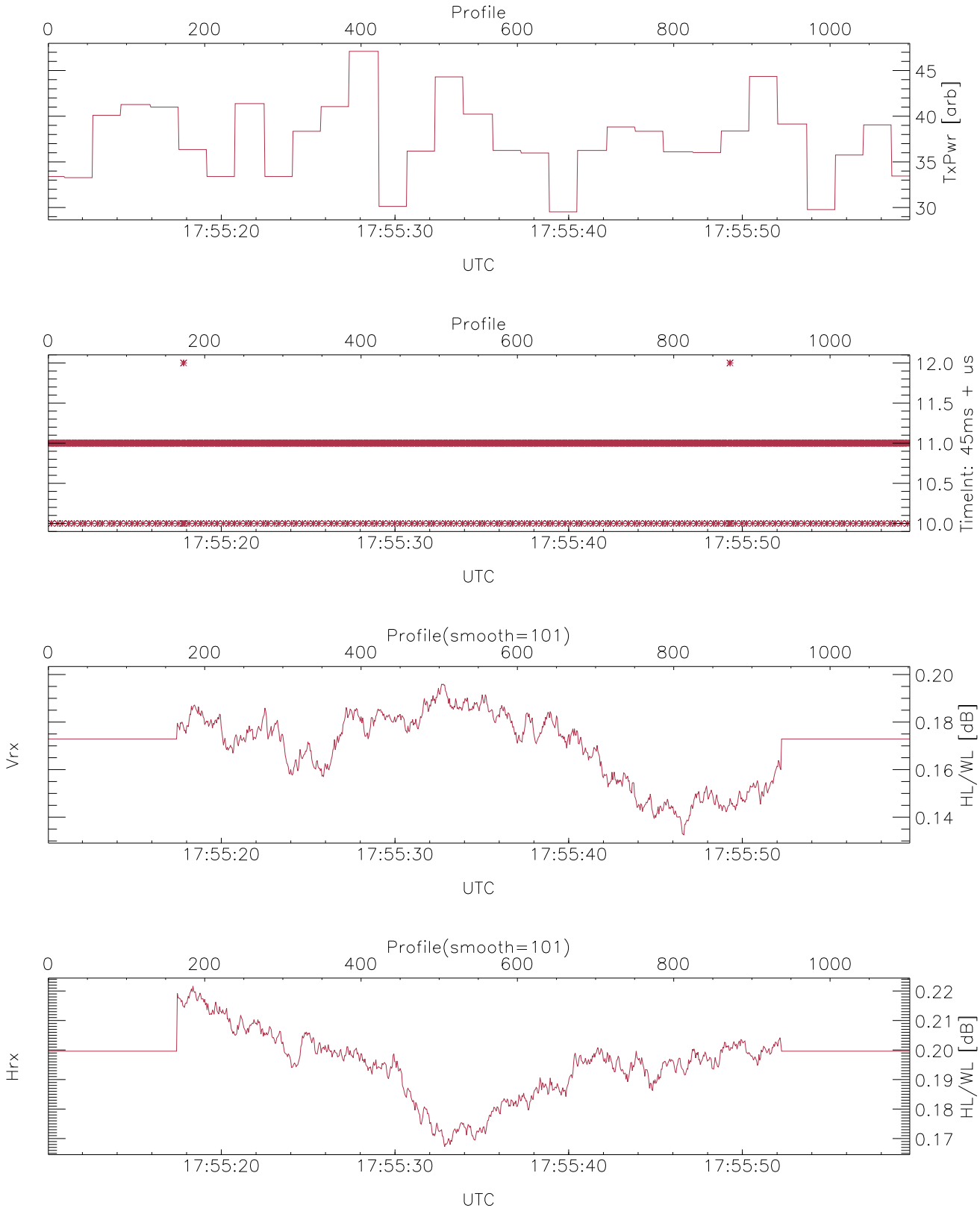
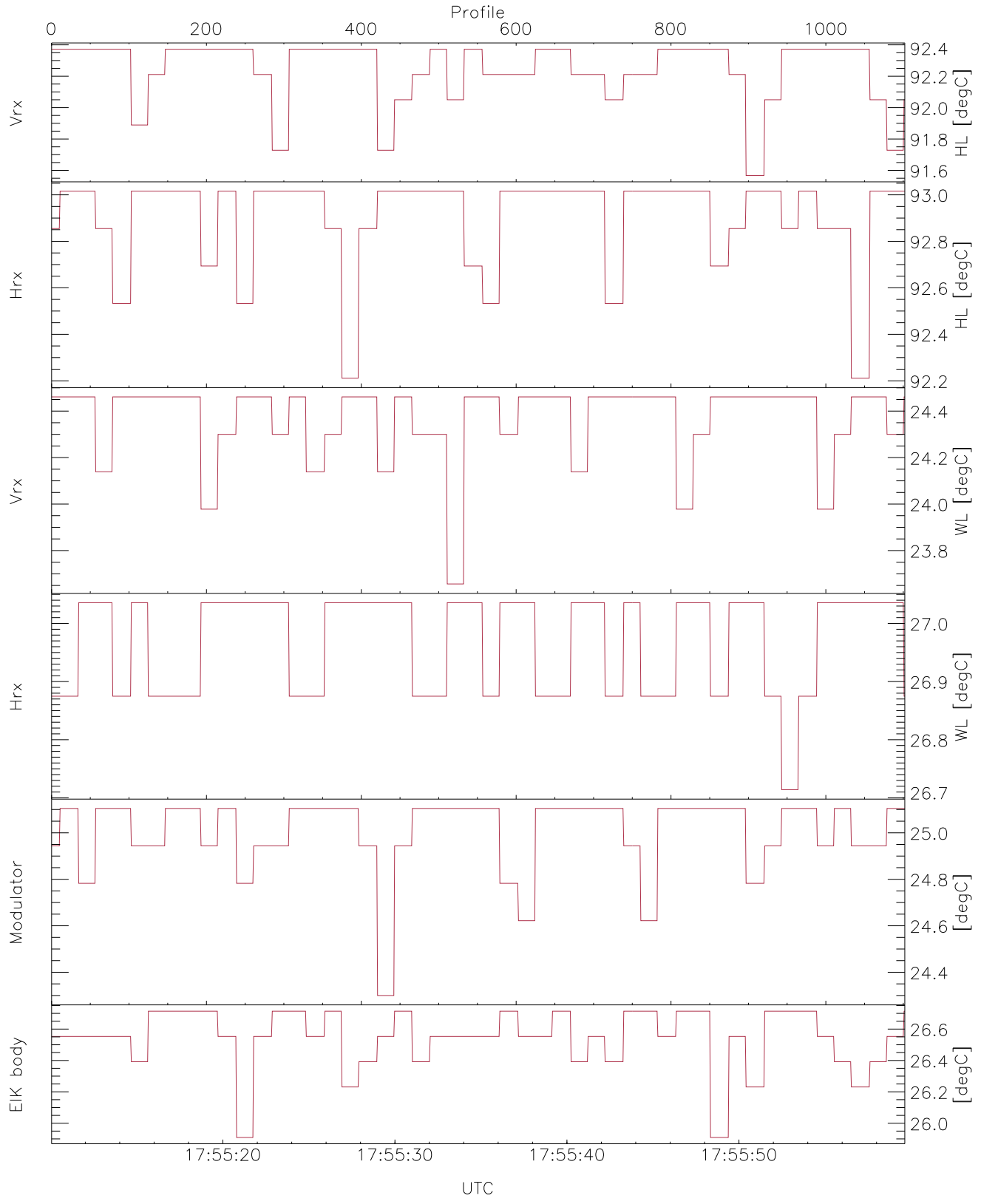


