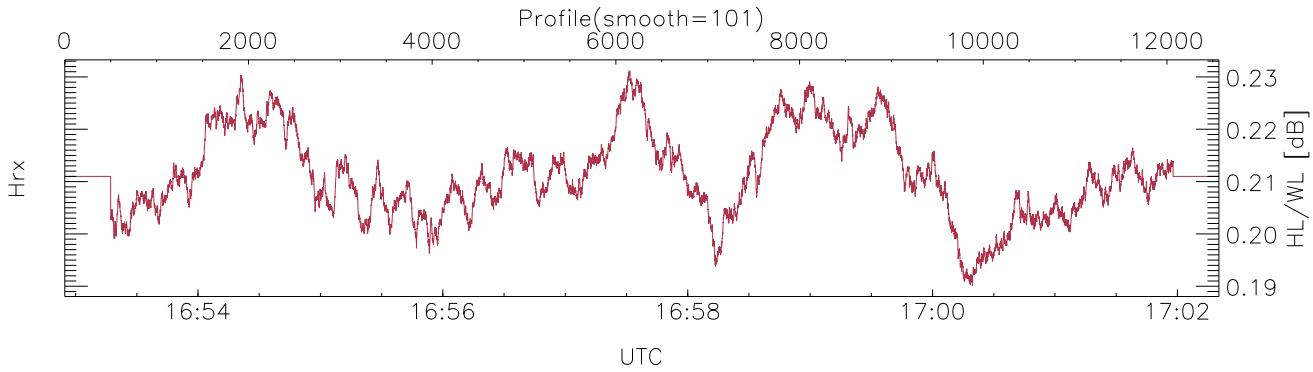


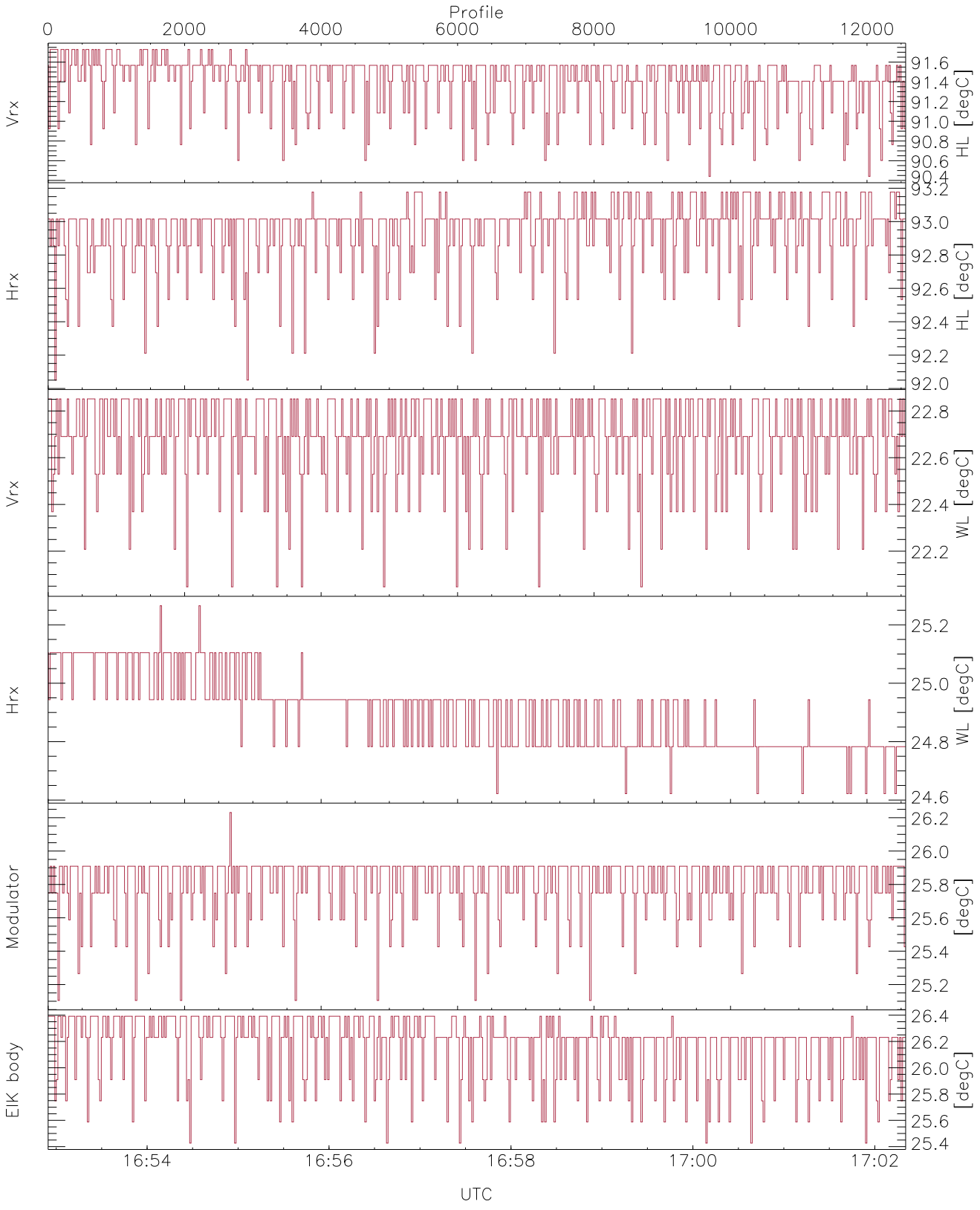






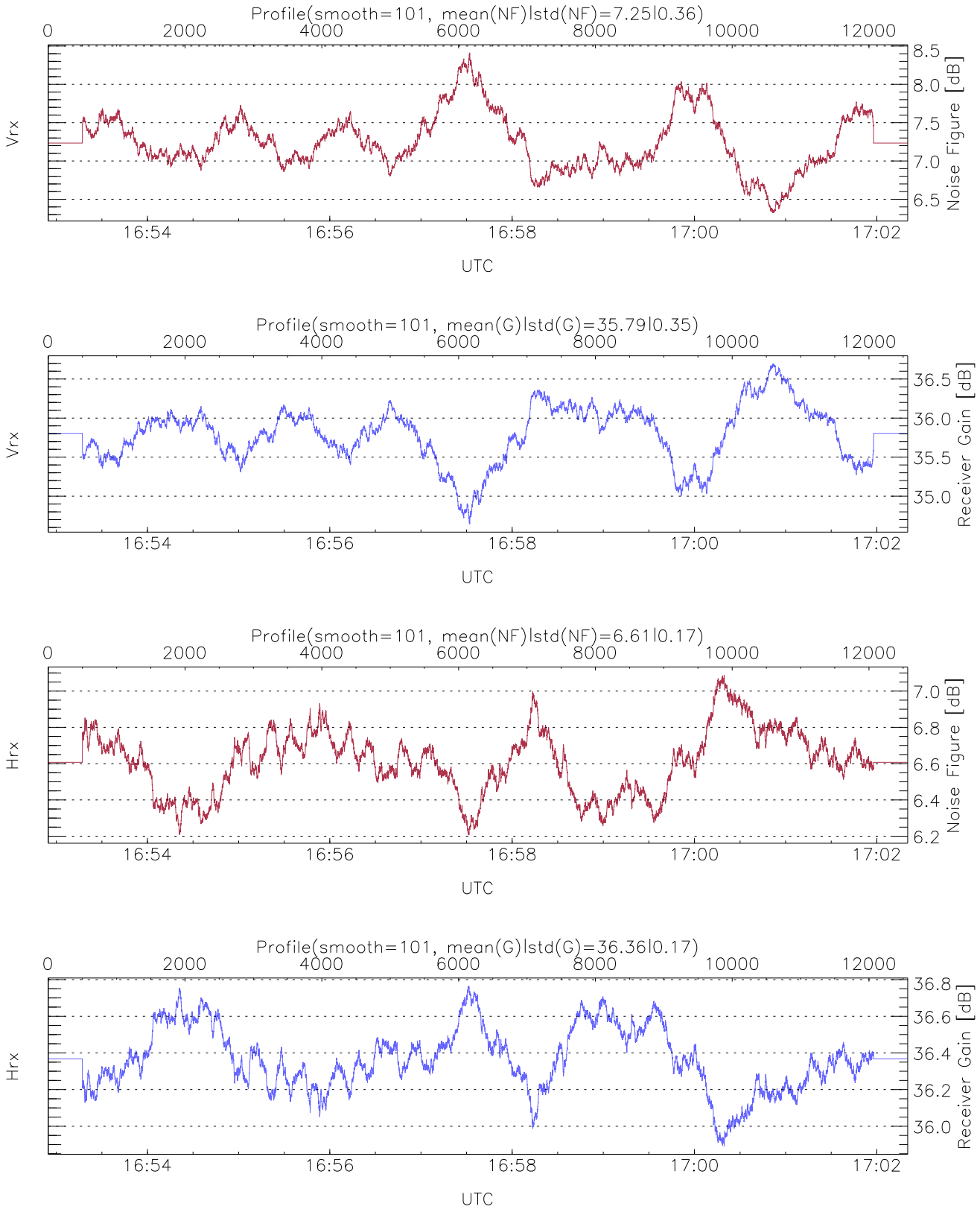
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:52:55-17:02:20, TimeCor: 0.00s, Dur: 565.66s
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): 12568/12568, 0-12567/16:52:55-17:02:20
