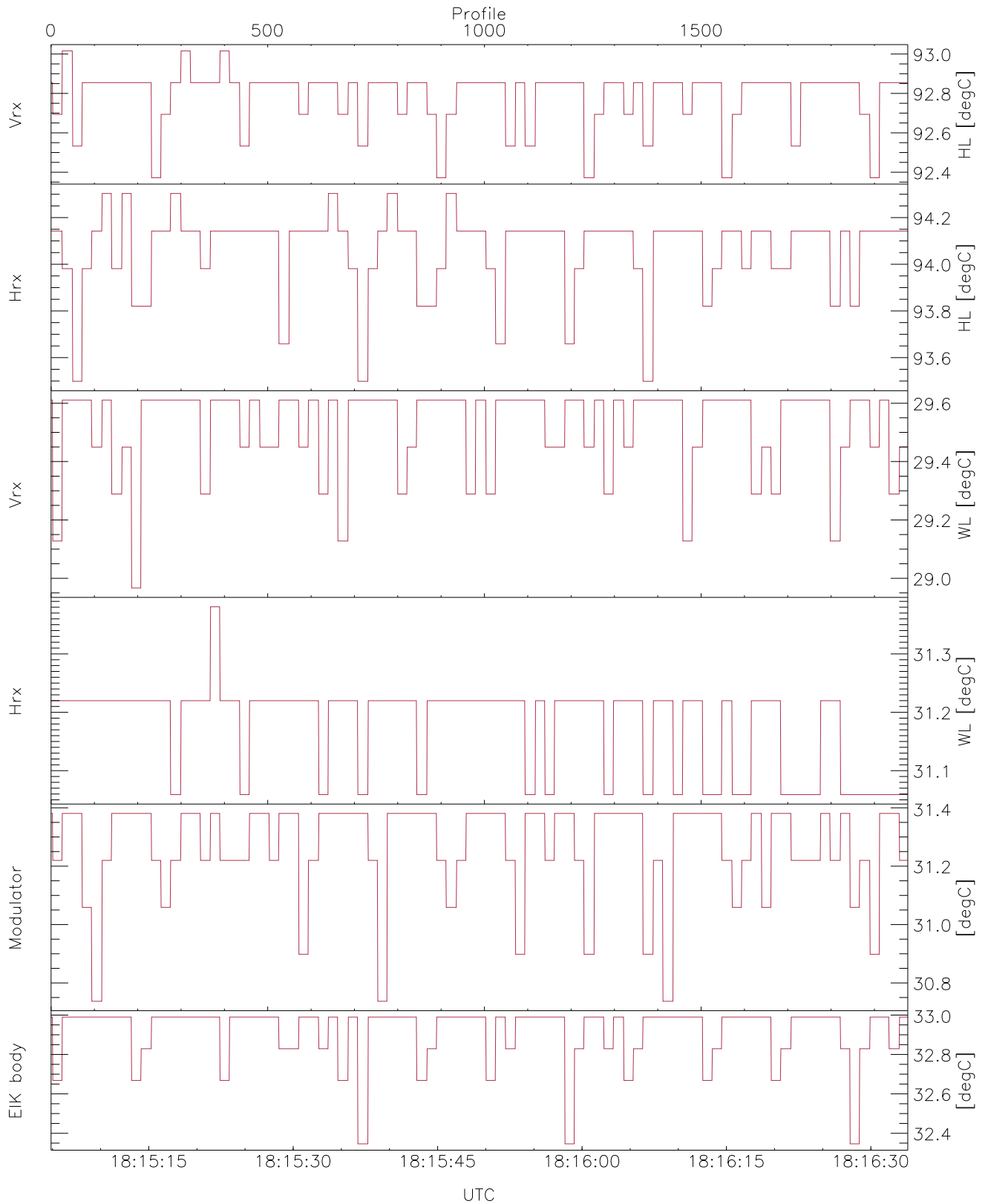


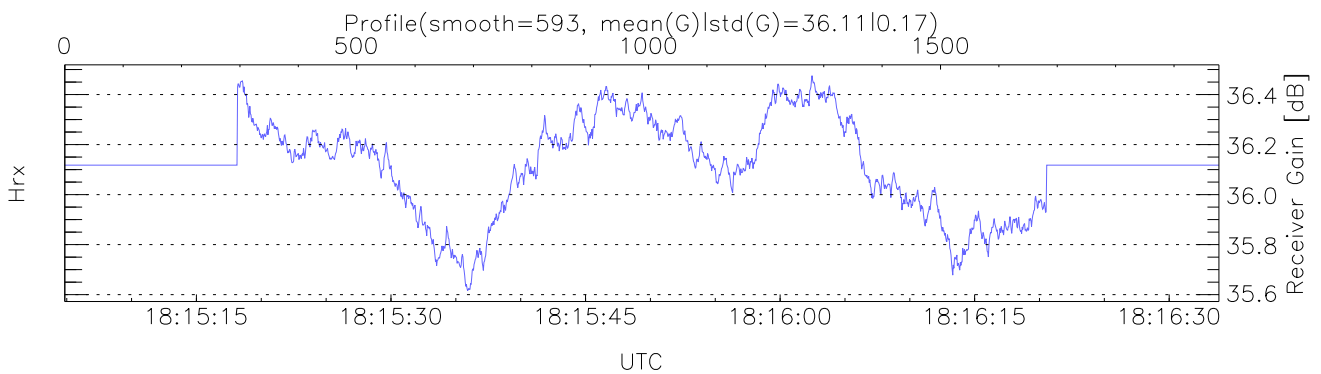
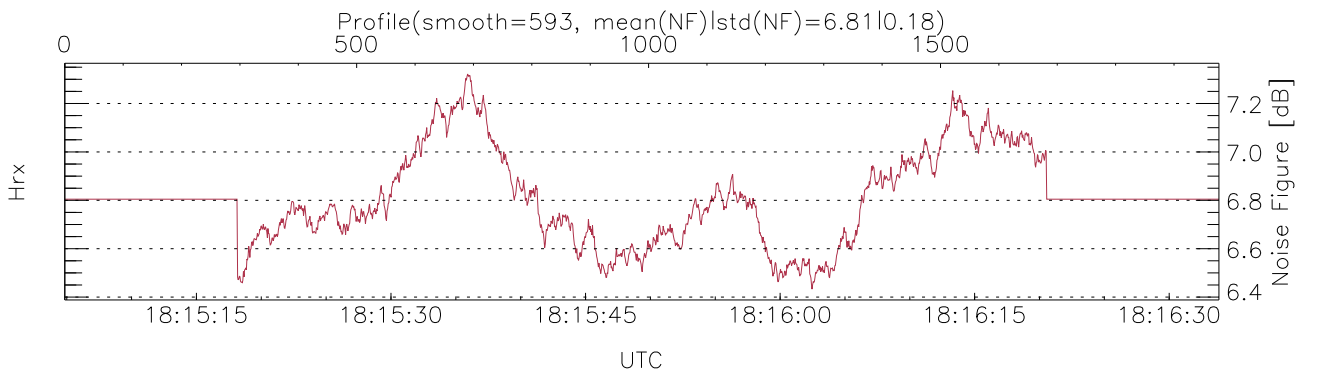
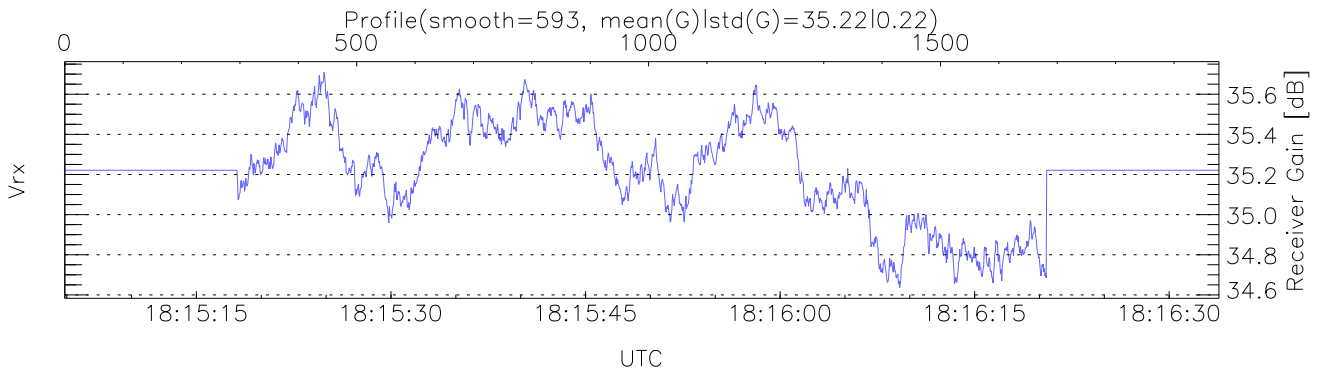
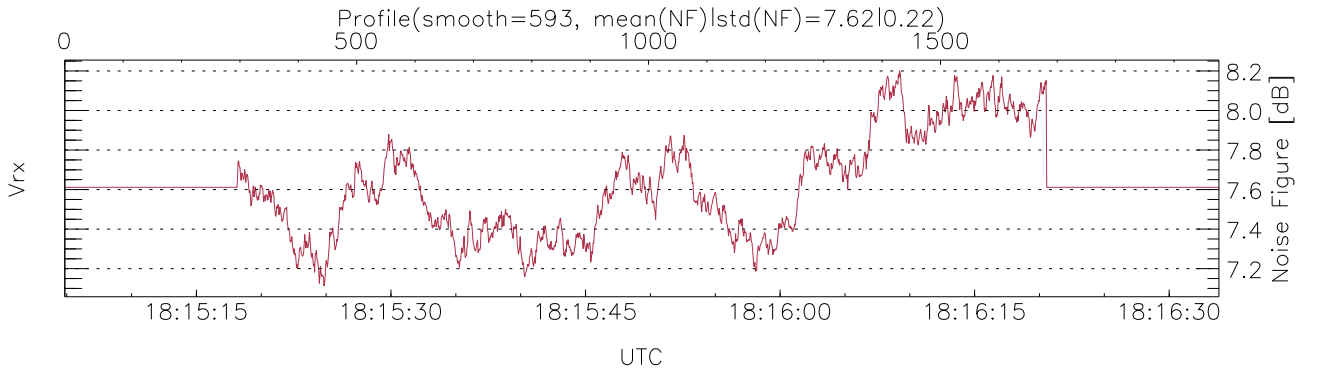
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:15:05-18:16:34, TimeCor: 0.00s, Dur: 88.99s
 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): 1978/1978, 0-1977/18:15:05-18:16:34
 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(-910112,3,9x = no mirror|sidelup|error): 3