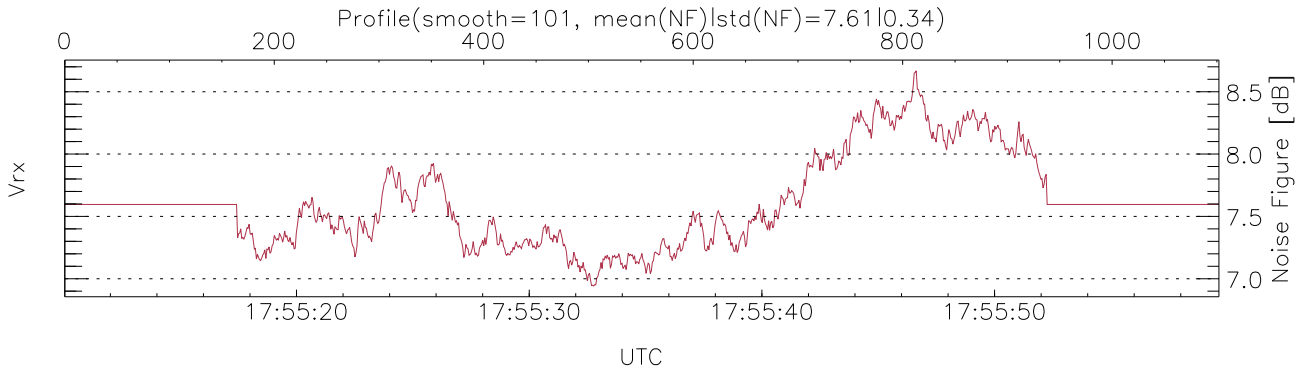
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

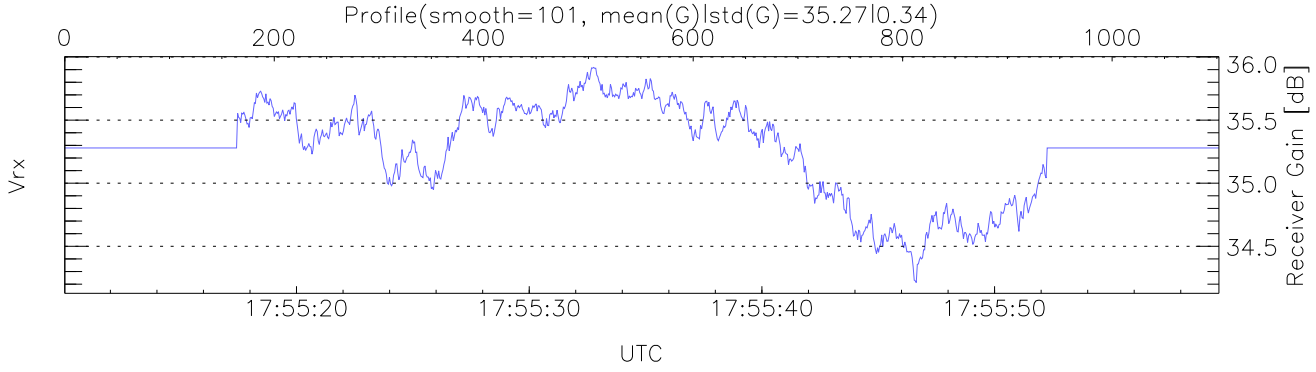
UTC: 17:55:10-17:56:00, TimeCor: 0.00s, Dur: 49.60s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 1103/1103, 0-1102/17:55:10-17:56:00
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

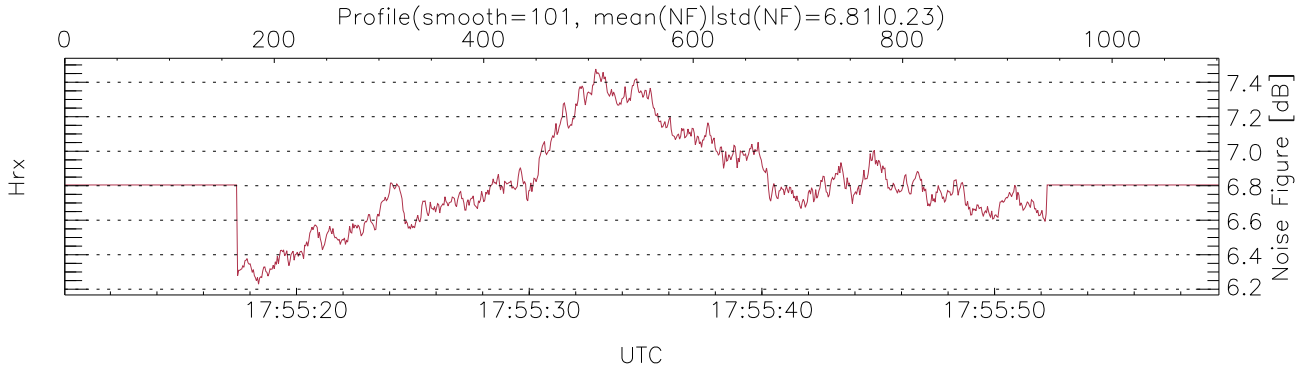


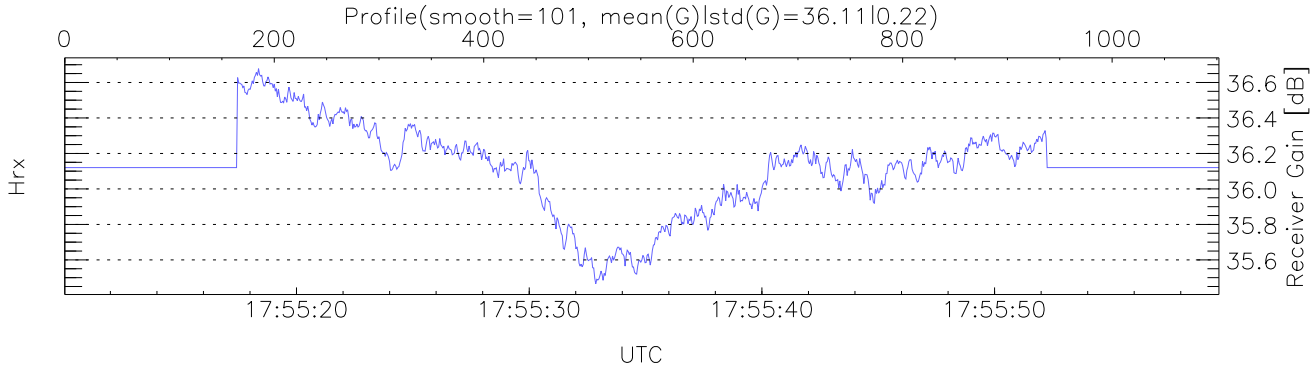
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,24,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,25,26
LOalarm(20,240,2817,14861 MHz): None
EIK/Modulator Faults: None