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



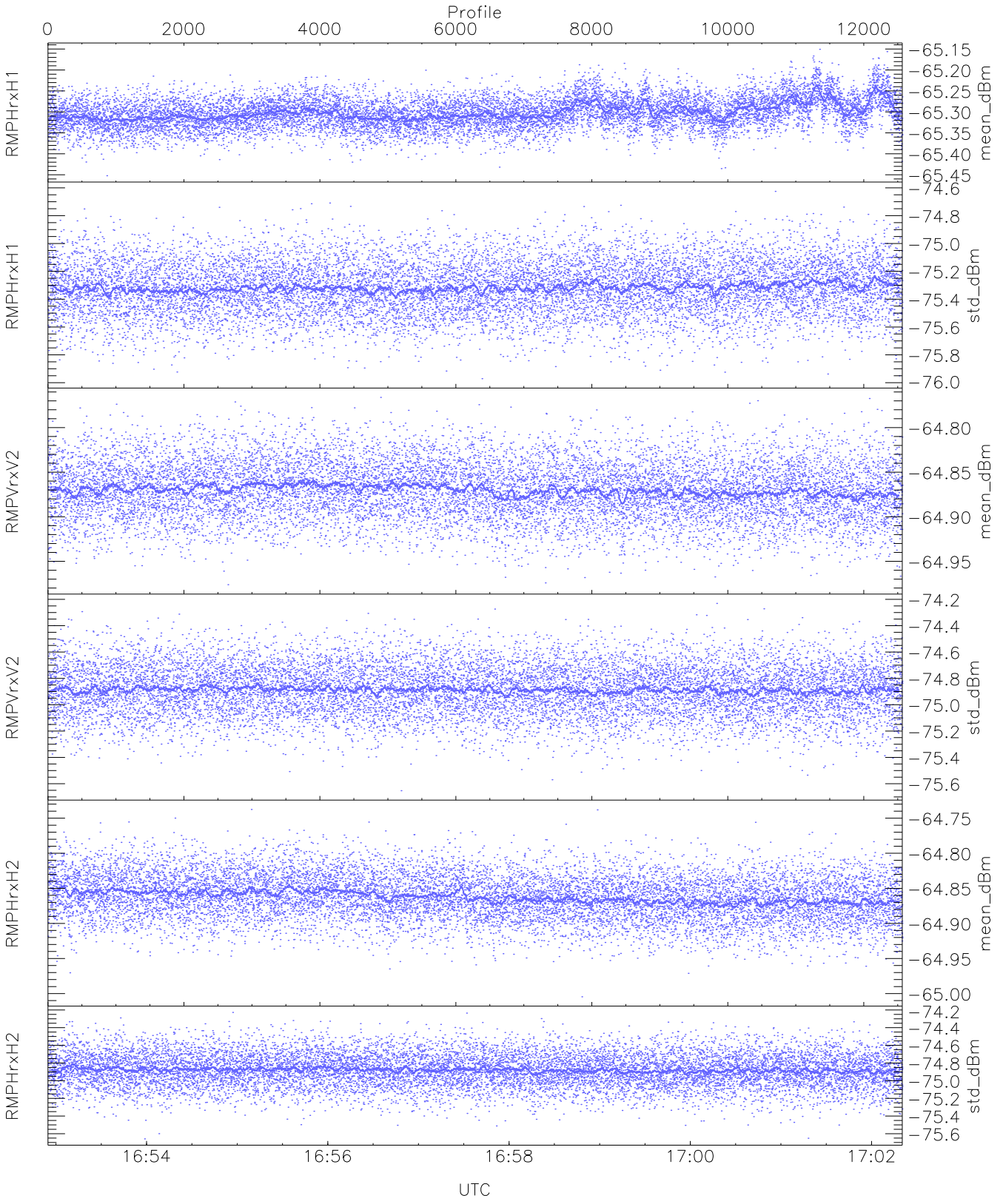
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,22,24,25,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,22,25,26,26
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