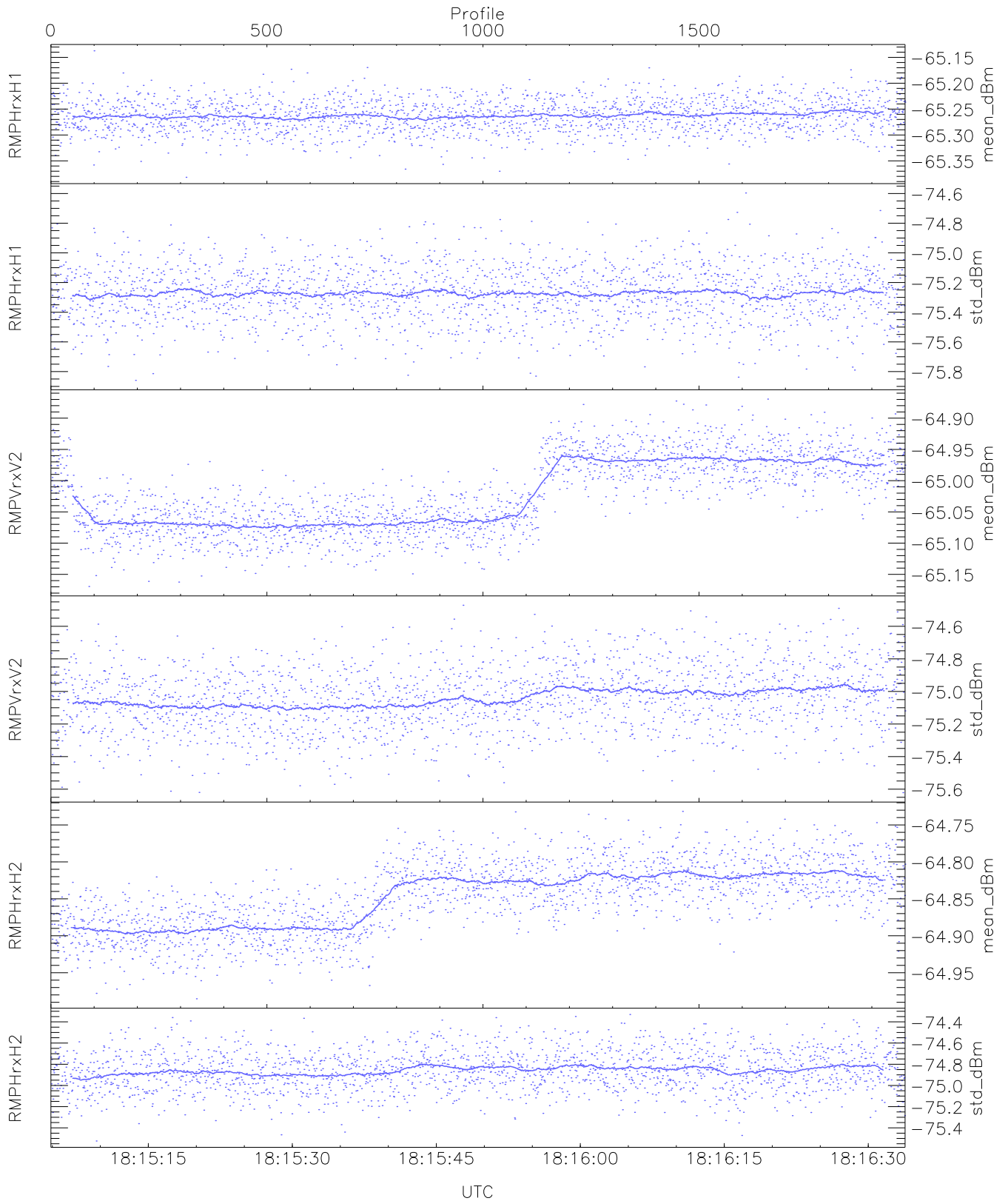
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,28,31,30,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,29,31,31,32
LOalarm(20,240,2817,14861 MHz): 0,0,22,0
EIK/Modulator Faults: None