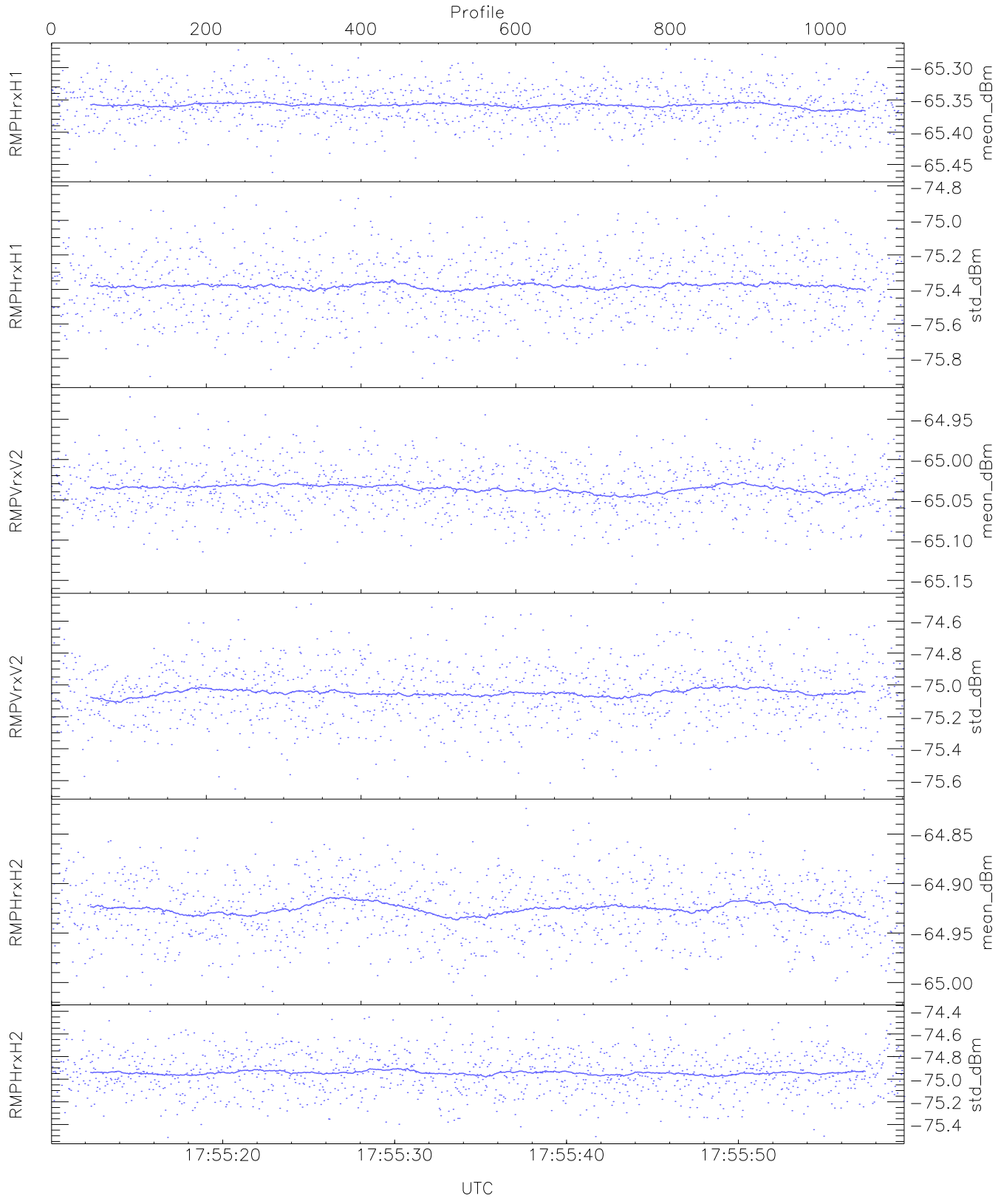






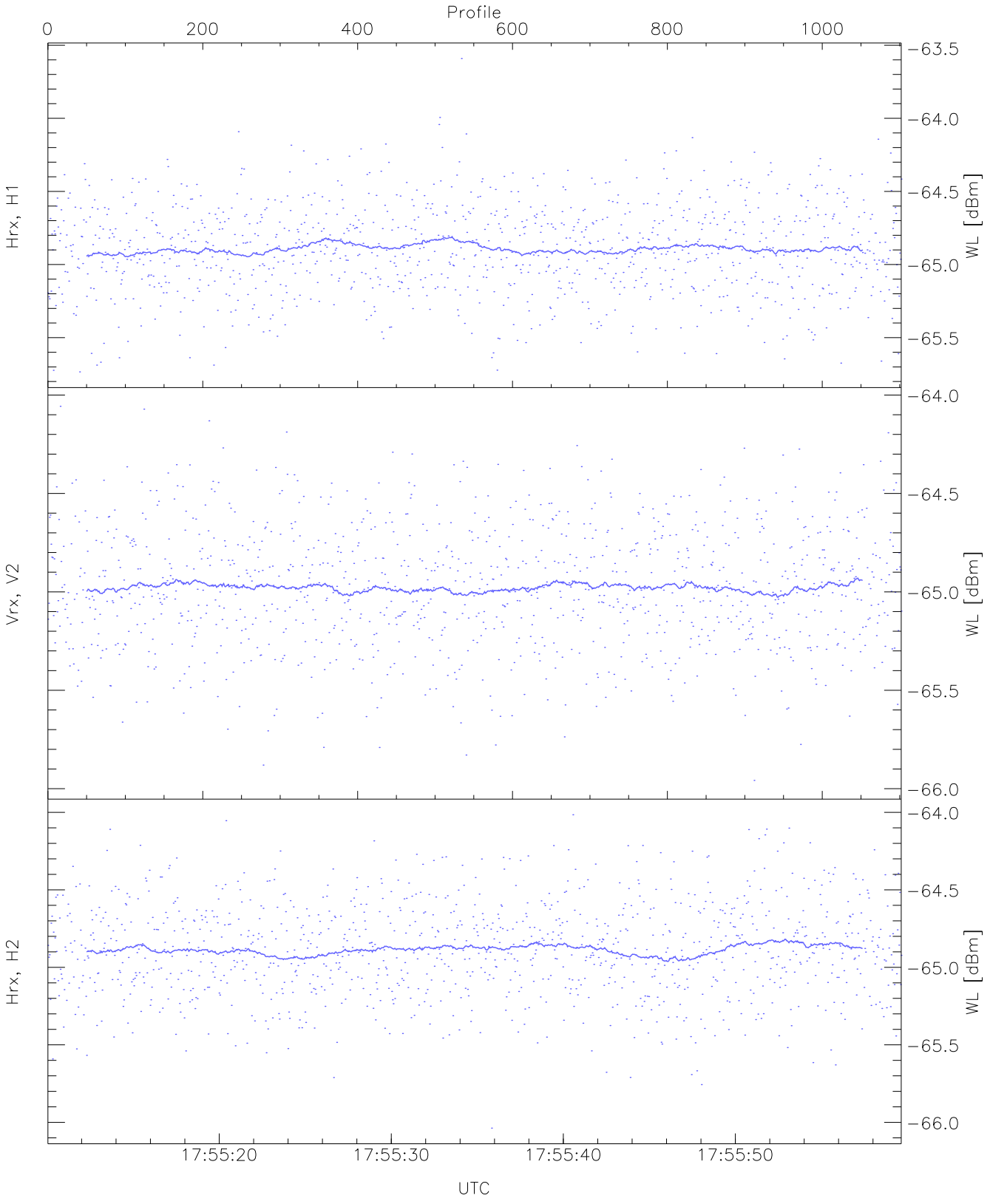
WCR3 CPP Receivers Gain and Noise Figure

