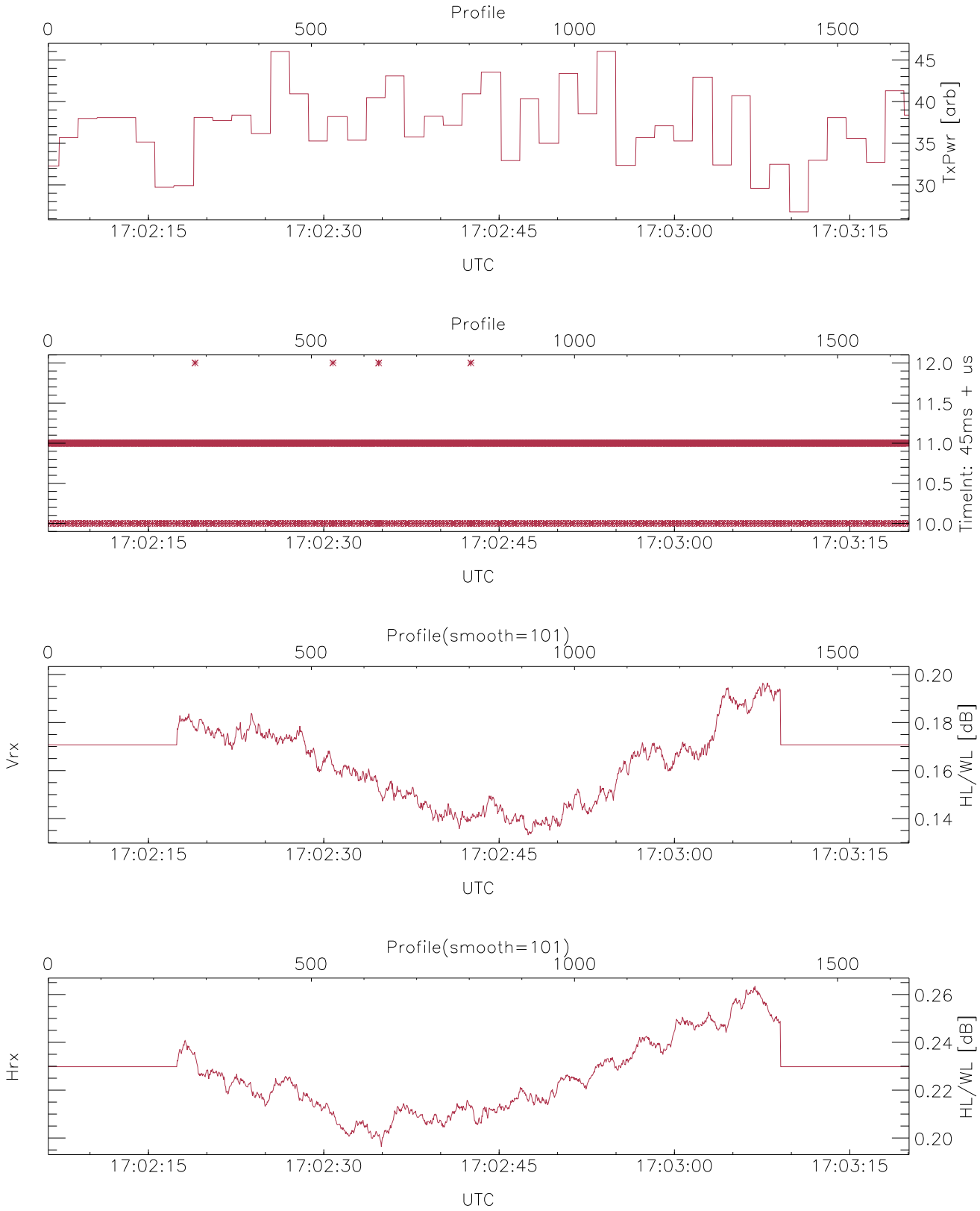
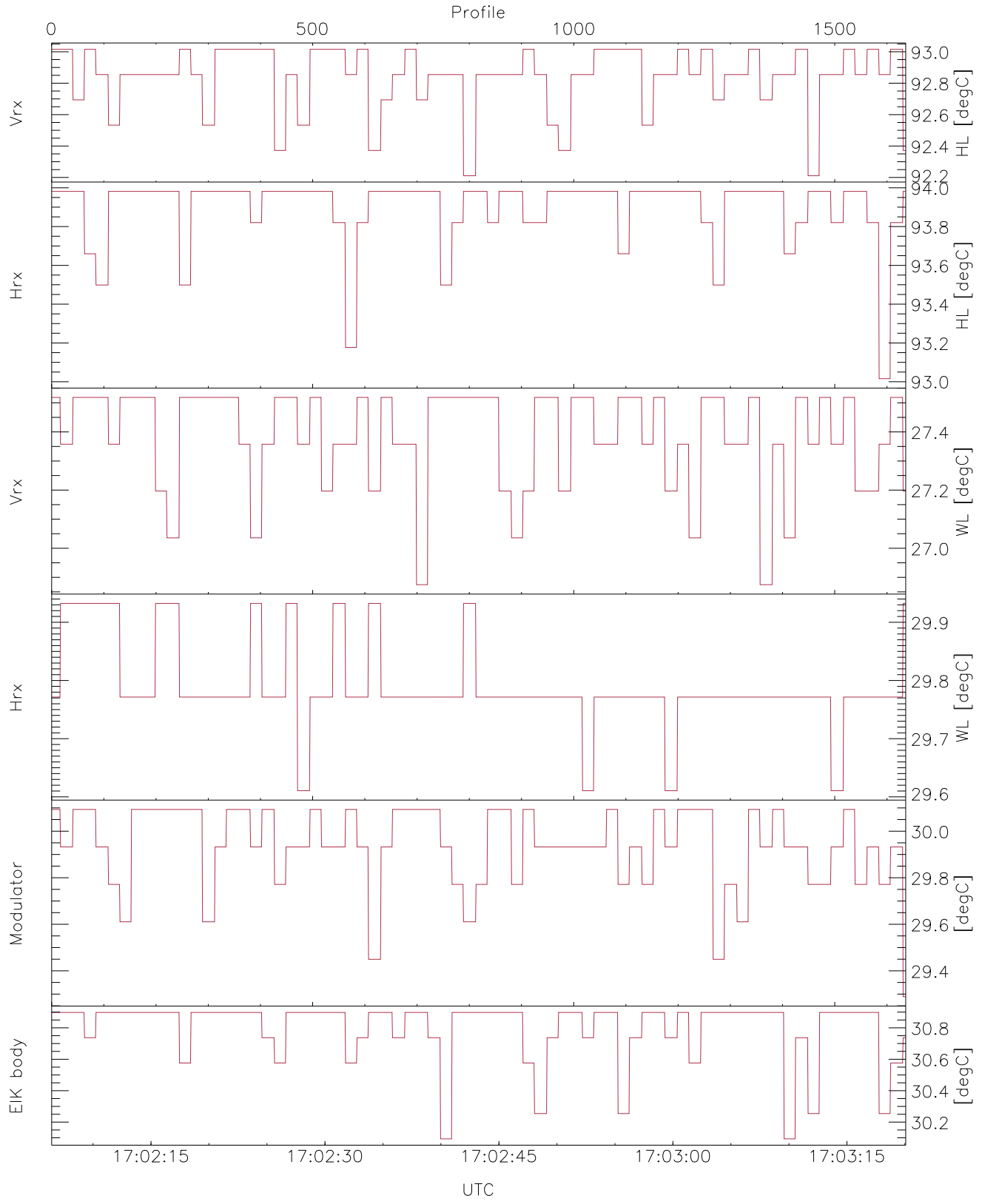