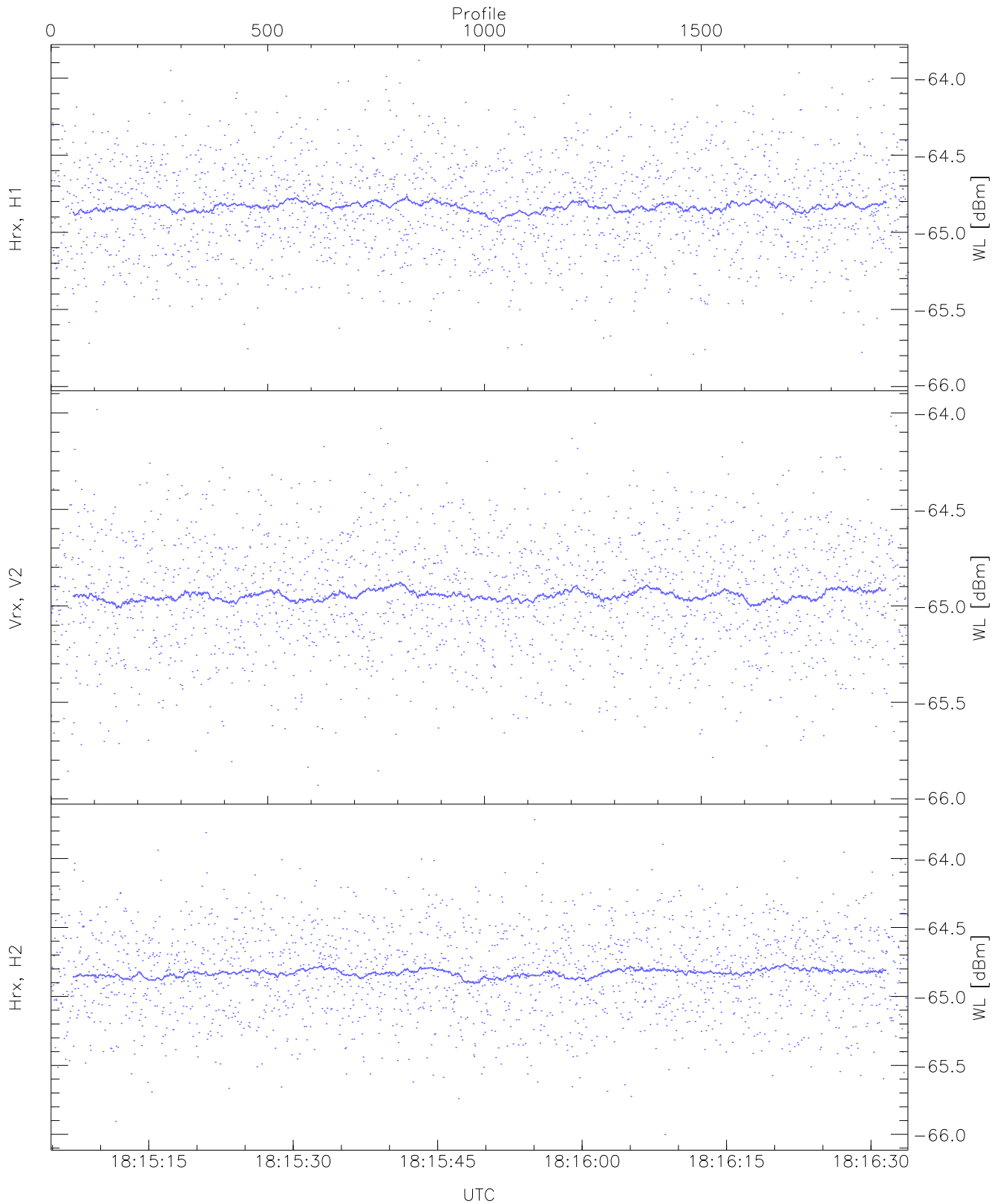
WCR3 CPP Receivers Gain and Noise Figure

Rx Saturation: 276 pixs, 1 gates, 276 profs, 1 prod(s)



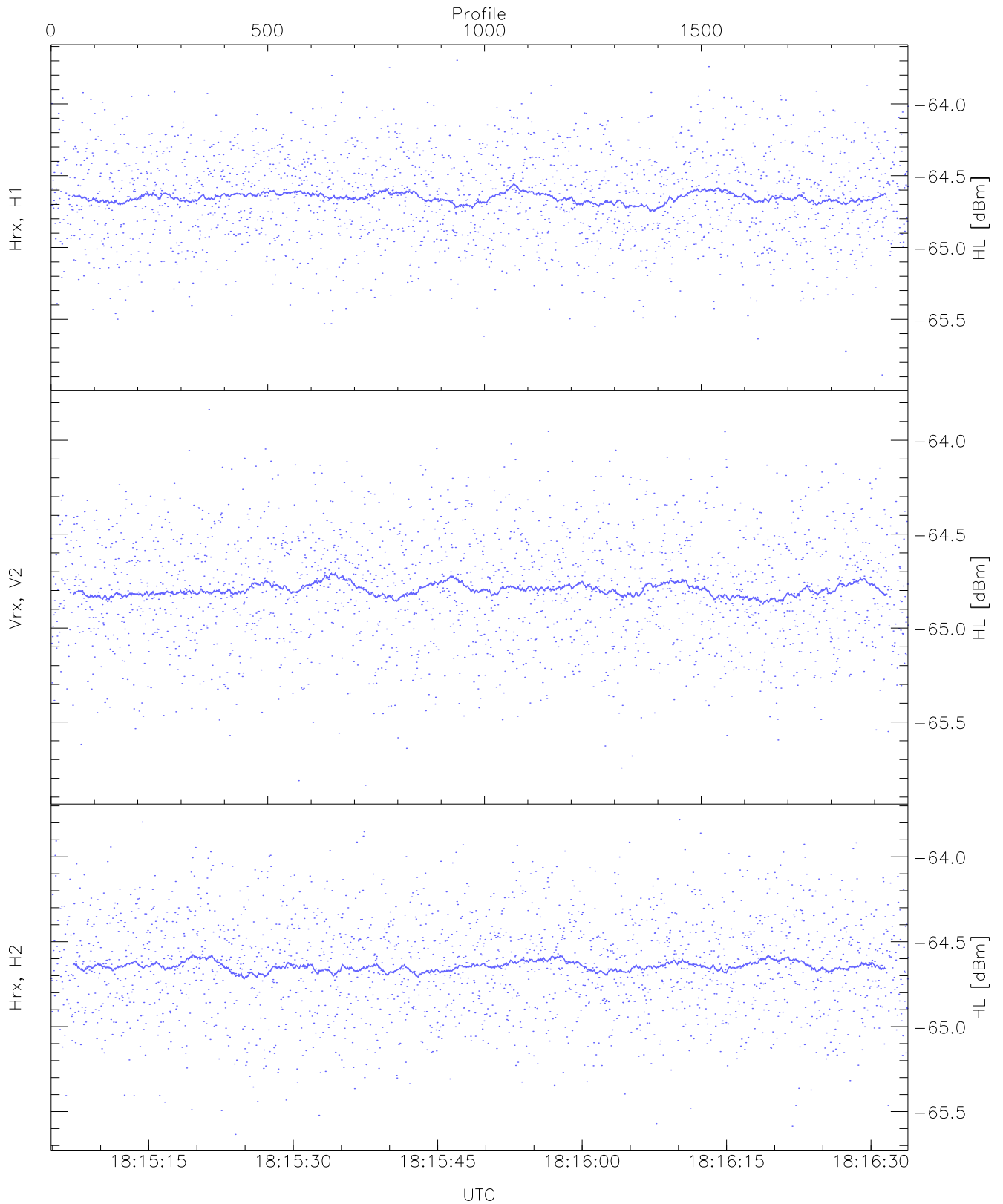
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.38	-65.14	-65.26	-65.26	-86.85
RMPHrxH1(std_dBm)	-75.86	-74.60	-75.27	-75.27	-89.07
RMPVrxV2(mean_dBm)	-65.17	-64.87	-65.02	-65.03	-83.73
RMPVrxV2(std_dBm)	-75.62	-74.47	-75.04	-75.04	-88.62
RMPHrxH2(mean_dBm)	-64.99	-64.73	-64.85	-64.84	-84.68
RMPHrxH2(std_dBm)	-75.52	-74.33	-74.86	-74.86	-88.64