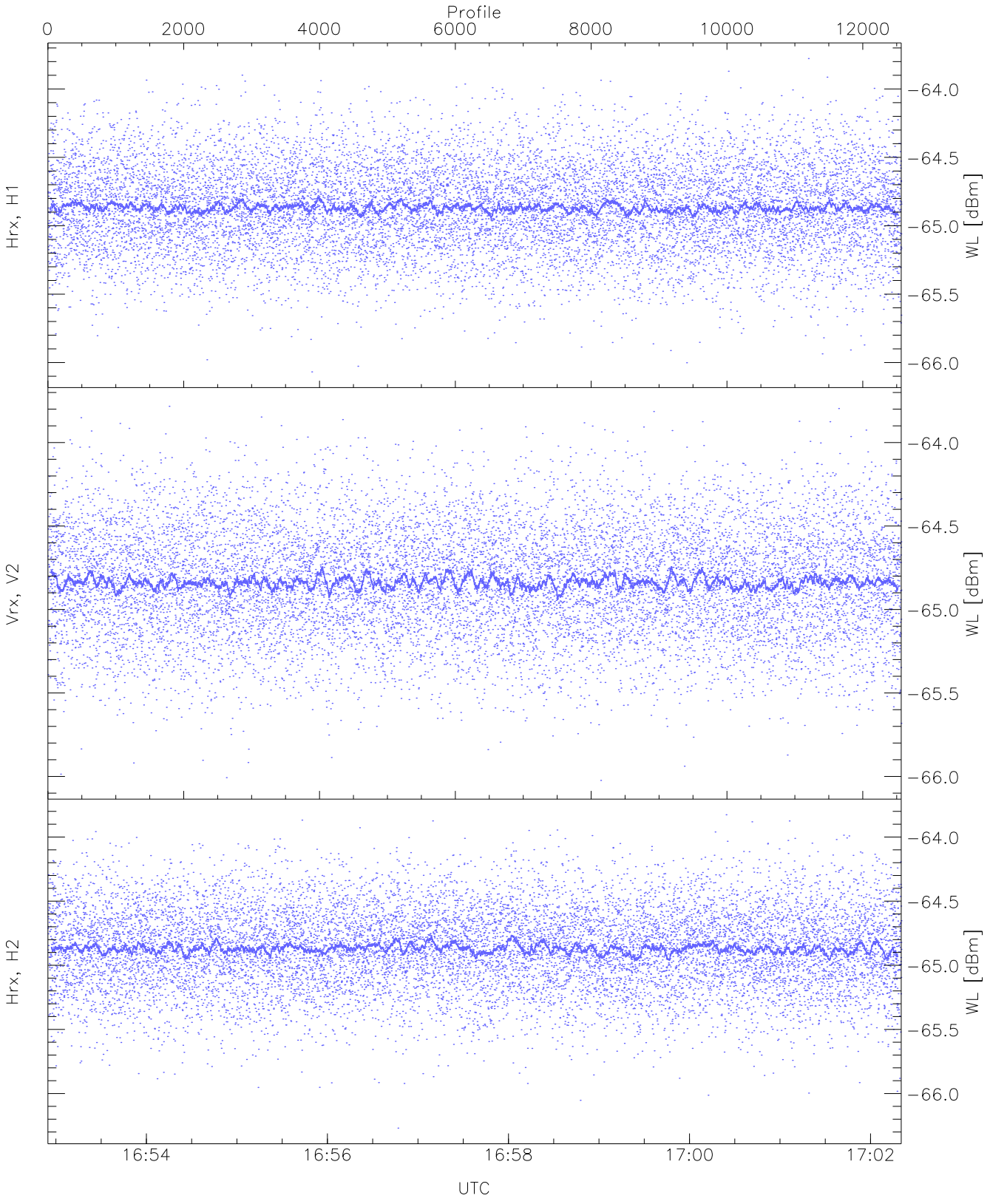
WCR3 CPP Receivers Gain and Noise Figure

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



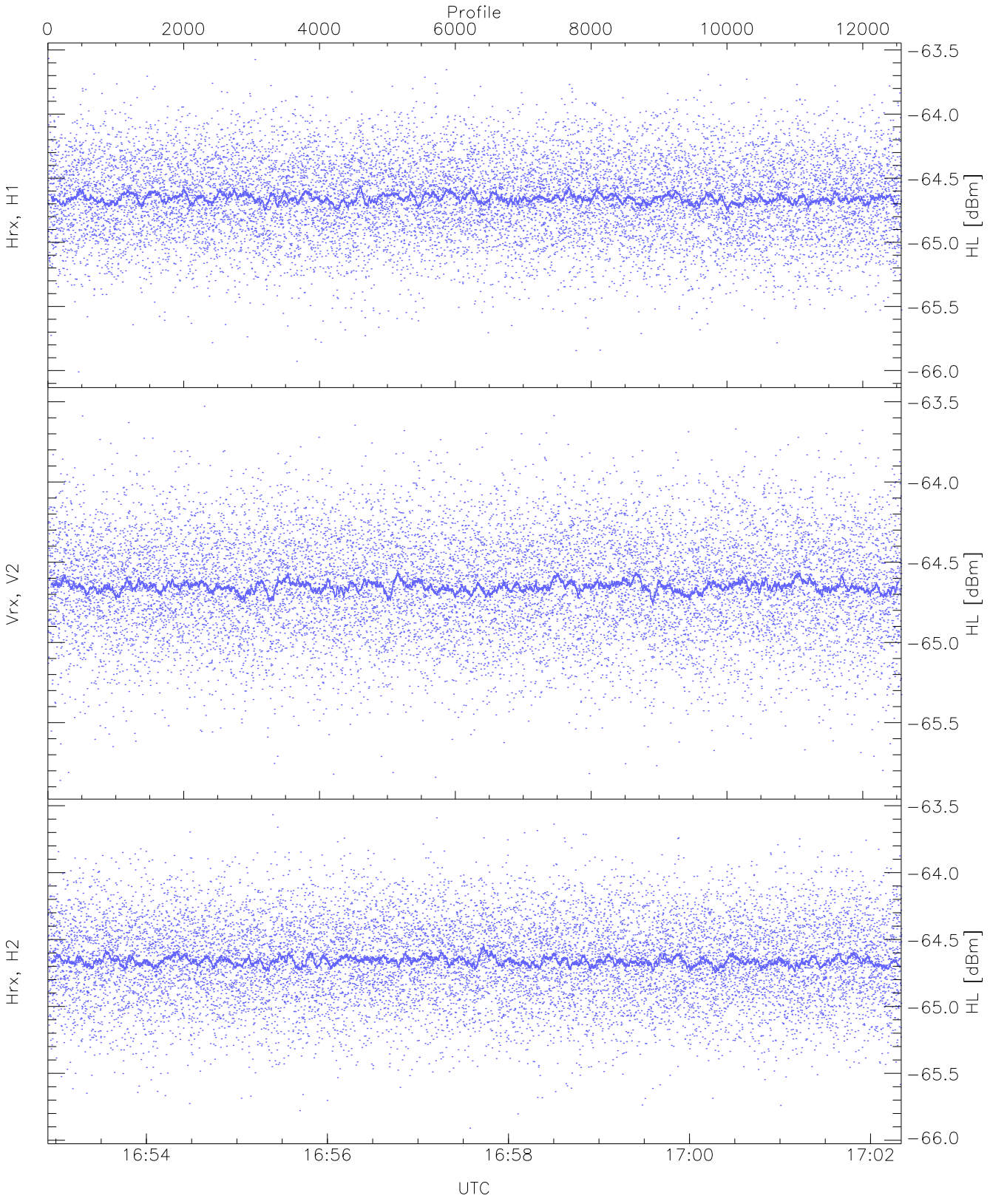
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.45	-65.15	-65.30	-65.30	-86.22
RMPHrxH1(std_dBm)	-75.97	-74.63	-75.32	-75.32	-89.10
RMPVrxV2(mean_dBm)	-64.98	-64.77	-64.87	-64.87	-86.44
RMPVrxV2(std_dBm)	-75.65	-74.23	-74.89	-74.89	-88.67
RMPHrxH2(mean_dBm)	-65.00	-64.74	-64.86	-64.86	-86.35
RMPHrxH2(std_dBm)	-75.66	-74.23	-74.88	-74.88	-88.70