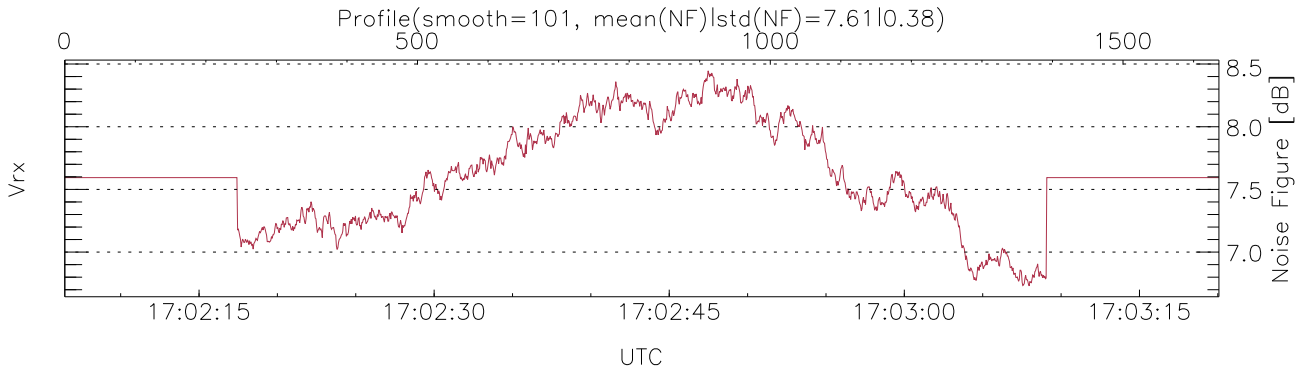
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

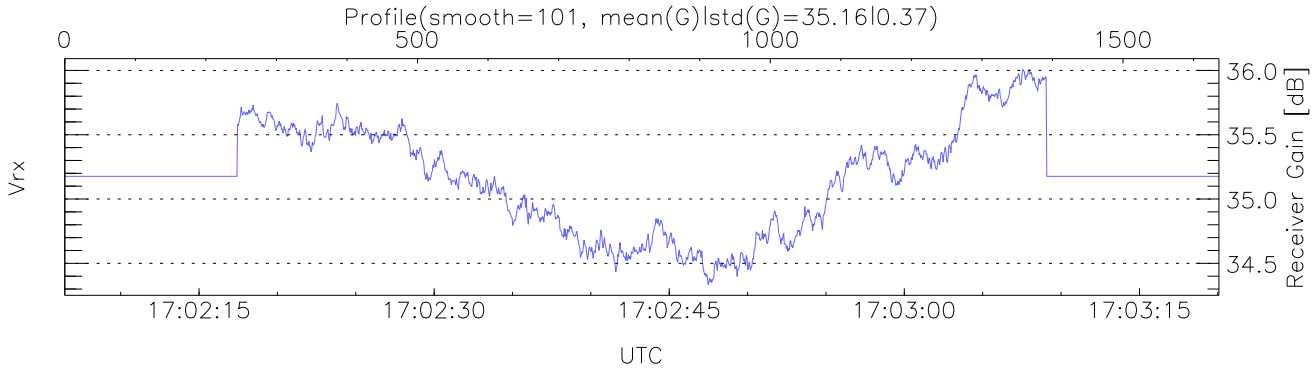
UTC: 17:02:06-17:03:20, TimeCor: 0.00s, Dur: 73.64s
TimeFlg: 1, TFPstatus constant.
TimeInt/PPS(min,max,mn,std): 45.0,45.0,45.0,0.0 ms / 22.2,22.2,22.2
NumRec(r/t): 1637/1637, 0-1636/17:02:06-17:03:20
AcqTime: 45.0ms, Rate: 0.490MB/s, Averages (req.,actual): 100,100
Pulse: 250ns, IFF: 4.0MHz, Tx: H1 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

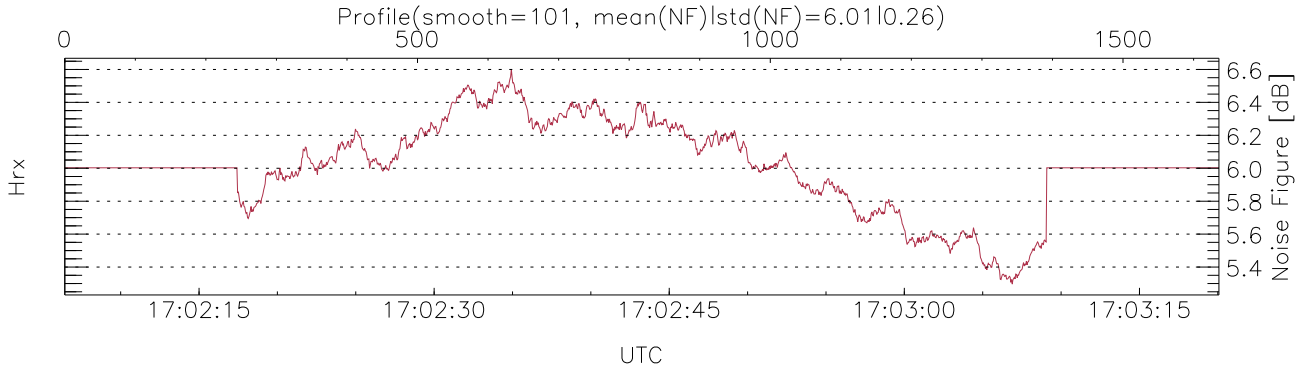


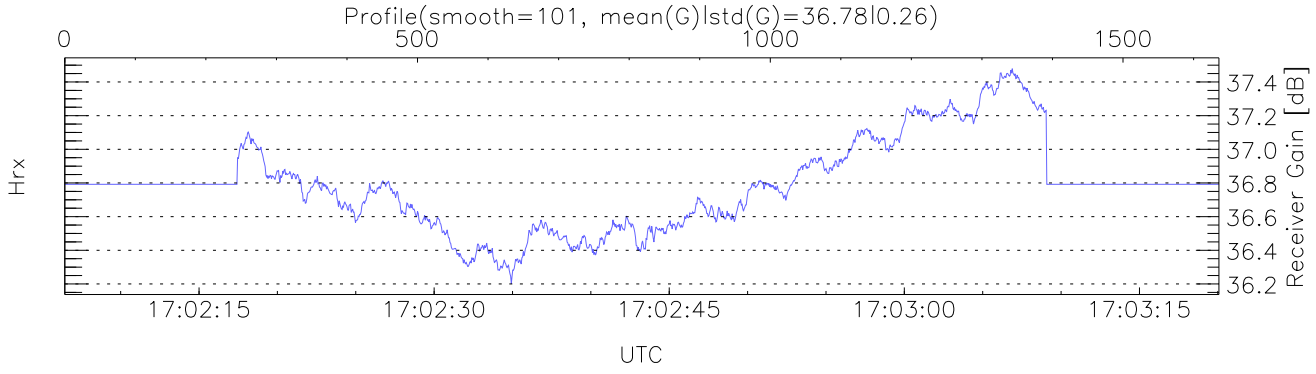
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