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



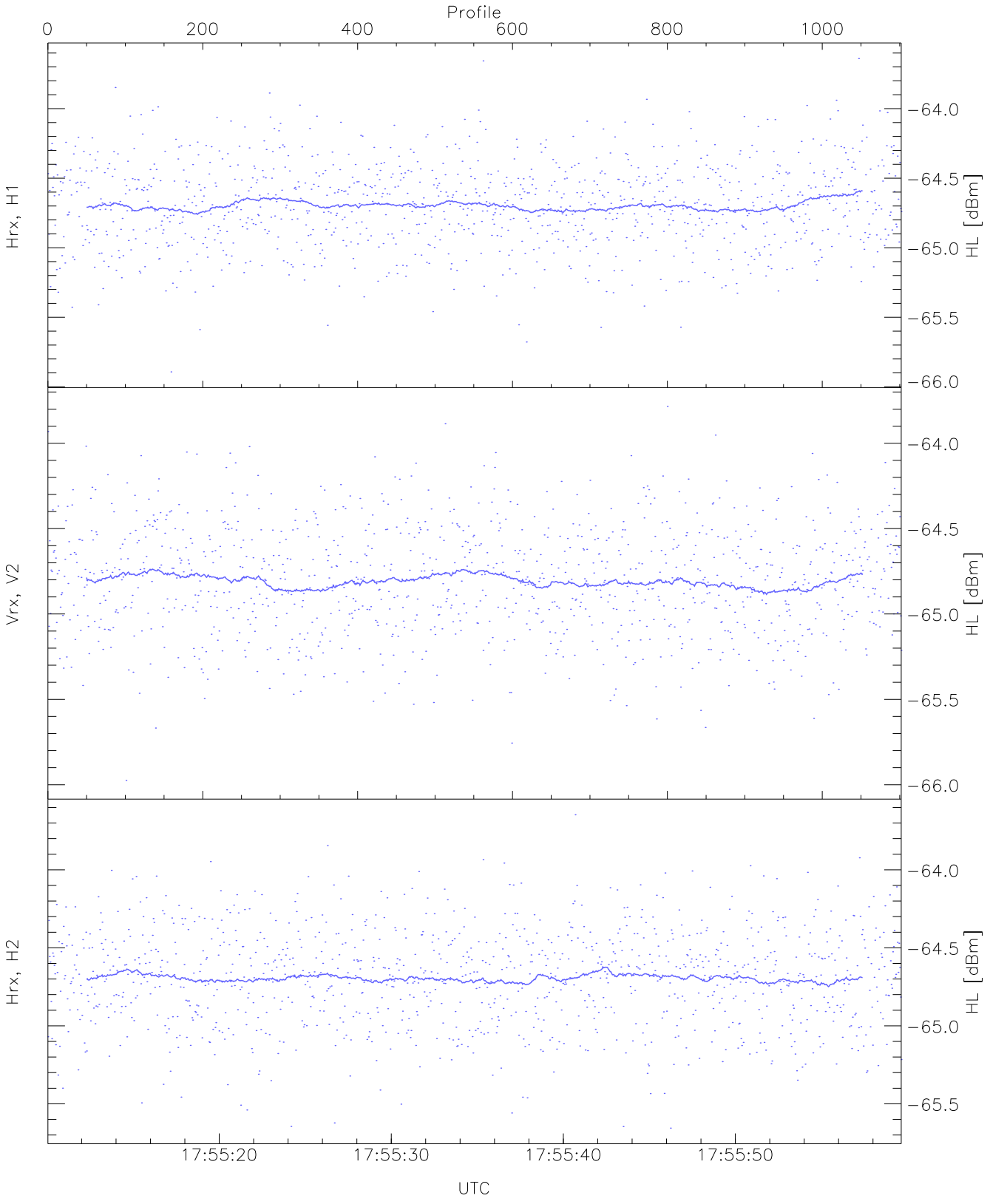
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.47	-65.27	-65.36	-65.36	-87.04
RMPHrxH1(std_dBm)	-75.91	-74.83	-75.38	-75.38	-89.05
RMPVrxV2(mean_dBm)	-65.15	-64.92	-65.04	-65.04	-86.53
RMPVrxV2(std_dBm)	-75.66	-74.48	-75.05	-75.05	-88.70
RMPHrxH2(mean_dBm)	-65.01	-64.82	-64.93	-64.93	-86.39
RMPHrxH2(std_dBm)	-75.51	-74.40	-74.94	-74.95	-88.65



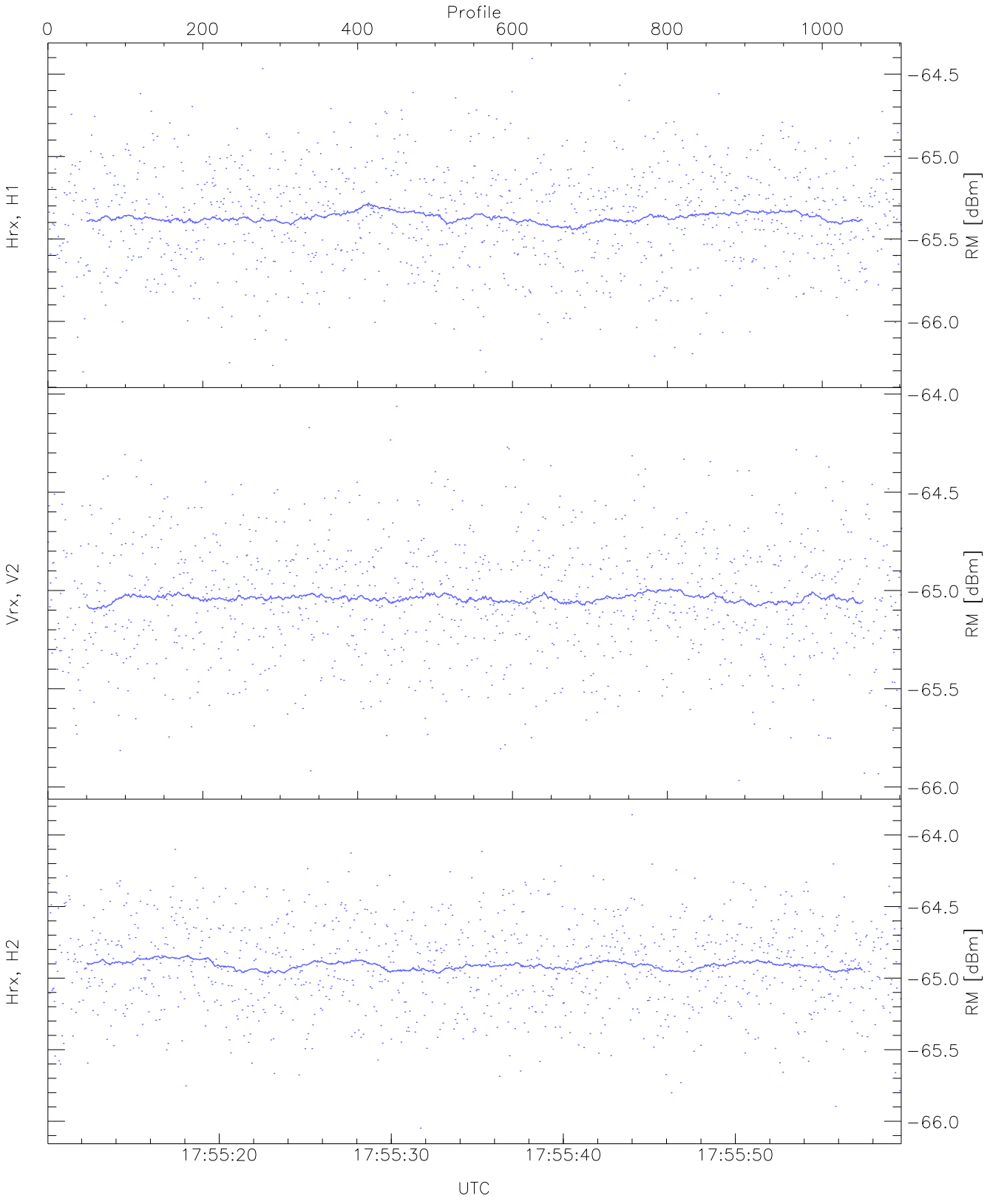
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-65.73	-63.59	-64.89	-64.90	-76.49
Vrx, V2(WL [dBm])	-65.96	-64.06	-64.97	-64.98	-76.52
Hrx, H2(WL [dBm])	-66.04	-64.02	-64.88	-64.89	-76.50