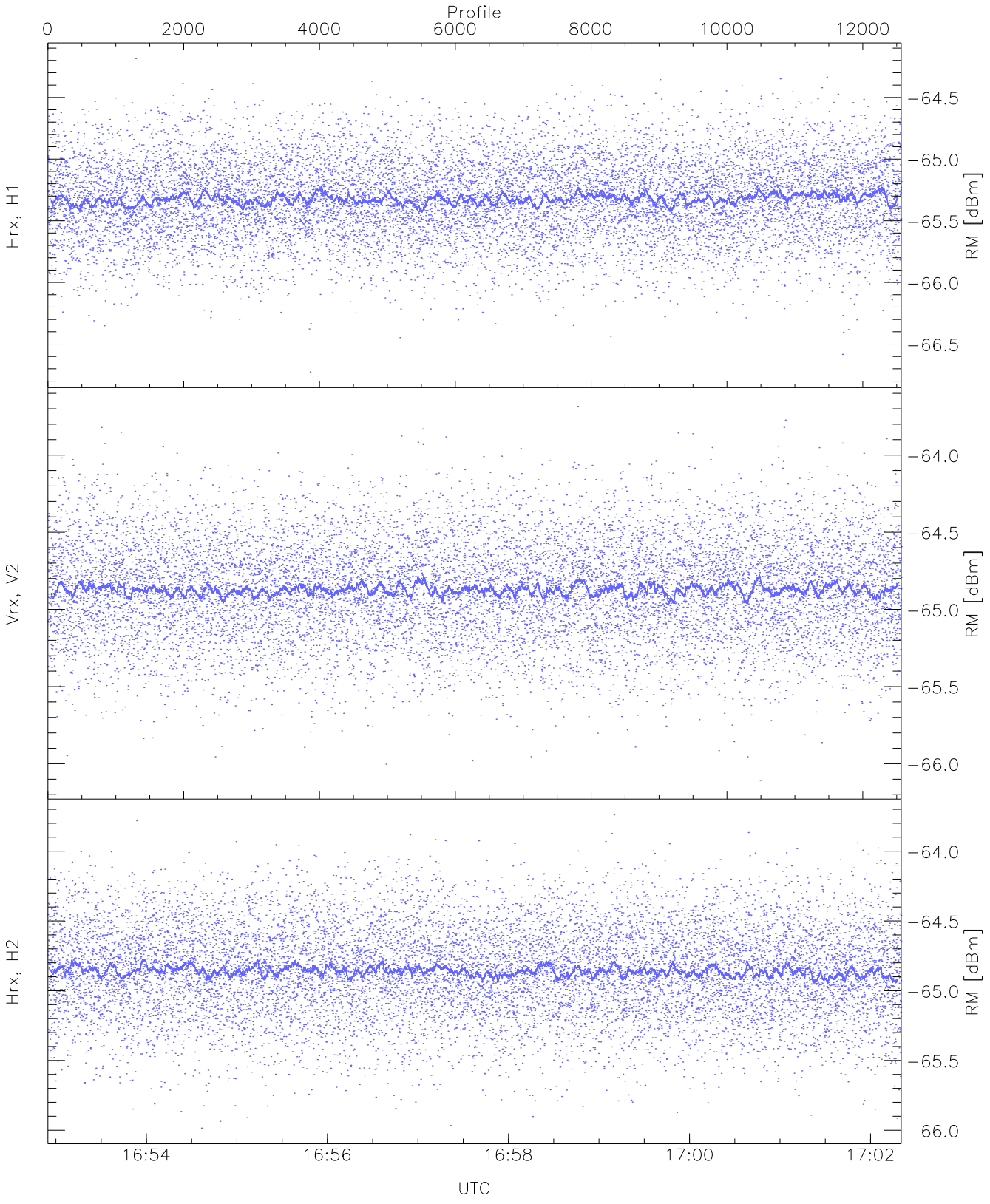
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.07	-63.78	-64.86	-64.87	-76.43
Vrx, V2(WL [dBm])	-66.02	-63.78	-64.83	-64.84	-76.32
Hrx, H2(WL [dBm])	-66.27	-63.83	-64.86	-64.87	-76.40



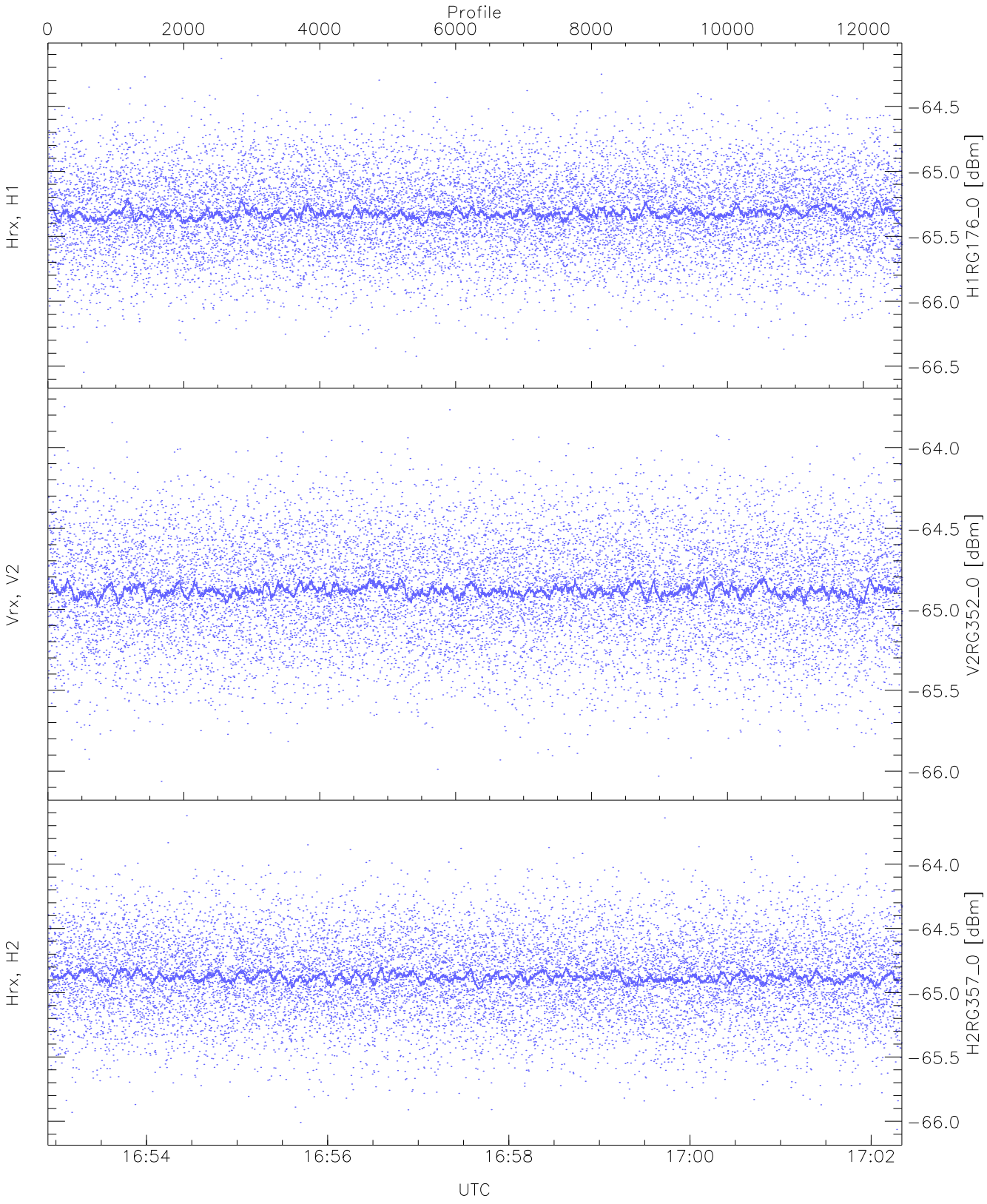
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-66.01	-63.57	-64.65	-64.65	-76.15
Vrx, V2(HL [dBm])	-65.86	-63.53	-64.64	-64.65	-76.12
Hrx, H2(HL [dBm])	-65.91	-63.57	-64.65	-64.66	-76.17