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



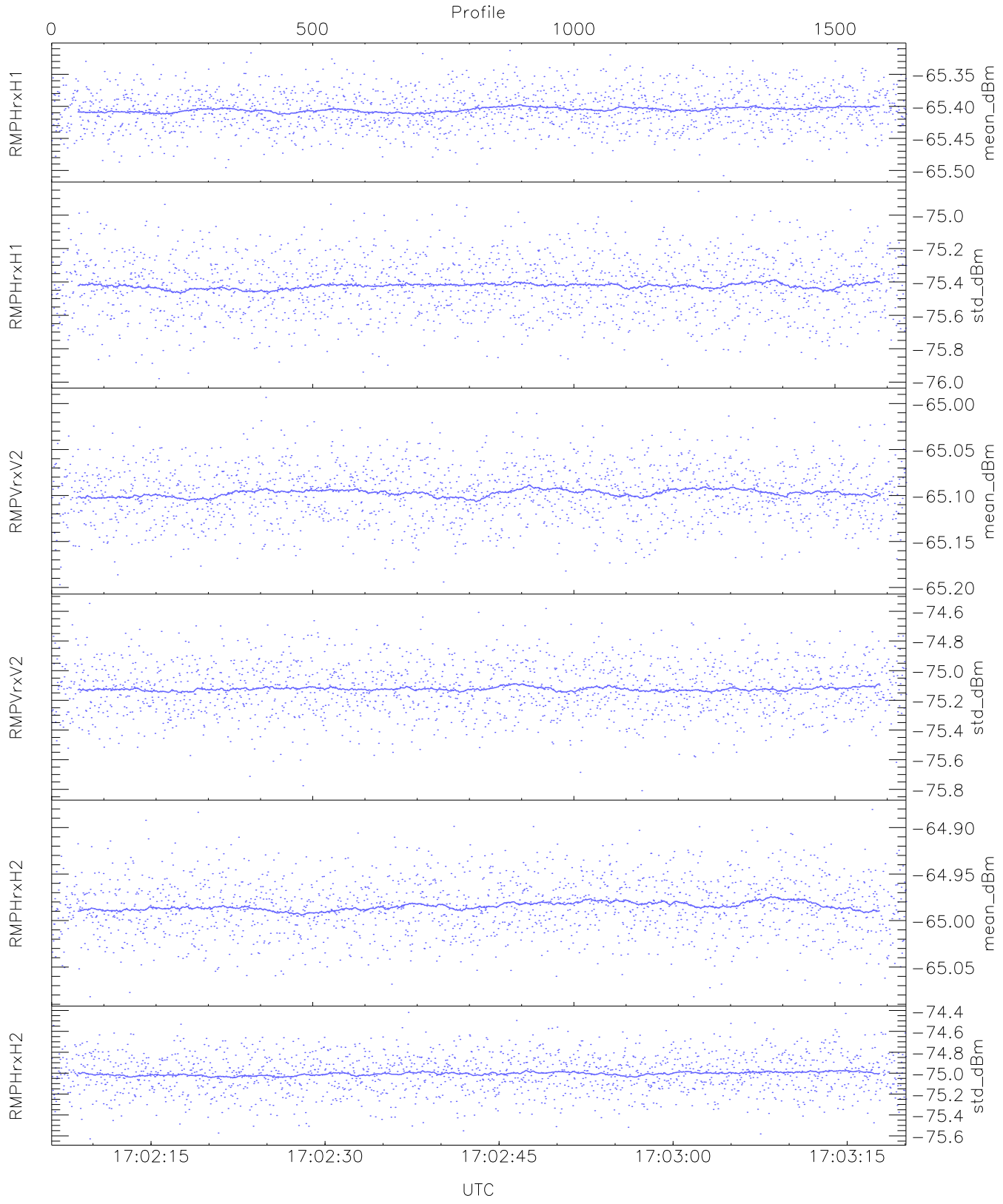






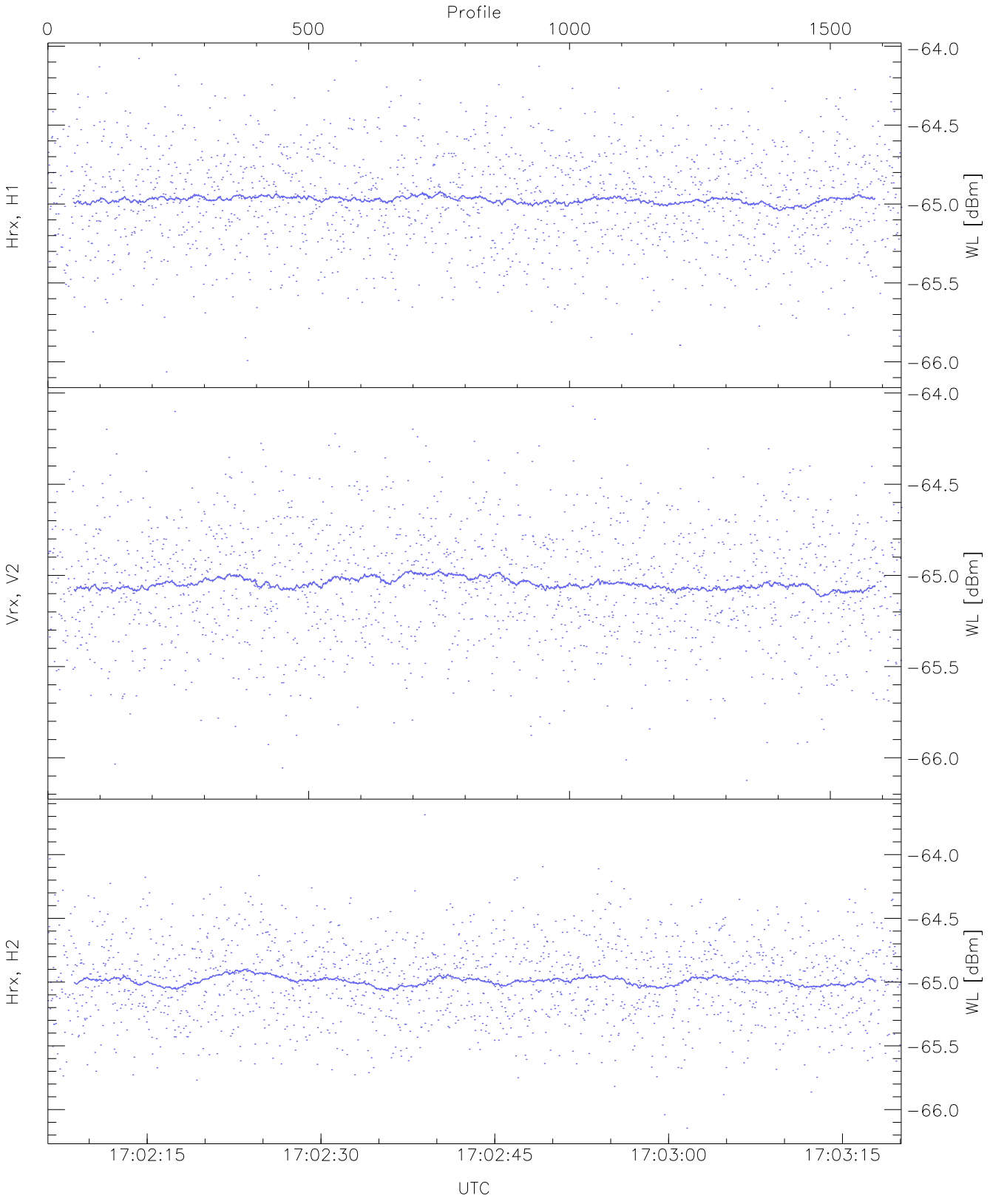
WCR3 CPP Receivers Gain and Noise Figure