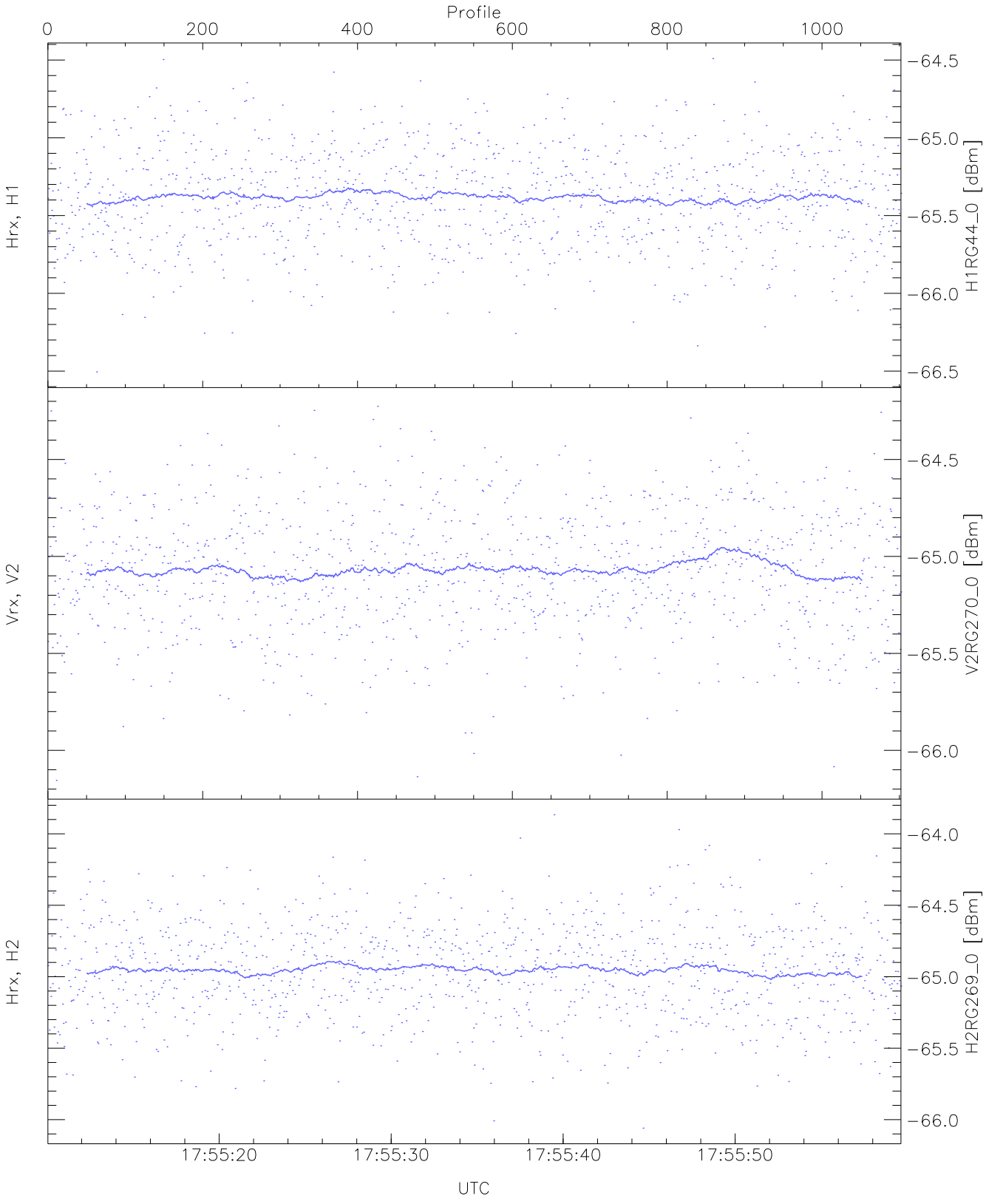
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.89	-63.64	-64.68	-64.69	-76.28
Vrx, V2(HL [dBm])	-65.97	-63.78	-64.79	-64.80	-76.21
Hrx, H2(HL [dBm])	-65.66	-63.65	-64.68	-64.67	-76.22



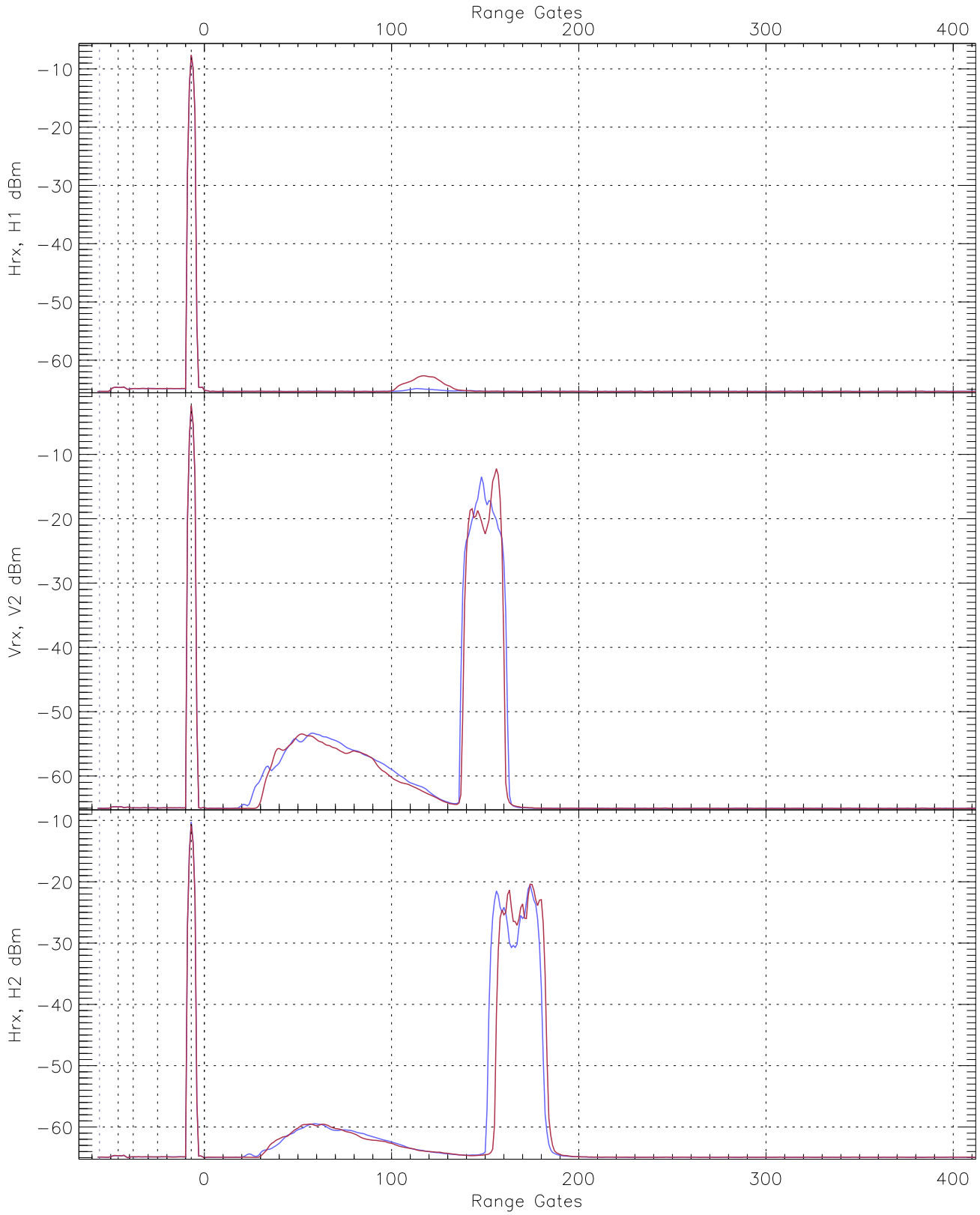
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.31	-64.41	-65.36	-65.35	-76.93
Vrx, V2(RM [dBm])	-65.97	-64.06	-65.03	-65.05	-76.62
Hrx, H2(RM [dBm])	-66.05	-63.86	-64.90	-64.90	-76.41