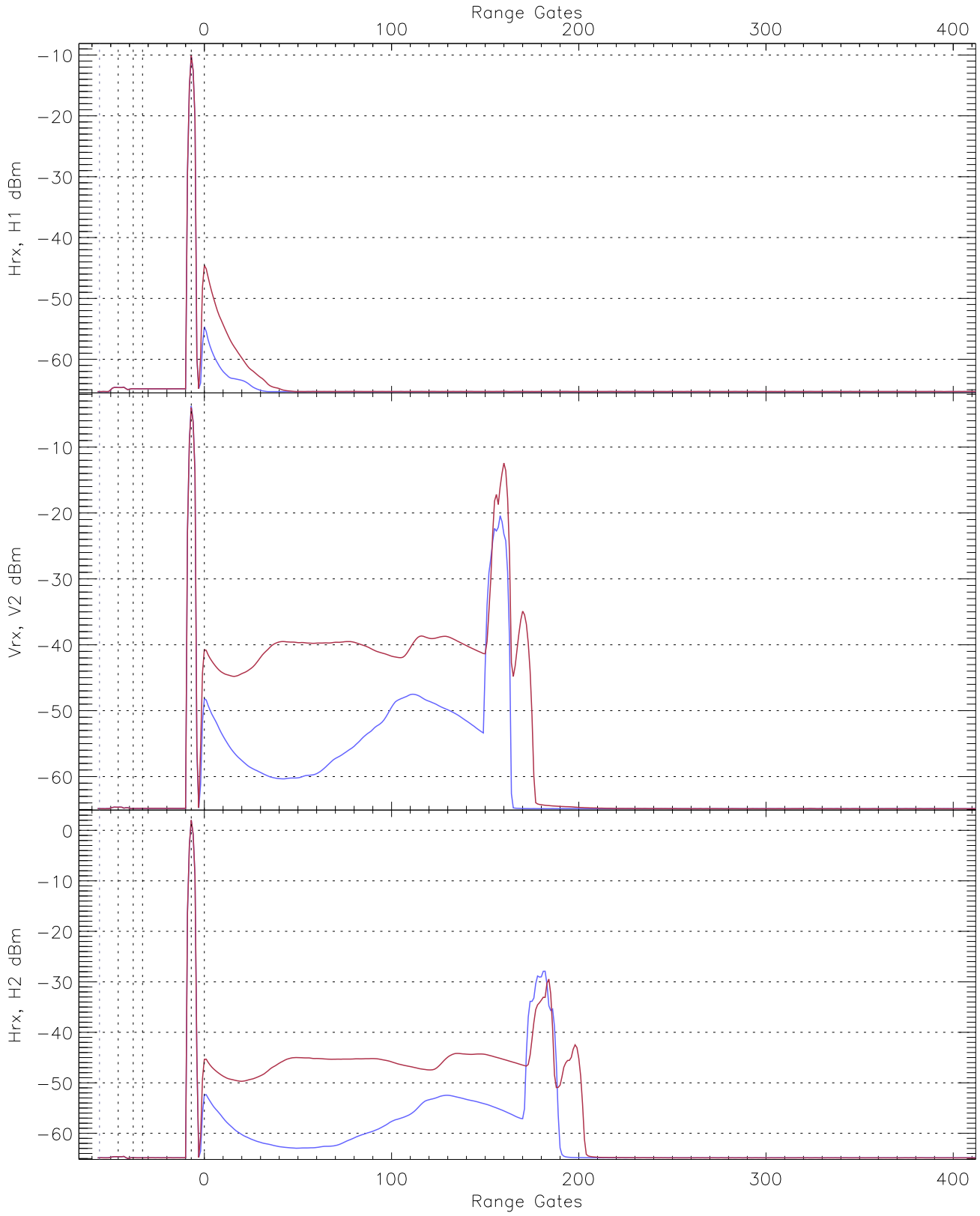
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.73	-64.18	-65.32	-65.32	-76.81
Vrx, V2(RM [dBm])	-66.11	-63.68	-64.86	-64.87	-76.40
Hrx, H2(RM [dBm])	-65.98	-63.74	-64.85	-64.86	-76.33