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



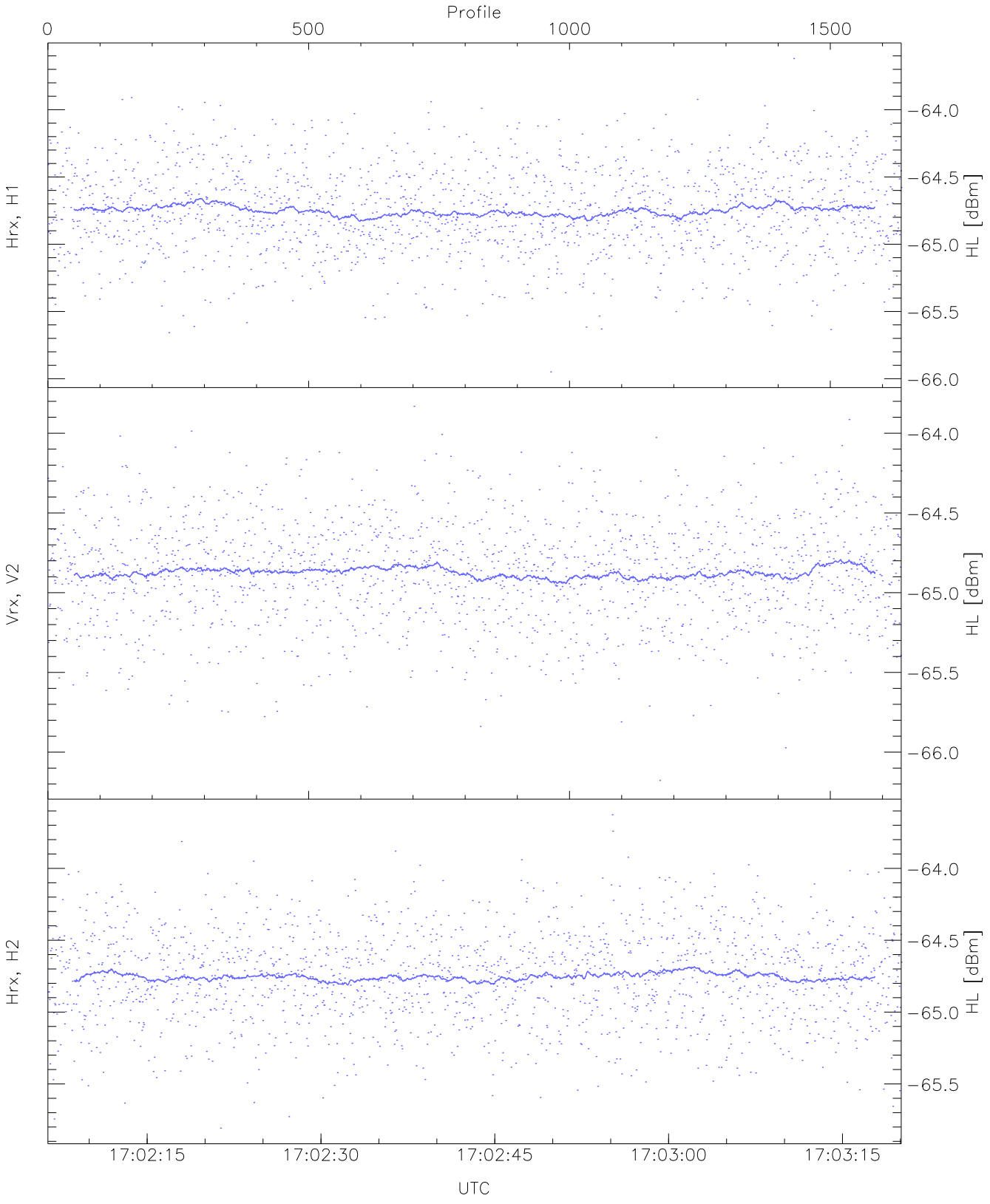
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.51	-65.31	-65.41	-65.41	-87.01
RMPHrxH1(std_dBm)	-75.98	-74.86	-75.42	-75.42	-89.38
RMPVrxV2(mean_dBm)	-65.20	-64.99	-65.10	-65.10	-86.74
RMPVrxV2(std_dBm)	-75.81	-74.55	-75.12	-75.13	-89.07
RMPHrxH2(mean_dBm)	-65.08	-64.88	-64.98	-64.99	-86.57
RMPHrxH2(std_dBm)	-75.63	-74.42	-75.00	-75.00	-88.80



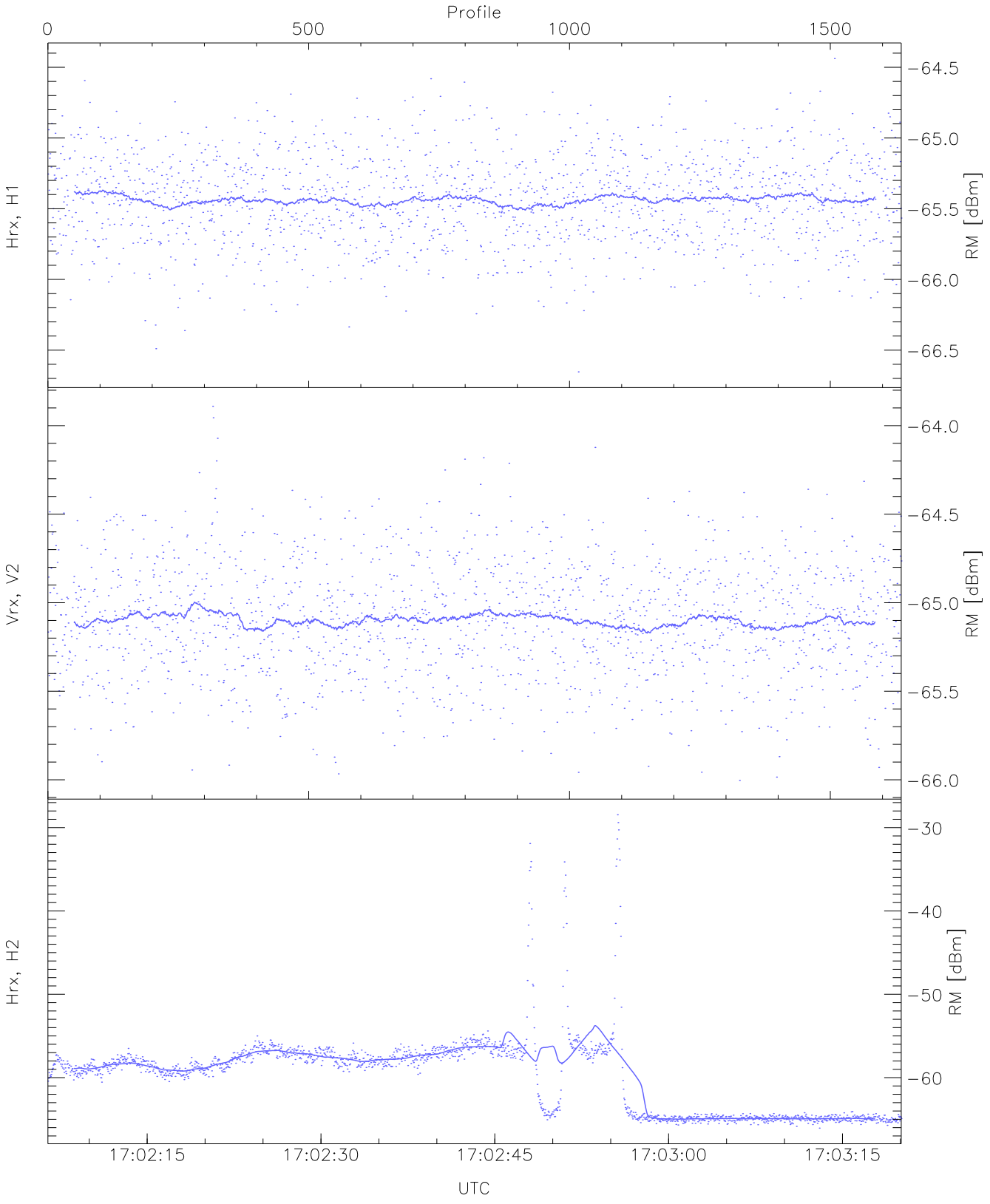
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.06	-64.08	-64.96	-64.96	-76.45
Vrx, V2(WL [dBm])	-66.12	-64.07	-65.04	-65.04	-76.52
Hrx, H2(WL [dBm])	-66.15	-63.69	-64.98	-64.99	-76.45