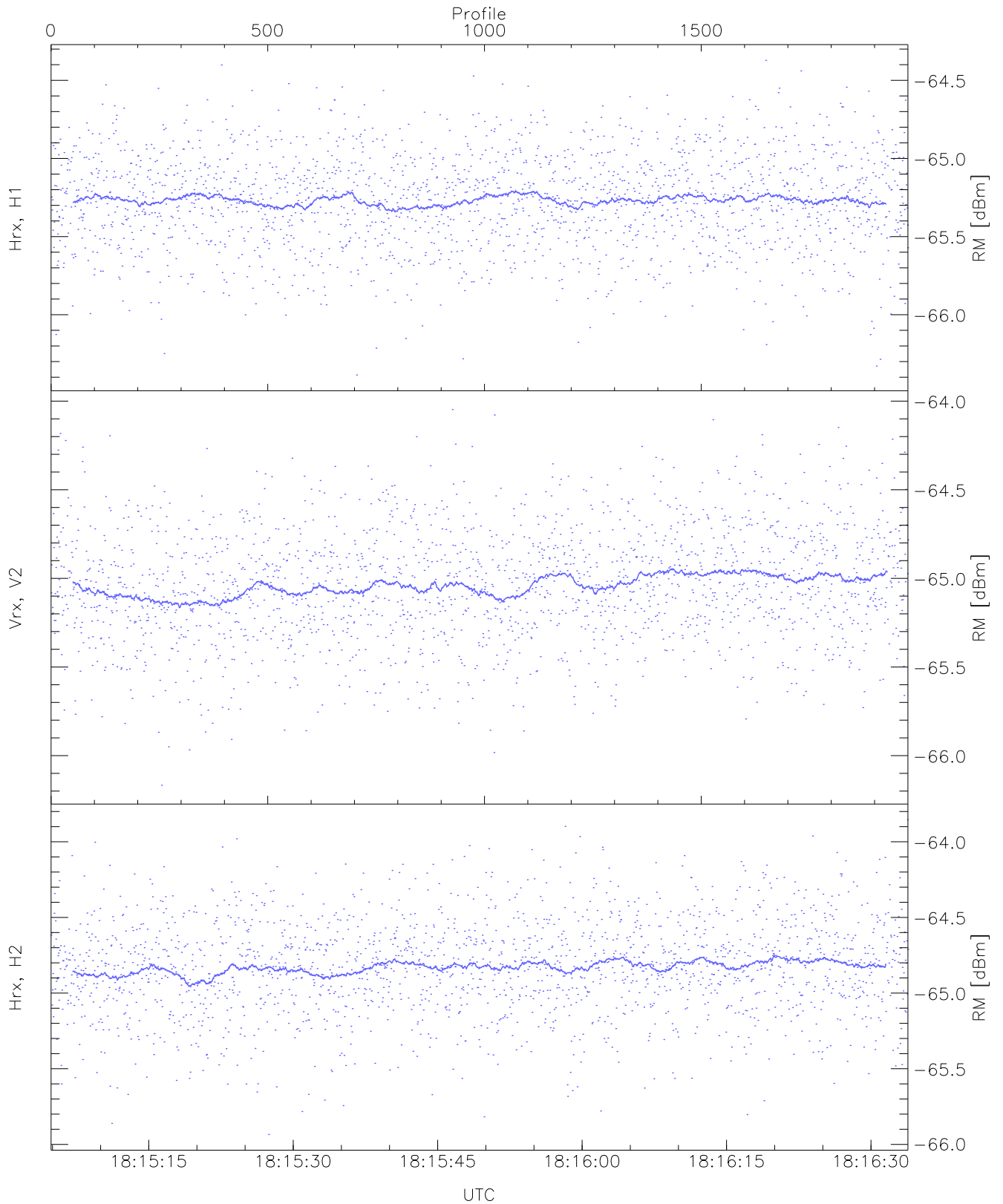
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-65.93	-63.88	-64.83	-64.84	-76.37
Vrx, V2 (WL [dBm])	-65.93	-63.98	-64.94	-64.94	-76.60
Hrx, H2 (WL [dBm])	-66.00	-63.72	-64.82	-64.82	-76.30