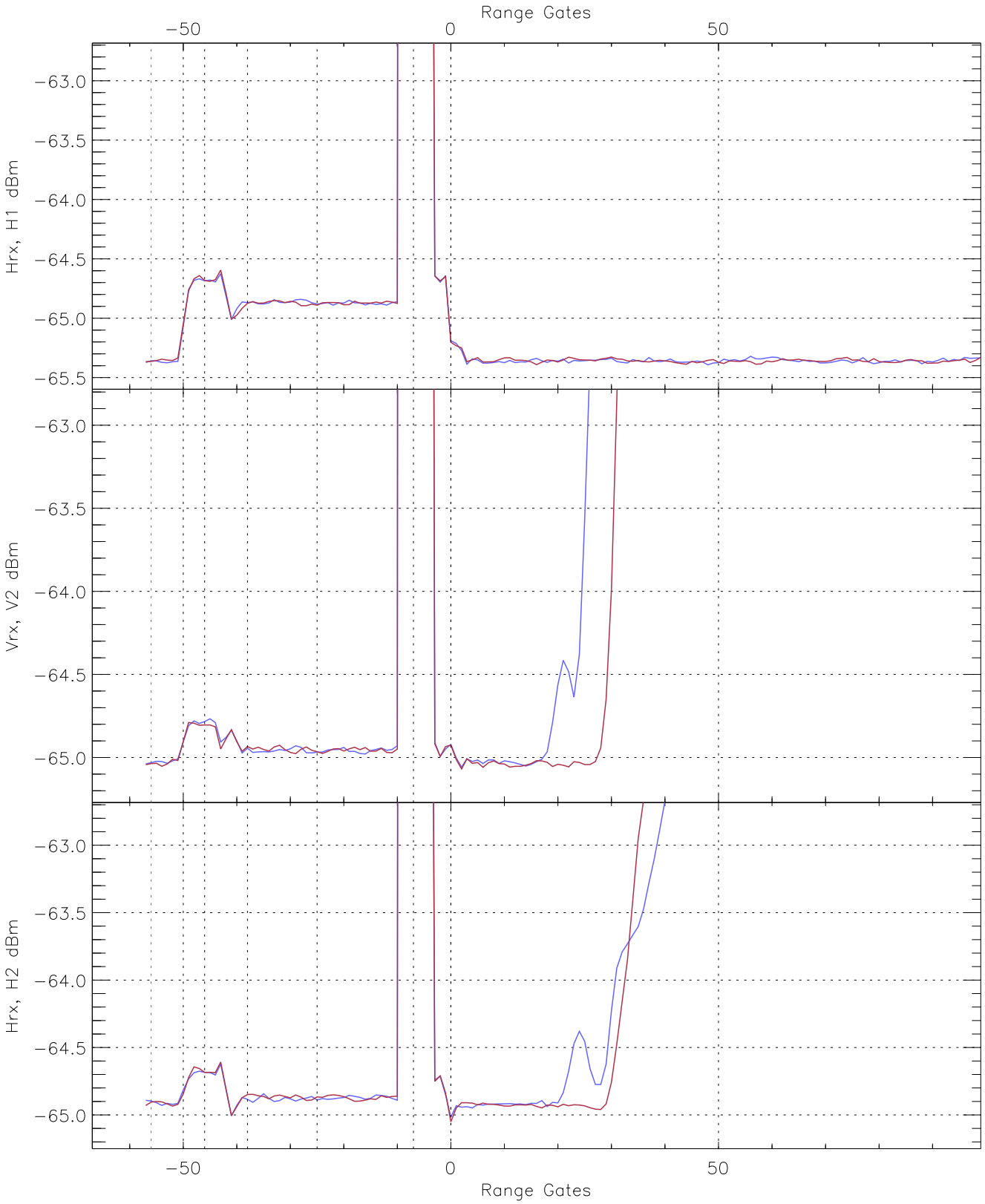


WCR3 CPP "Best" estimate Receivers Noise Power

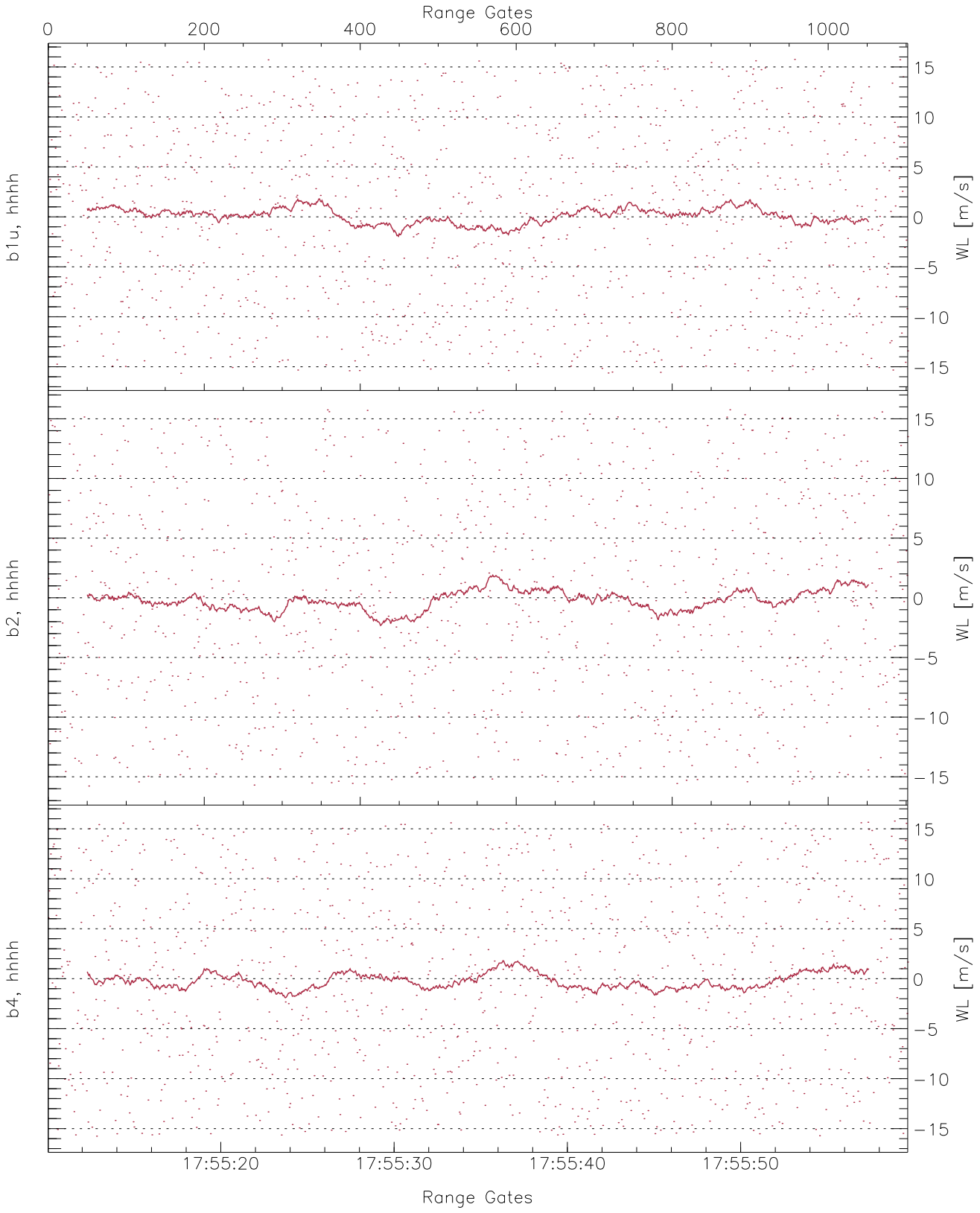
	Min	Max	Mean	Median	StDev
H1RG44_0 [dBm]	-66.51	-64.49	-65.38	-65.39	-76.91
V2RG270_0 [dBm]	-66.16	-64.23	-65.06	-65.07	-76.66
H2RG269_0 [dBm]	-66.06	-63.87	-64.95	-64.95	-76.32