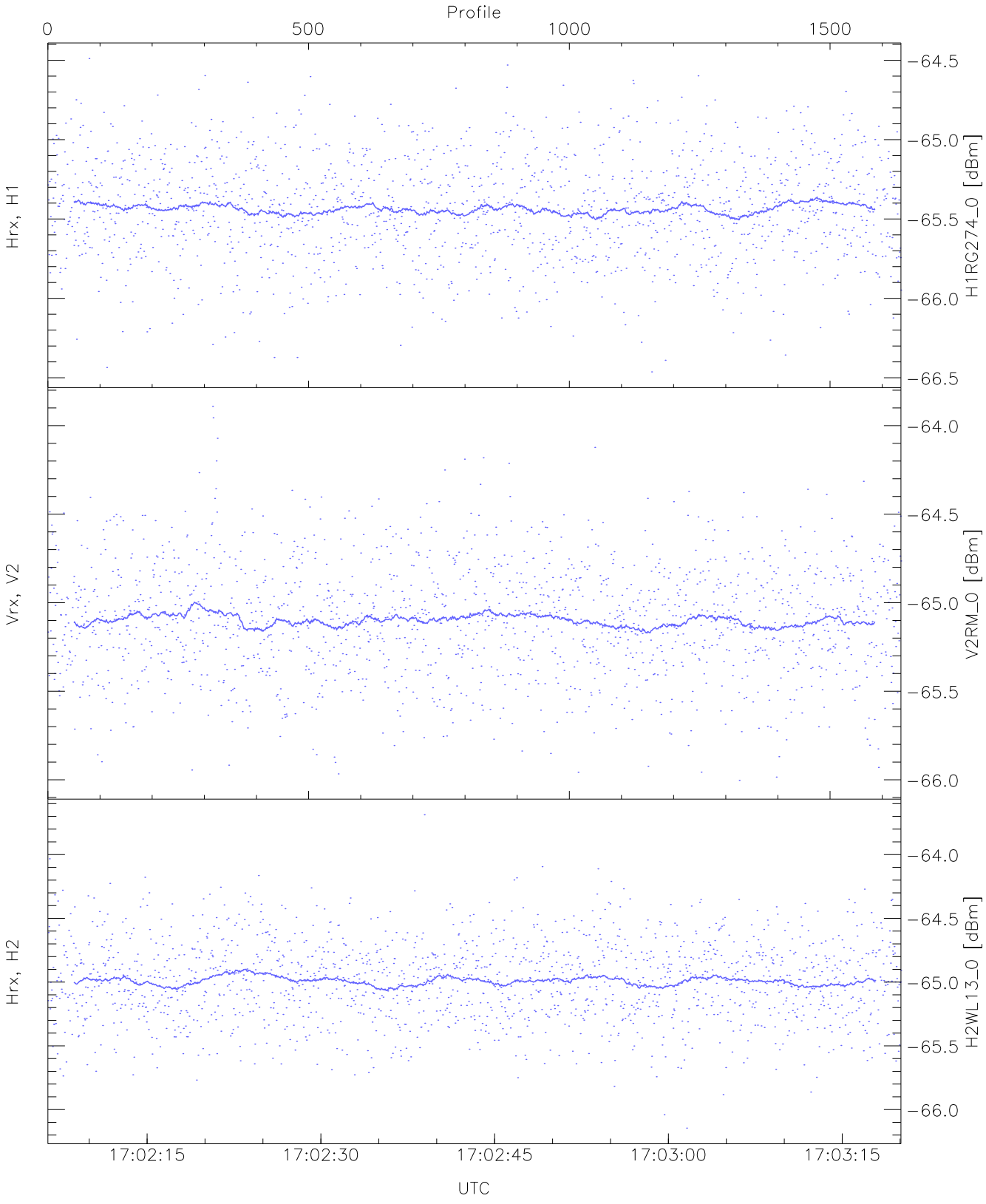
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-65.95	-63.62	-64.74	-64.76	-76.22
Vrx, V2(HL [dBm])	-66.18	-63.83	-64.87	-64.86	-76.31
Hrx, H2(HL [dBm])	-65.81	-63.63	-64.75	-64.75	-76.18



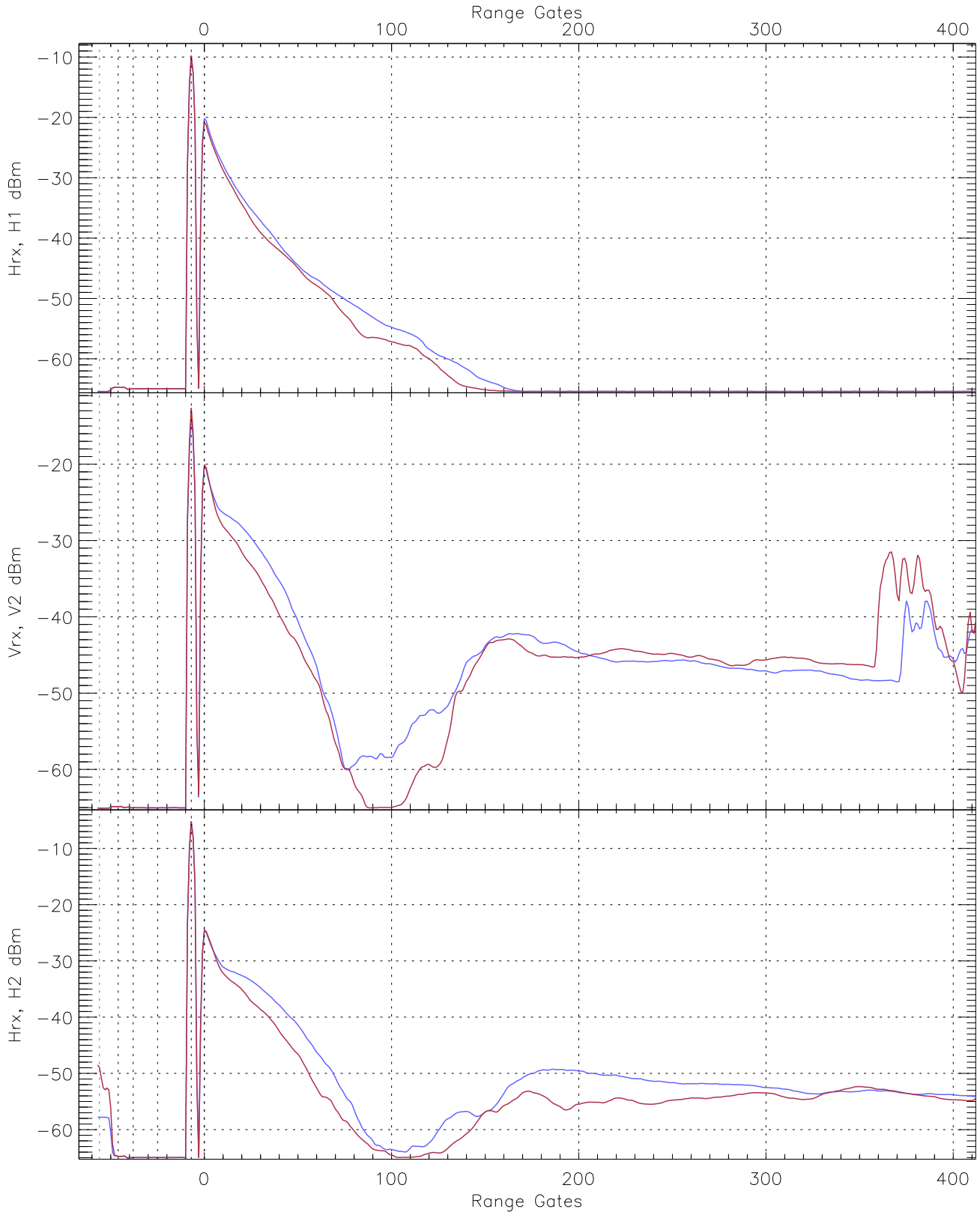
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-66.65	-64.44	-65.43	-65.43	-77.01
Vrx, V2(RM [dBm])	-66.00	-63.89	-65.09	-65.10	-76.51
Hrx, H2(RM [dBm])	-66.06	-28.46	-51.45	-58.59	-41.97