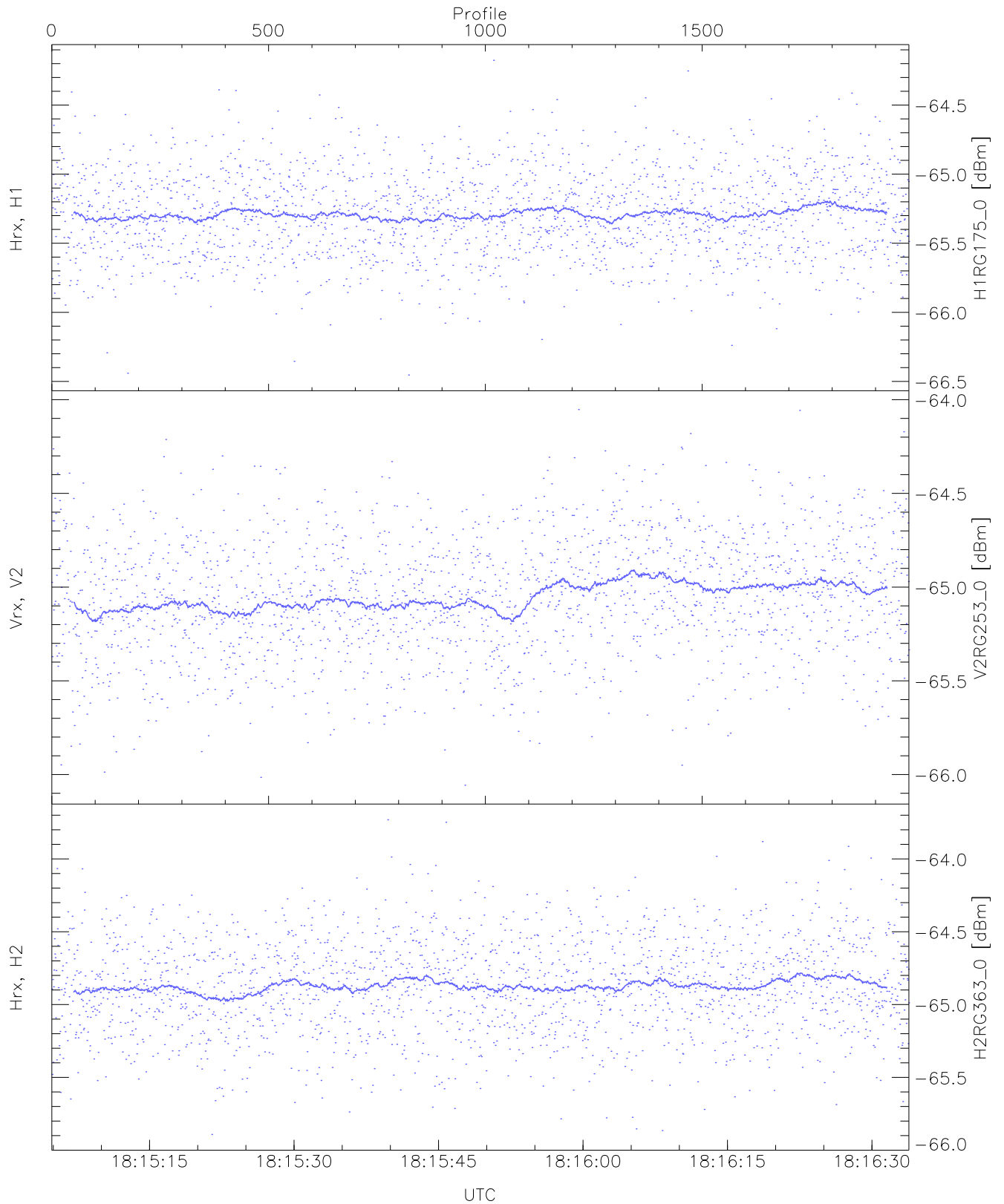
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-65.89	-63.70	-64.64	-64.64	-76.02
Vrx, V2 (HL [dBm])	-65.84	-63.84	-64.79	-64.79	-76.36
Hrx, H2 (HL [dBm])	-65.63	-63.78	-64.64	-64.64	-76.28



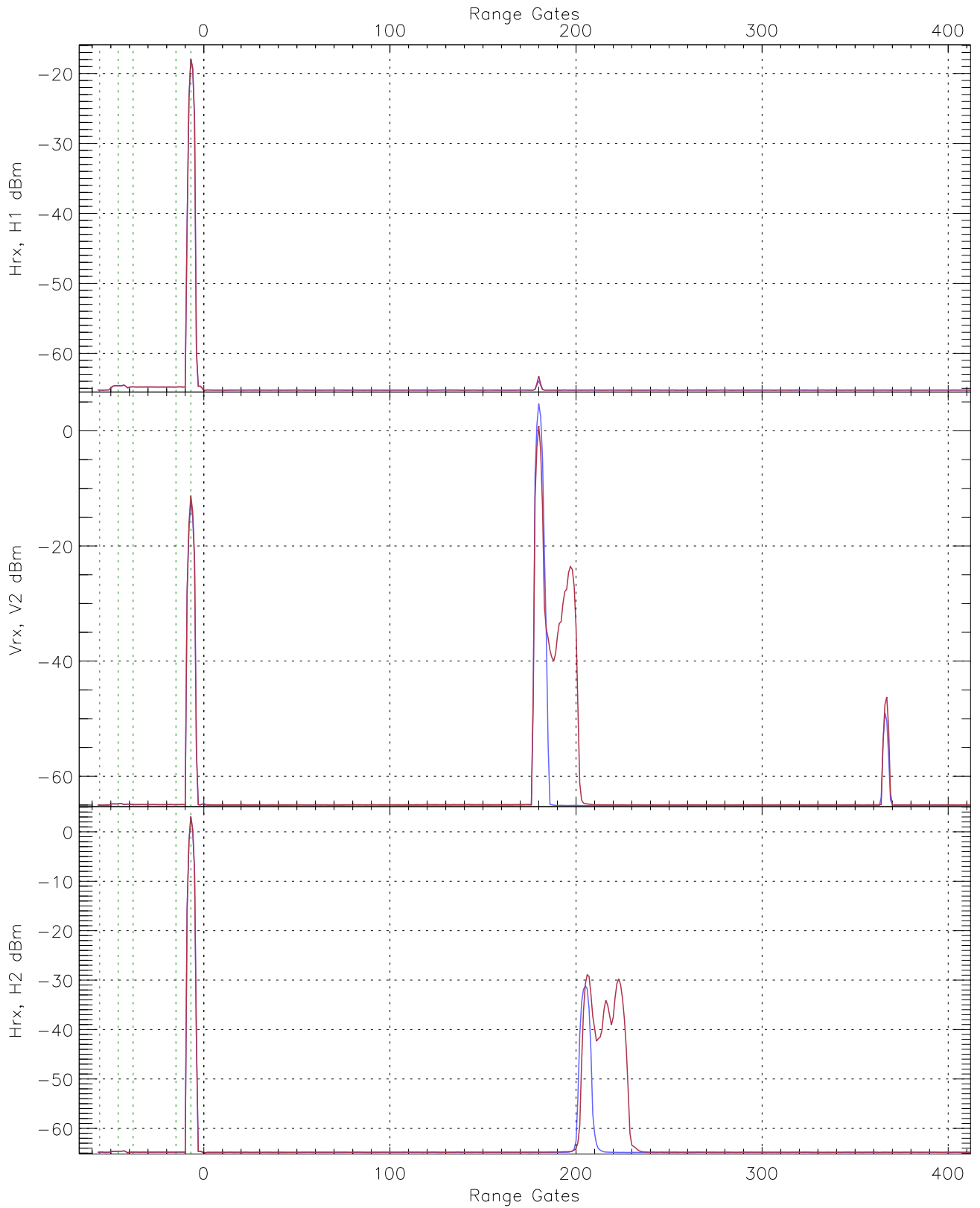
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.39	-64.37	-65.26	-65.26	-76.93
Vrx, V2 (RM [dBm])	-66.17	-64.05	-65.03	-65.05	-76.50
Hrx, H2 (RM [dBm])	-65.93	-63.85	-64.82	-64.83	-76.32