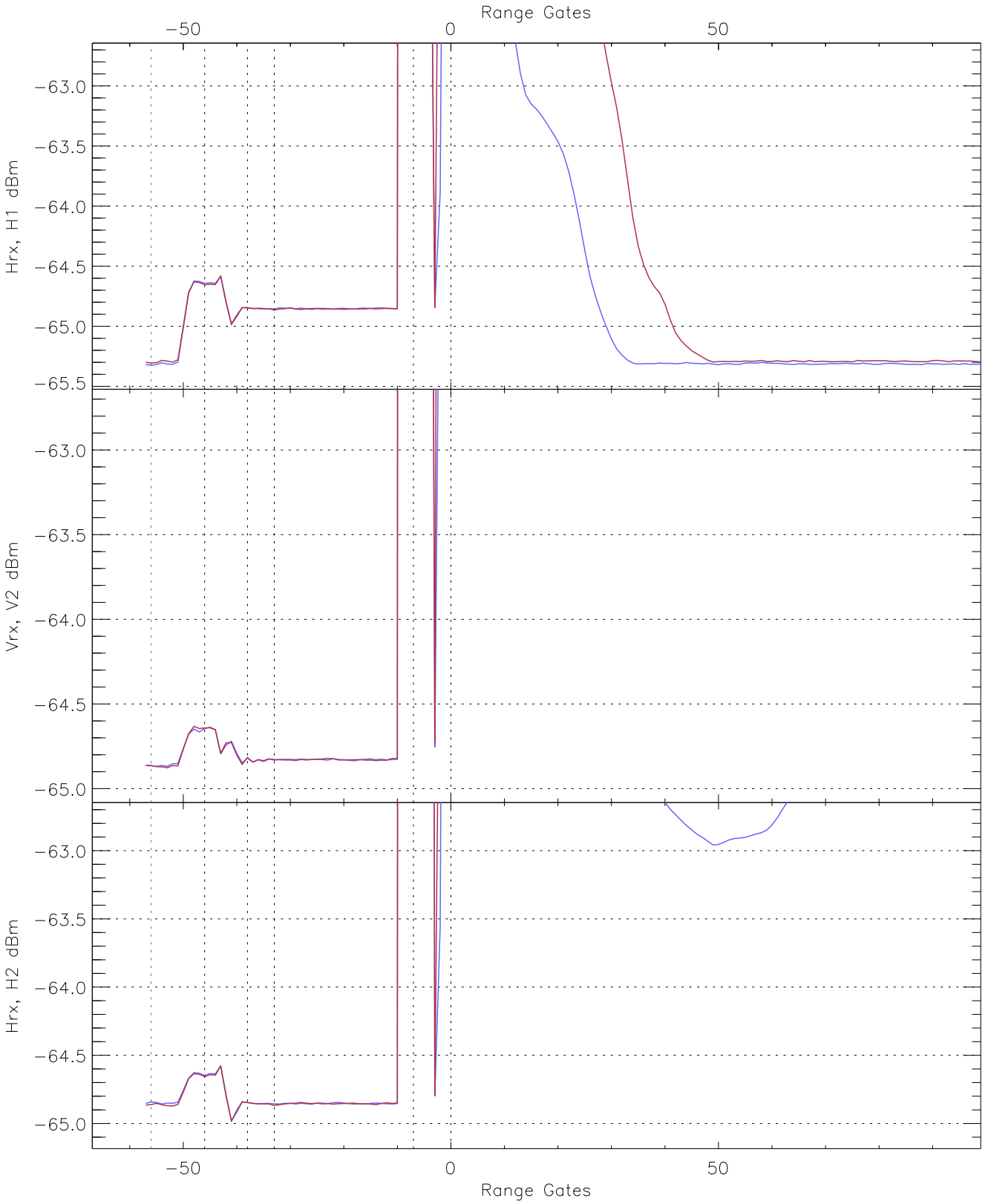


WCR3 CPP "Best" estimate Receivers Noise Power

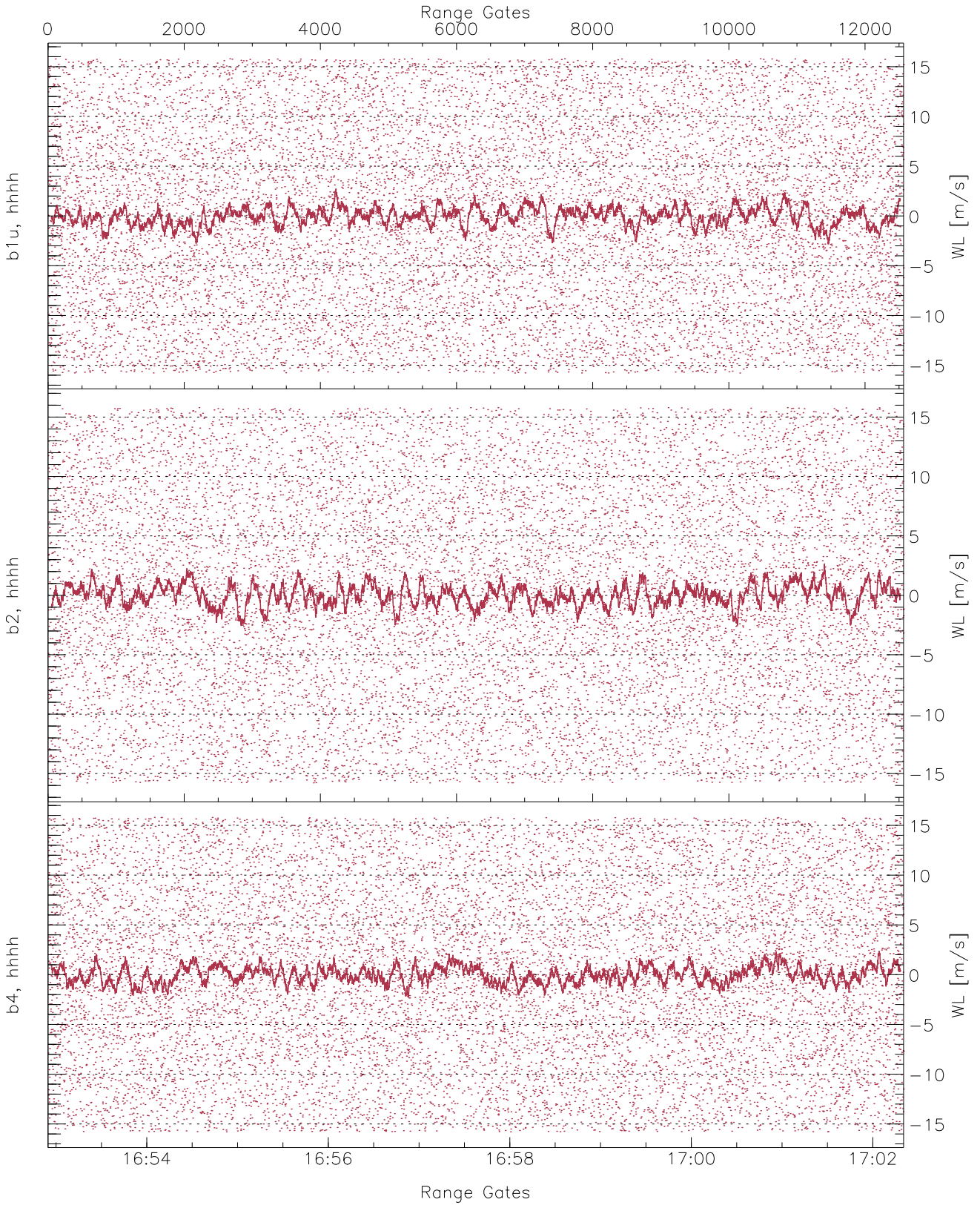
	Min	Max	Mean	Median	StDev
H1RG176_0 [dBm]	-66.55	-64.13	-65.32	-65.32	-76.85
V2RG352_0 [dBm]	-66.06	-63.75	-64.88	-64.88	-76.38
H2RG357_0 [dBm]	-66.06	-63.62	-64.87	-64.88	-76.36