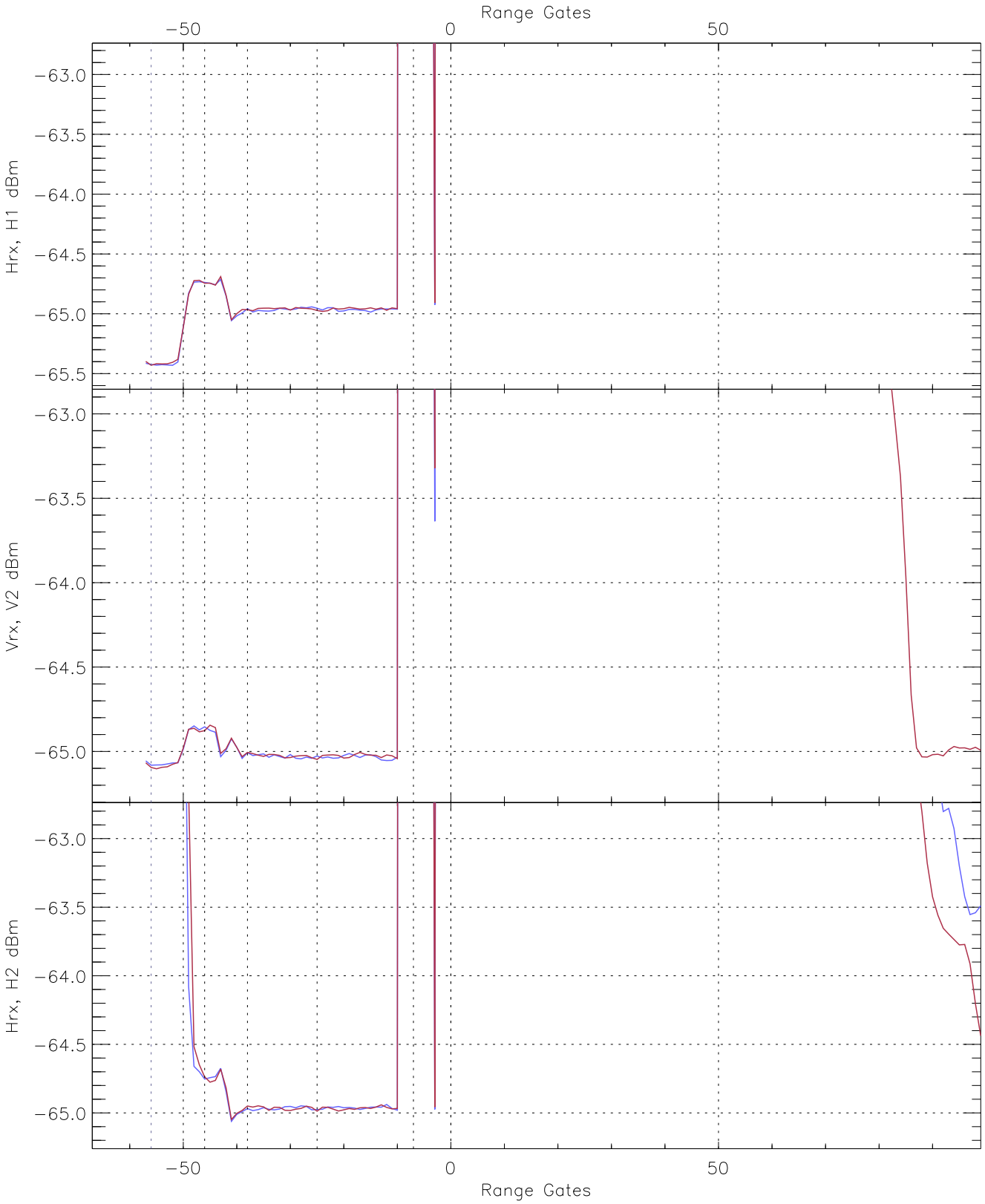


WCR3 CPP "Best" estimate Receivers Noise Power

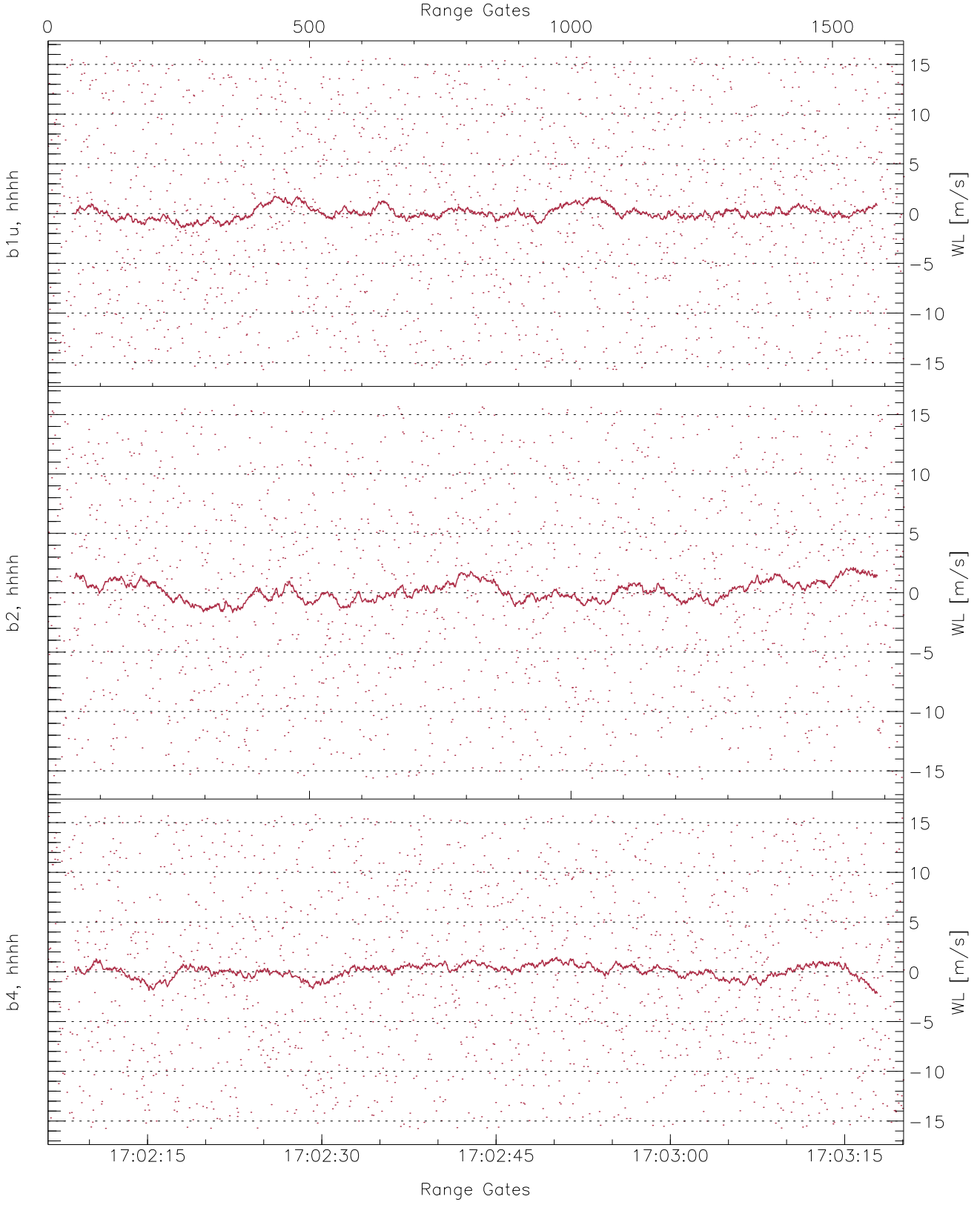
	Min	Max	Mean	Median	StDev
H1RG274_0 [dBm]	-66.46	-64.49	-65.43	-65.43	-76.89
V2RM_0 [dBm]	-66.00	-63.89	-65.09	-65.10	-76.51
H2WL13_0 [dBm]	-66.15	-63.69	-64.98	-64.99	-76.45