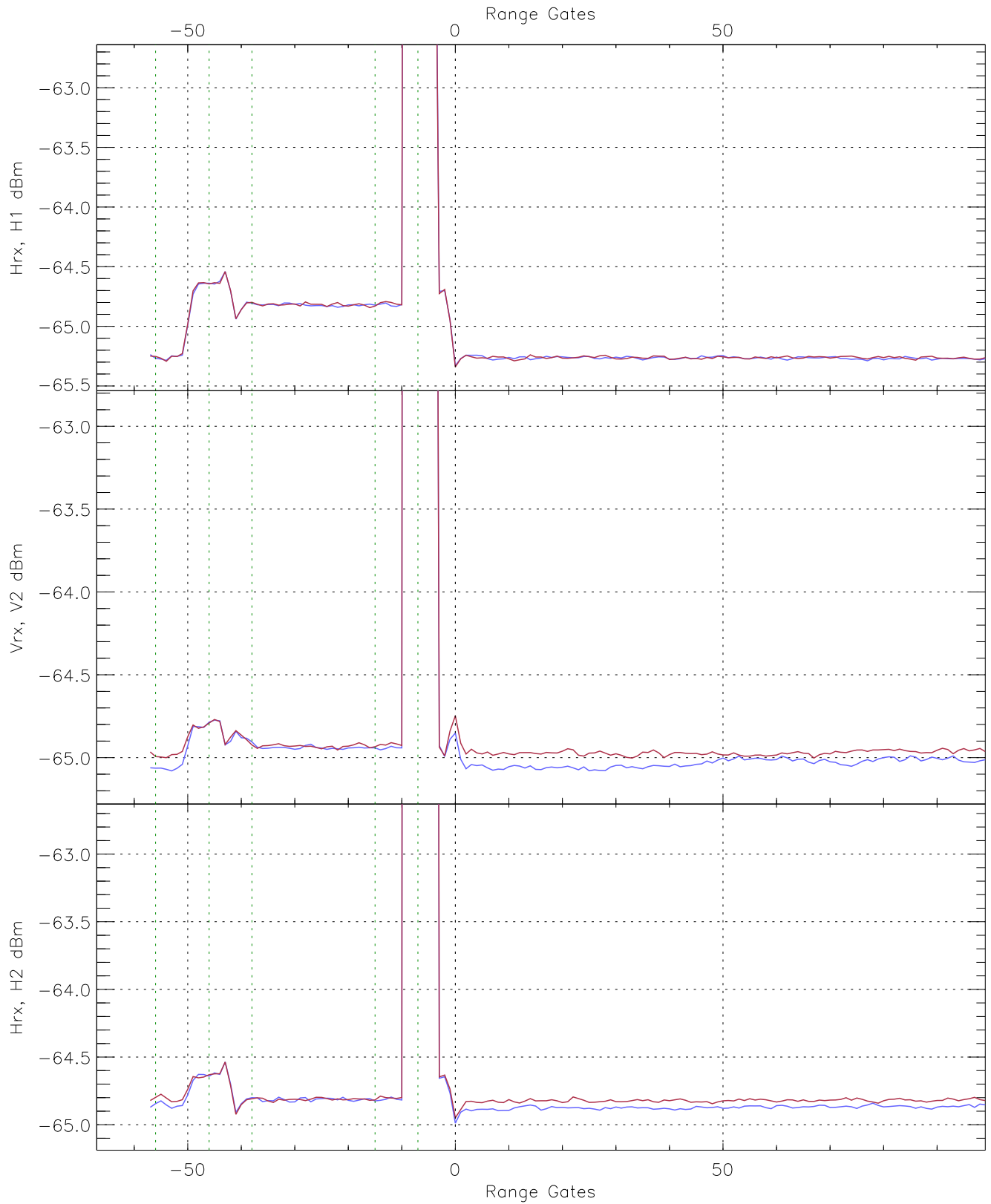


WCR3 CPP "Best" estimate Receivers Noise Power

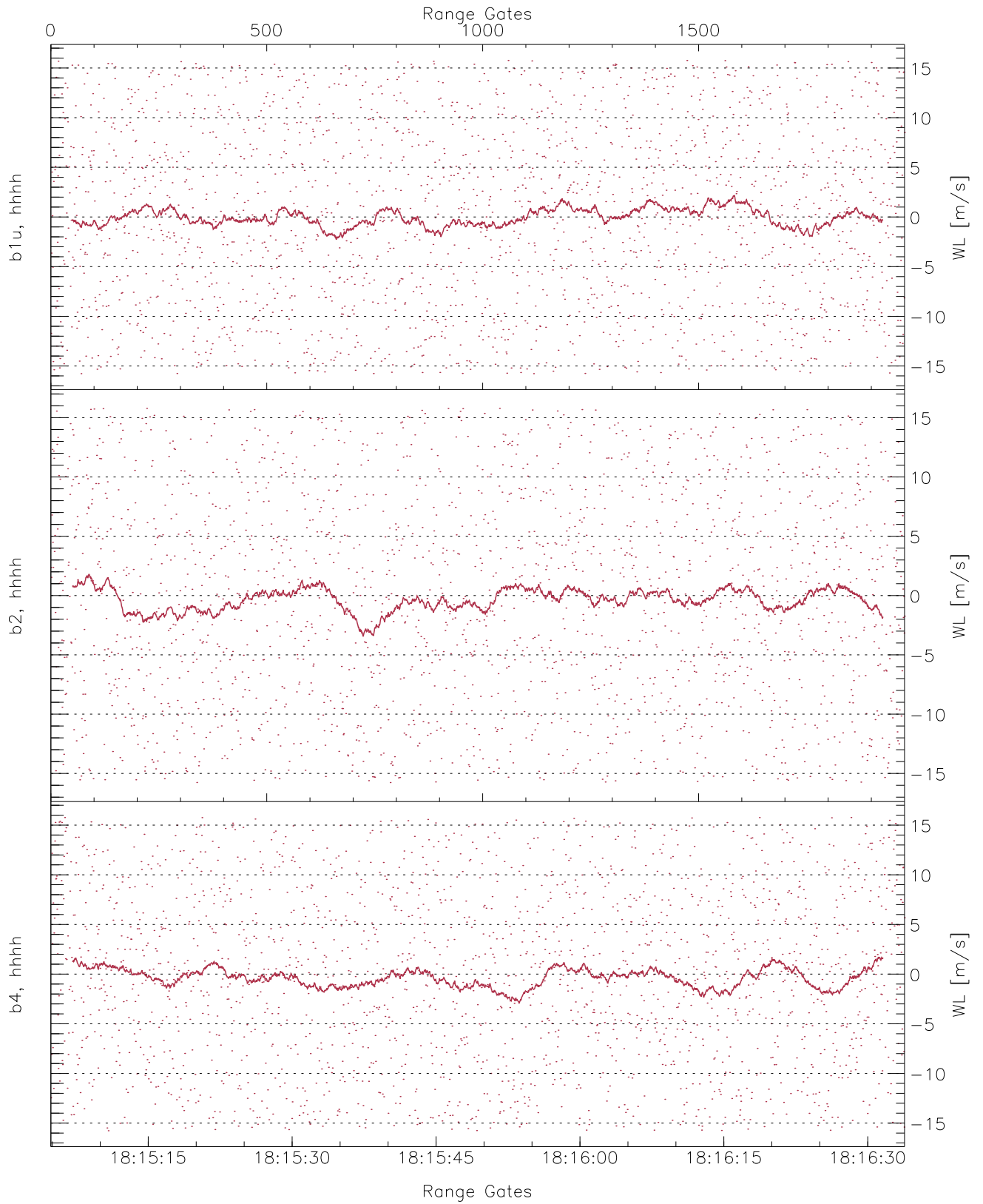
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-66.45	-64.18	-65.28	-65.29	-76.87
V2RG253_0 [dBm]	-66.06	-64.05	-65.04	-65.05	-76.59
H2RG363_0 [dBm]	-65.89	-63.73	-64.86	-64.88	-76.29