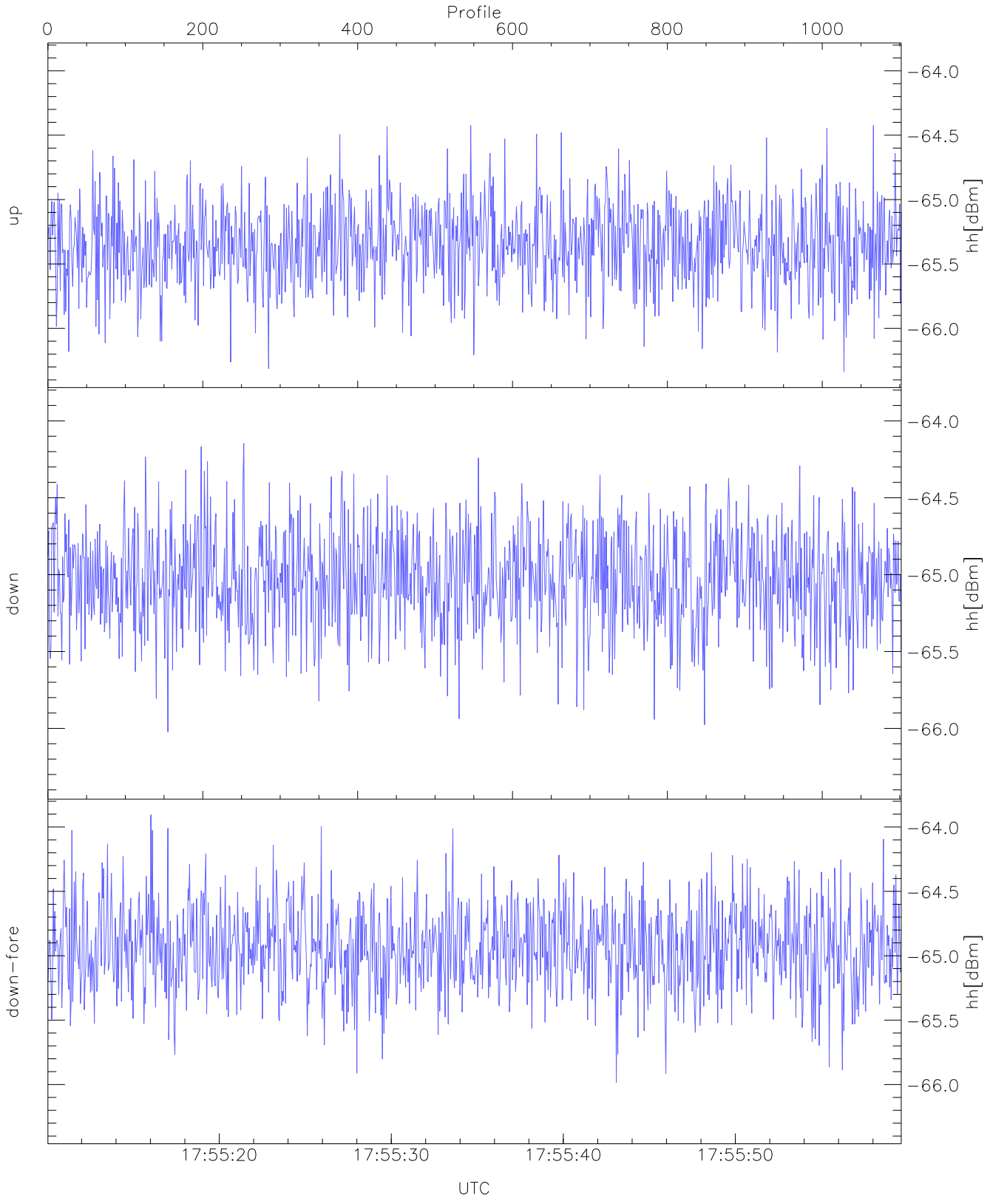
WCR3 CPP Averaged Received power for all recorded gates
blue: 175510-175535, 552 profiles averaged
red: 175535-175600, 552 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 175510-175535, 552 profiles averaged
red: 175535-175600, 552 profiles averaged