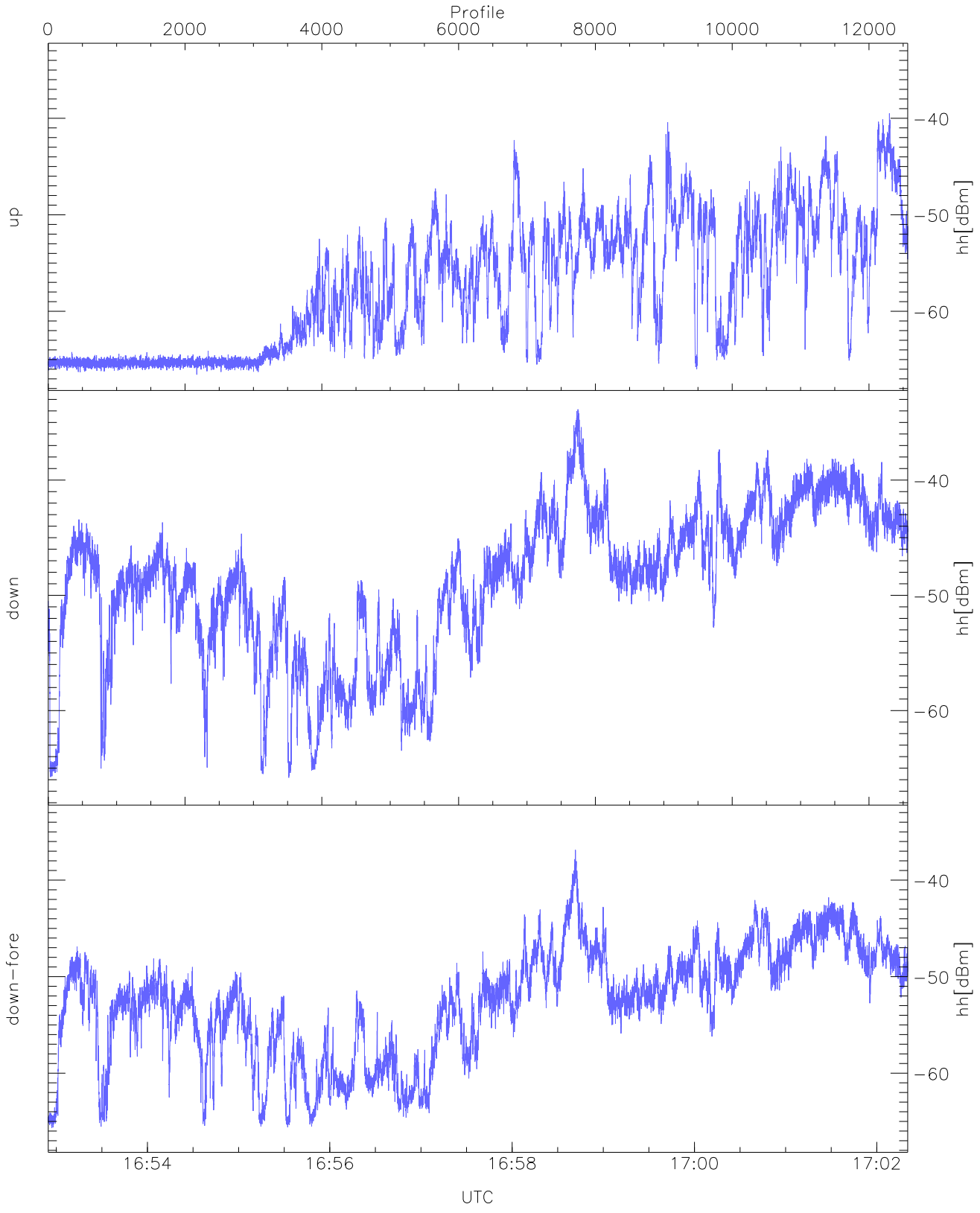
WCR3 CPP Averaged Received power for all recorded gates
blue: 165255-165738, 6285 profiles averaged
red: 165738-170220, 6284 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 165255-165738, 6285 profiles averaged
red: 165738-170220, 6284 profiles averaged