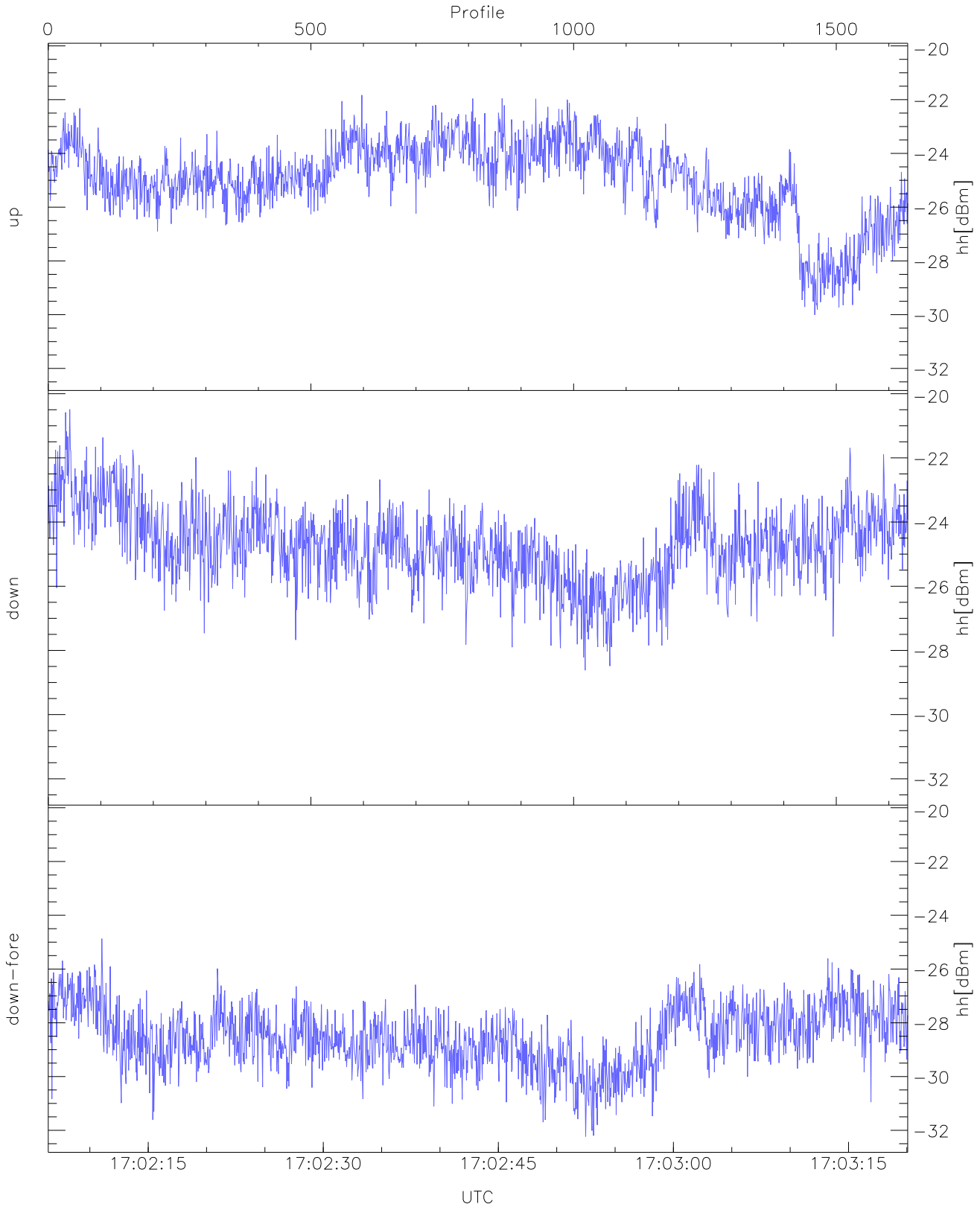
WCR3 CPP Averaged Received power for all recorded gates
blue: 170206-170243, 819 profiles averaged
red: 170243-170320, 819 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 170206-170243, 819 profiles averaged
red: 170243-170320, 819 profiles averaged