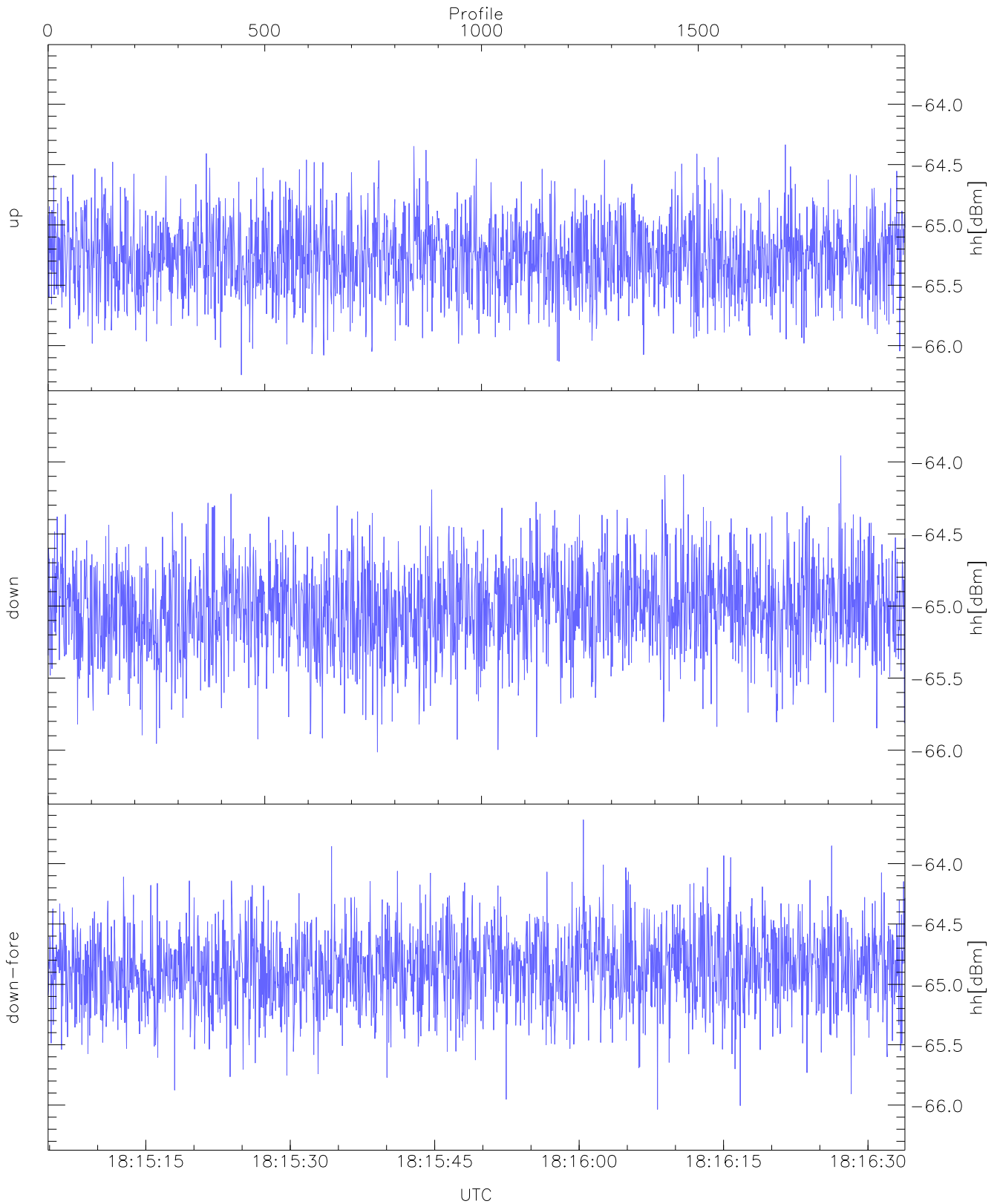
WCR3 CPP Averaged Received power for all recorded gates
blue: 181505-181549, 990 profiles averaged
red: 181549-181634, 989 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181505-181549, 990 profiles averaged
red: 181549-181634, 989 profiles averaged

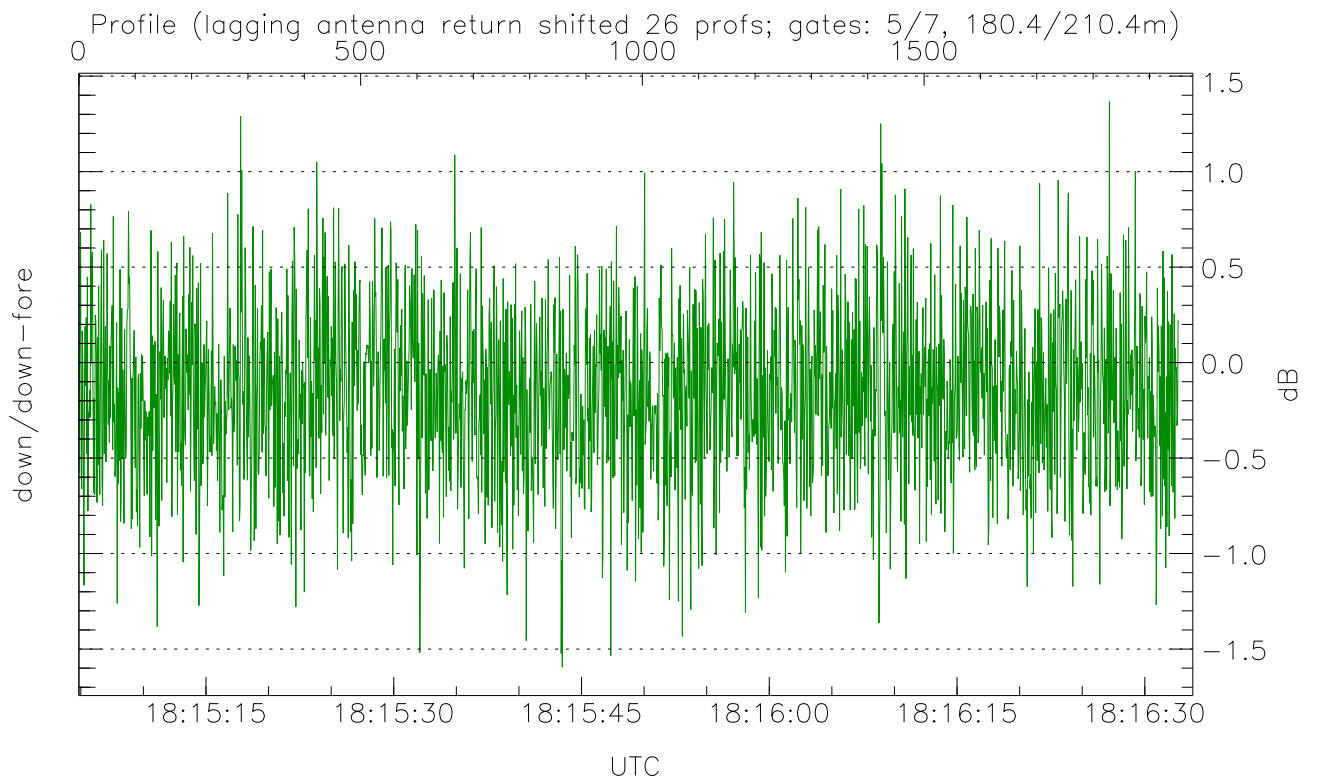
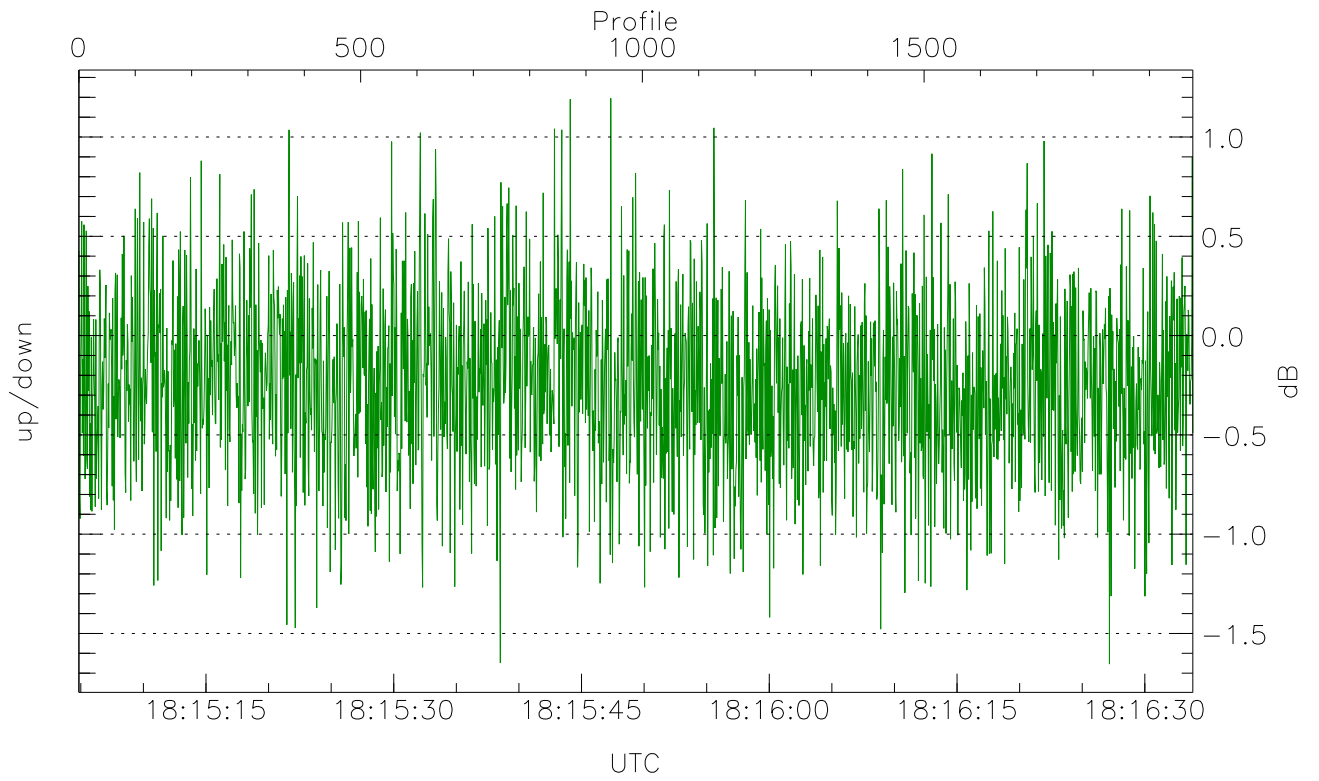