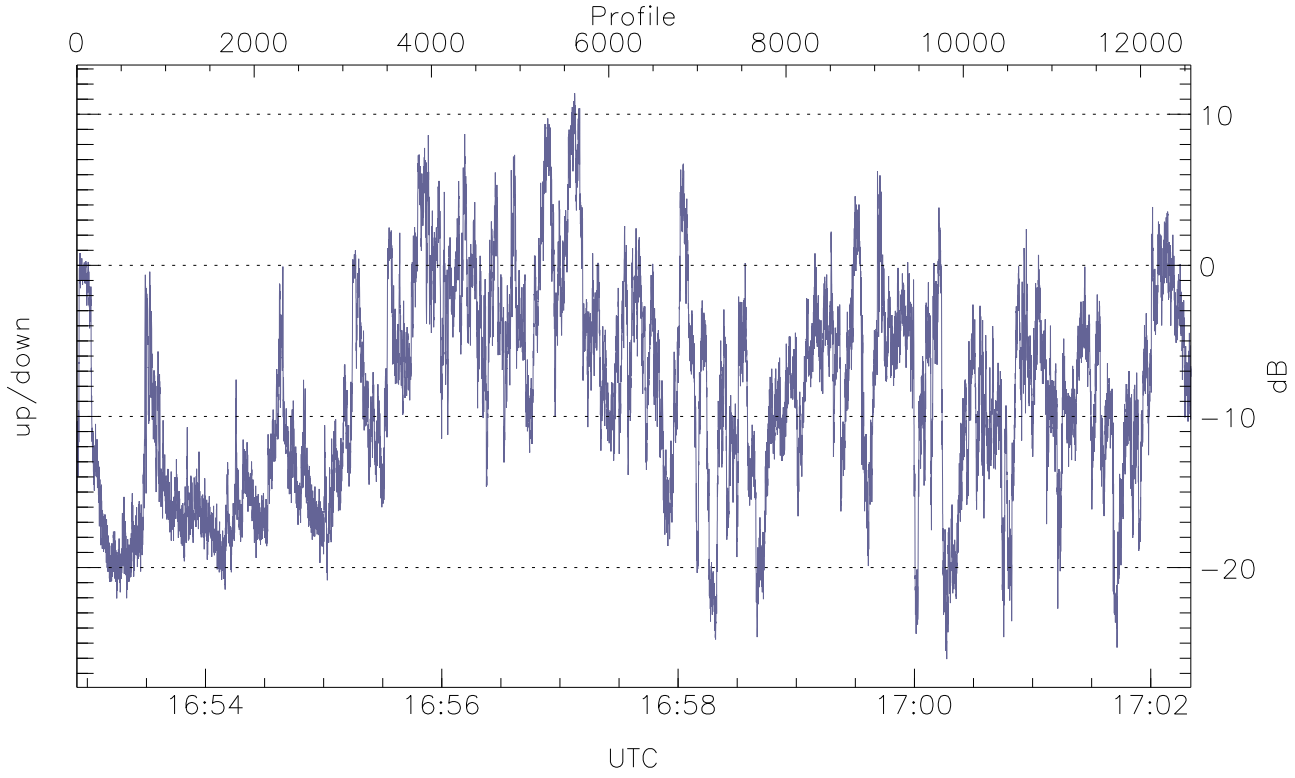


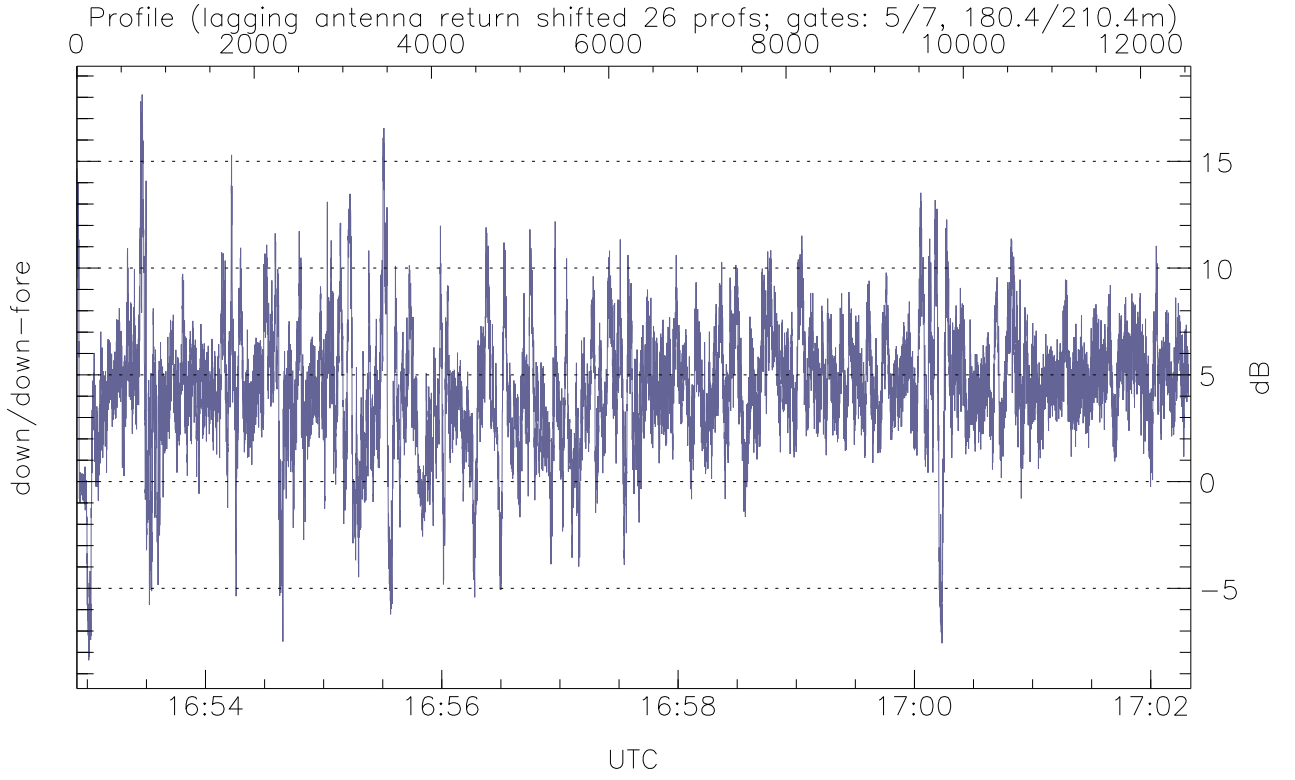
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

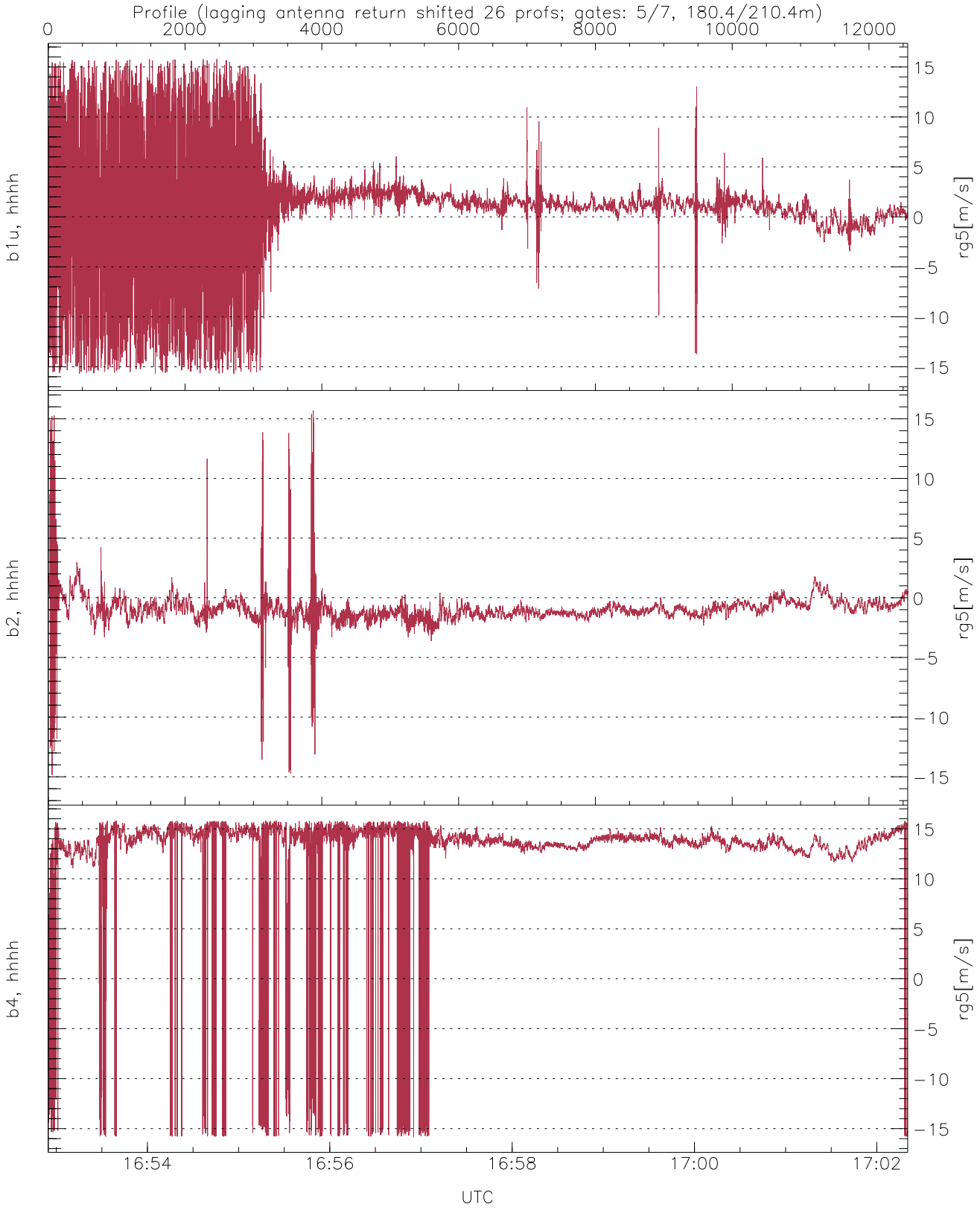
	Min	Max	Mean
up(hh[dBm])	-66.57	-39.50	-52.57
down(hh[dBm])	-65.82	-33.86	-45.27
down-fore(hh[dBm])	-65.66	-36.87	-49.56





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

	Min	Max	Mean
up/down(dB)	-26.06	11.39	-8.59
down/down-fore(dB)	-8.37	18.13	4.37



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.70	15.79	0.90	4.33
b2, hhhh(rg5[m/s])	-14.83	15.68	-0.93	1.25
b4, hhhh(rg5[m/s])	-15.79	15.79	12.97	5.03