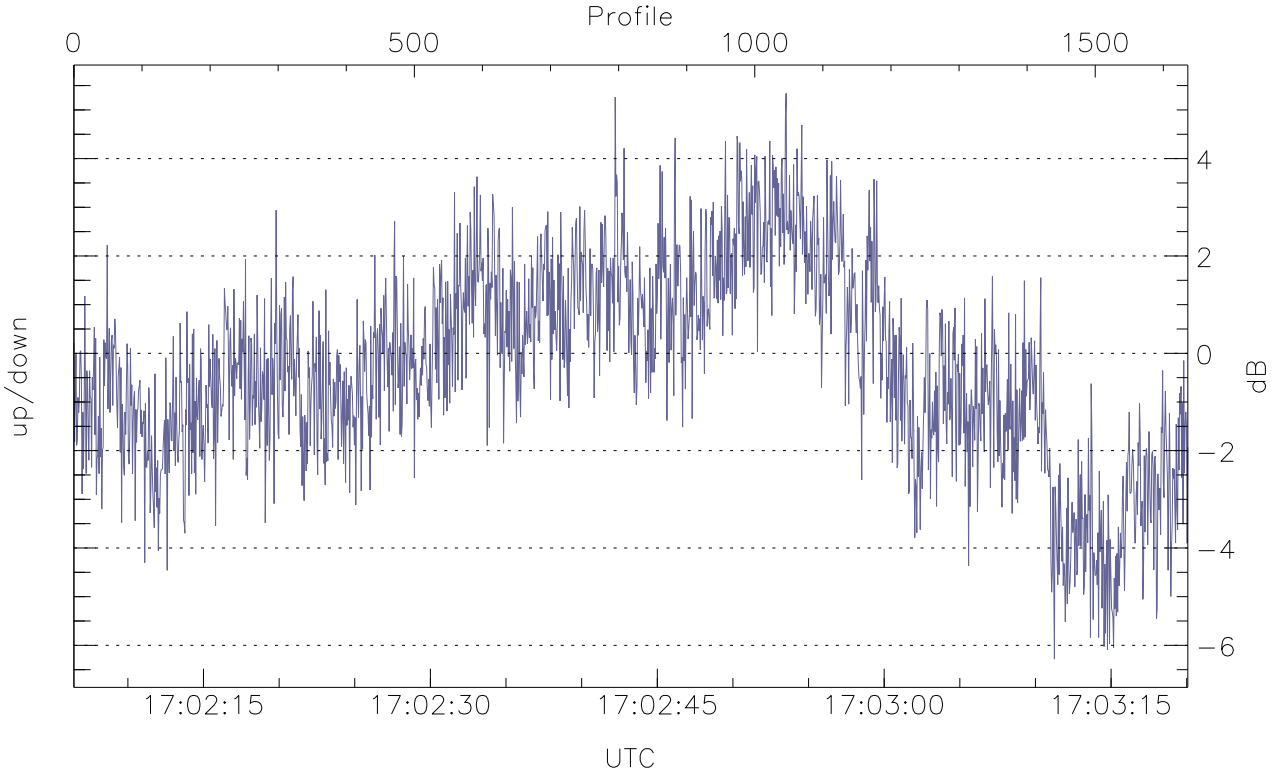


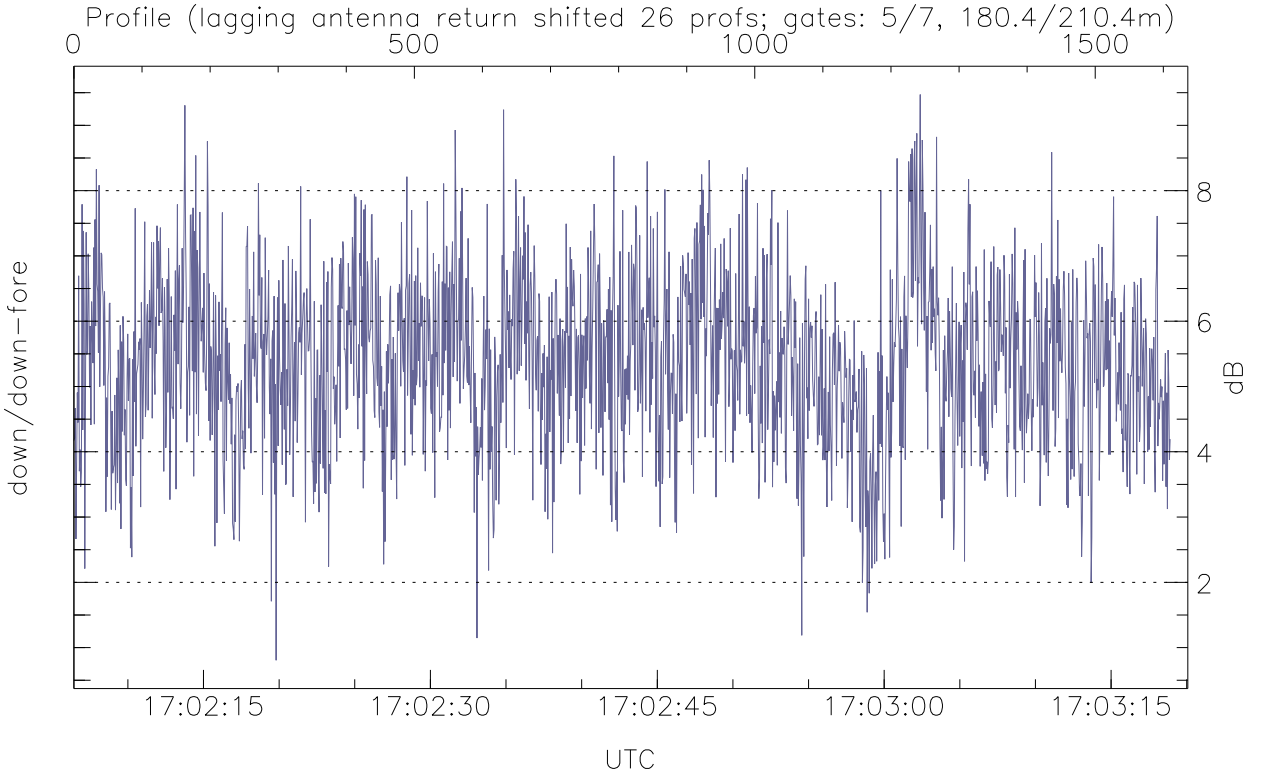
WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

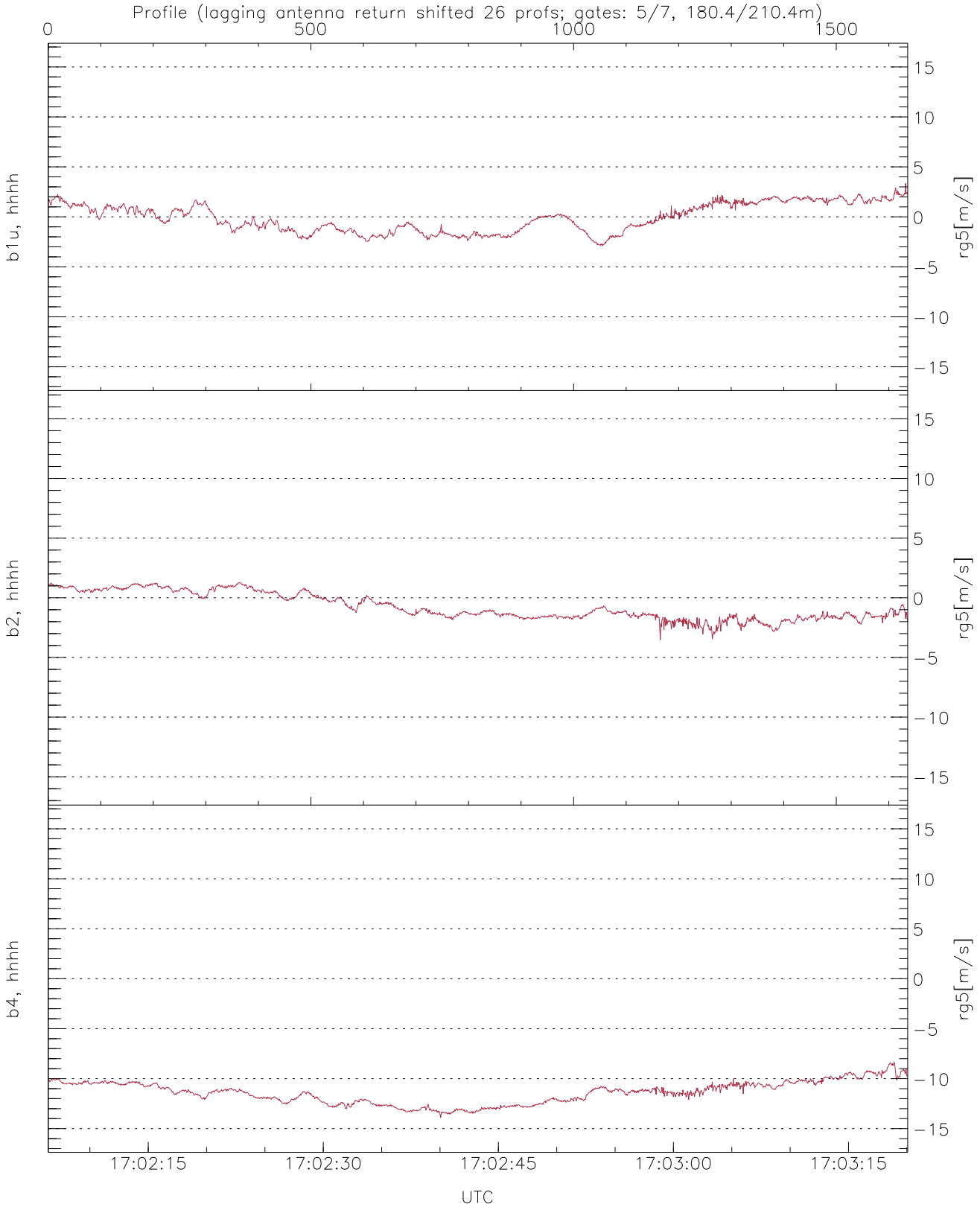
	Min	Max	Mean
up(hh[dBm])	-30.01	-21.83	-24.76
down(hh[dBm])	-28.62	-20.49	-24.57
down-fore(hh[dBm])	-32.23	-24.87	-28.38





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

	Min	Max	Mean
up/down(dB)	-6.28	5.34	-0.25
down/down-fore(dB)	0.81	9.47	5.39



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.91	3.36	-0.09	1.43
b2, hhhh(rg5[m/s])	-3.53	1.27	-0.78	1.13
b4, hhhh(rg5[m/s])	-13.91	-8.36	-11.41	1.12