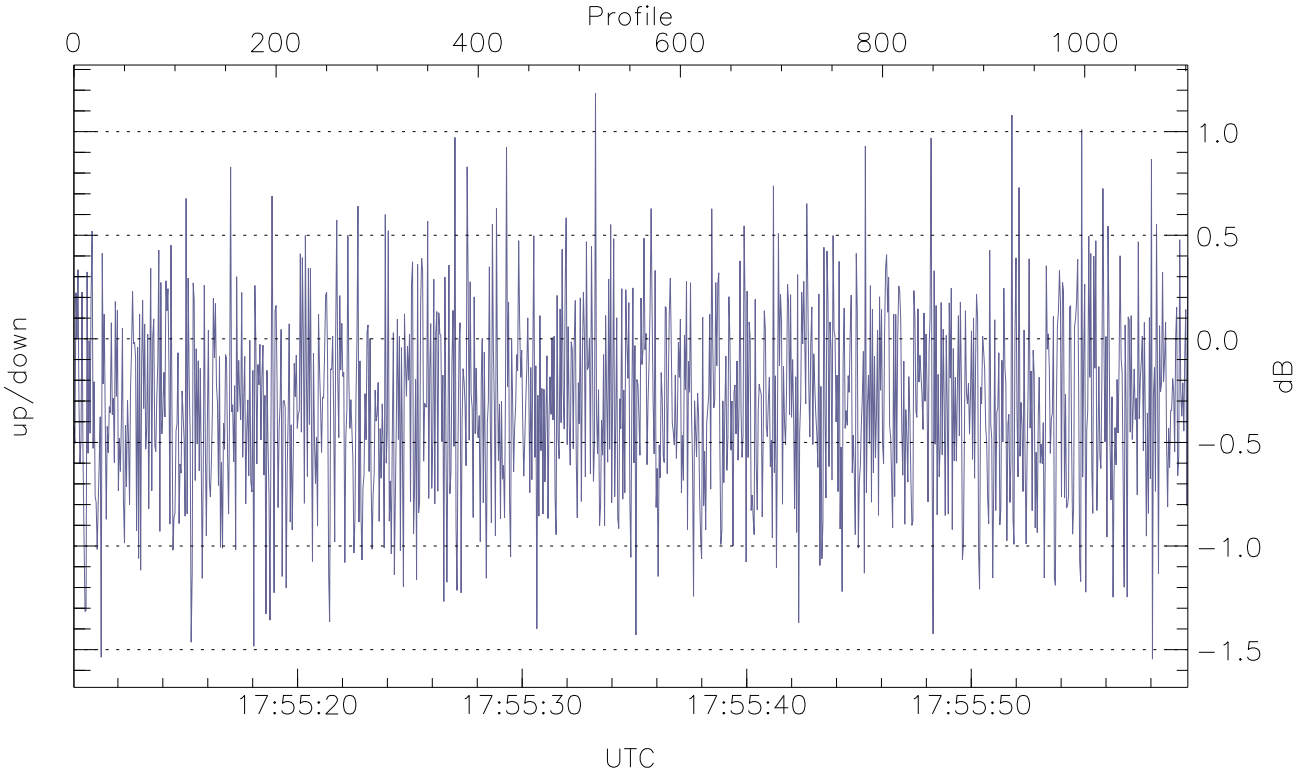


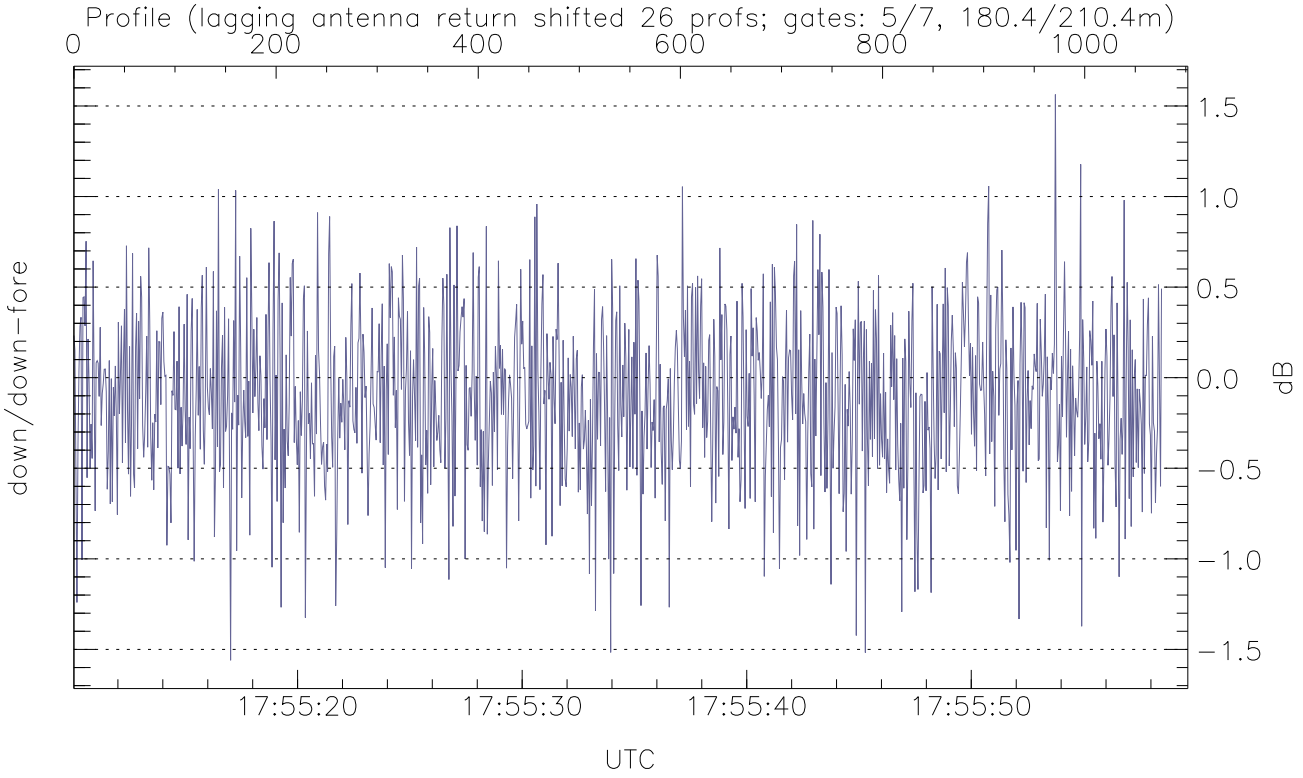
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

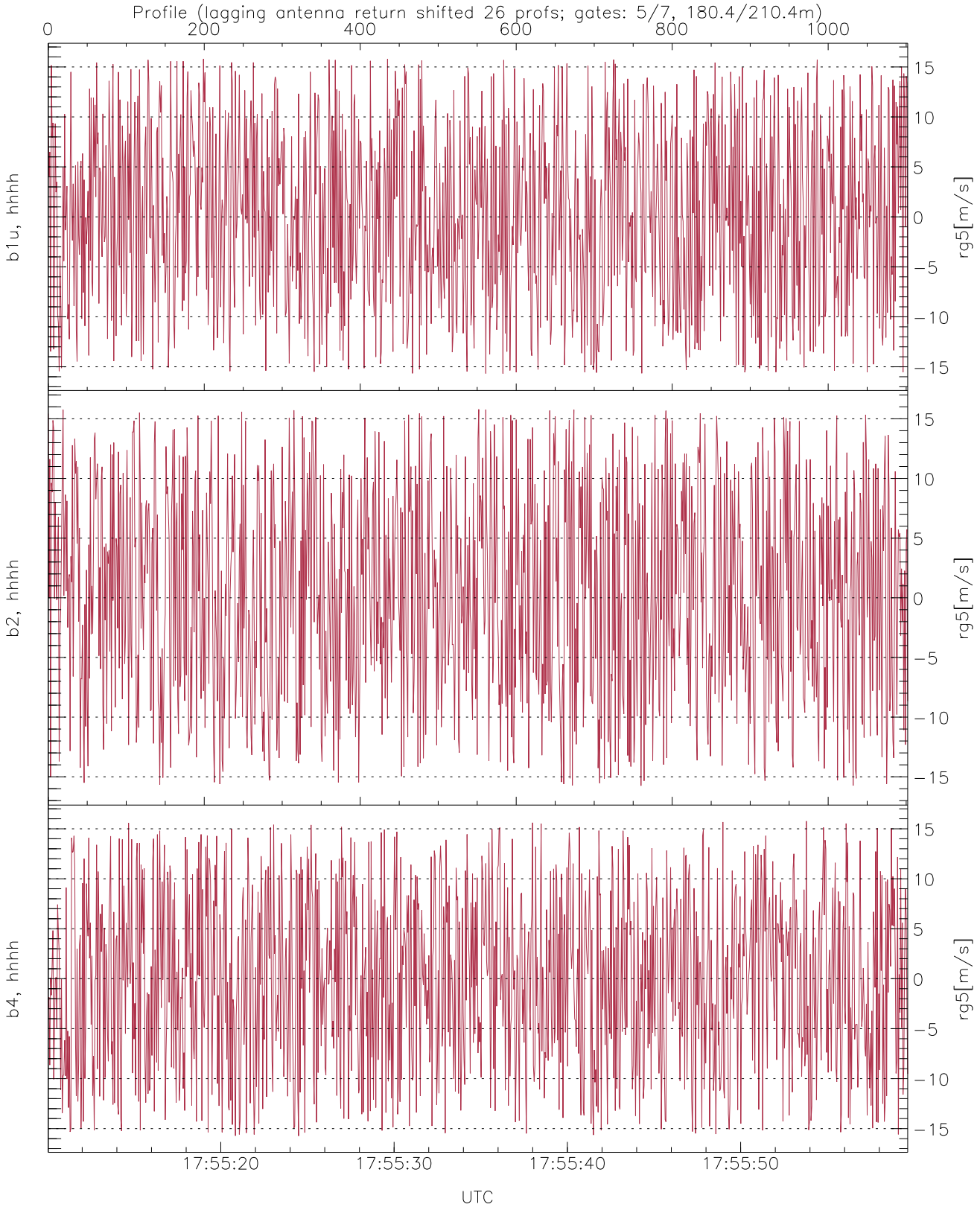
	Min	Max	Mean
up(hh[dBm])	-66.34	-64.42	-65.34
down(hh[dBm])	-66.02	-64.15	-65.02
down-fore(hh[dBm])	-65.99	-63.91	-64.92





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

	Min	Max	Mean
up/down(dB)	-1.55	1.19	-0.32
down/down-fore(dB)	-1.56	1.56	-0.11



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.68	15.79	0.22	8.82
b2, hhhh(rg5[m/s])	-15.75	15.79	0.40	8.71
b4, hhhh(rg5[m/s])	-15.73	15.76	-0.16	8.67