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



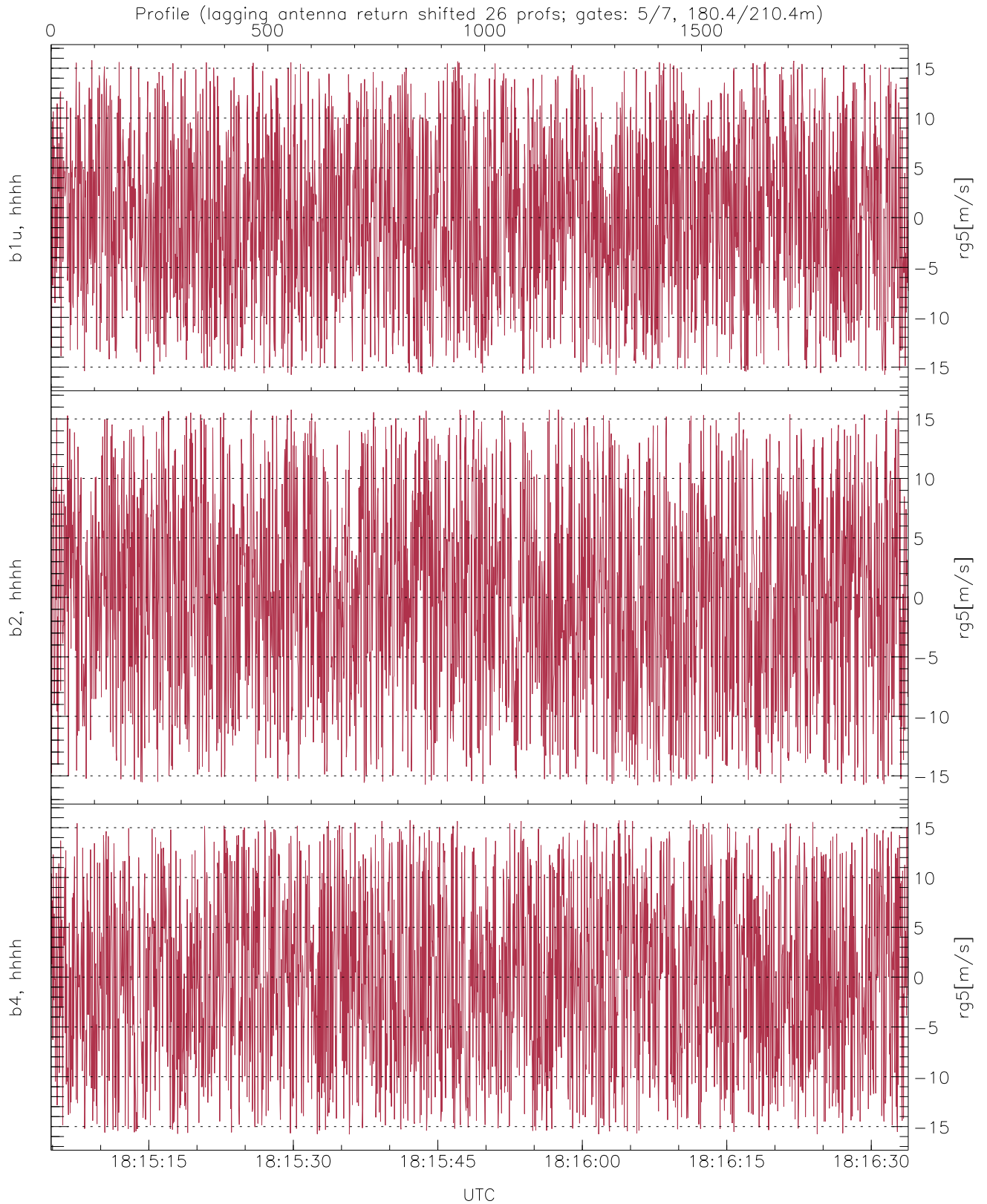
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.24	-64.34	-65.26
down(hh[dBm])	-66.01	-63.96	-65.01
down-fore(hh[dBm])	-66.04	-63.64	-64.86



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

	Min	Max	Mean
up/down (dB)	-1.65	1.19	-0.24
down/down-fore (dB)	-1.60	1.37	-0.16



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.78	15.79	0.02	8.67
b2, hhhh(rg5[m/s])	-15.78	15.78	0.03	8.63
b4, hhhh(rg5[m/s])	-15.77	15.75	-0.16	8.93