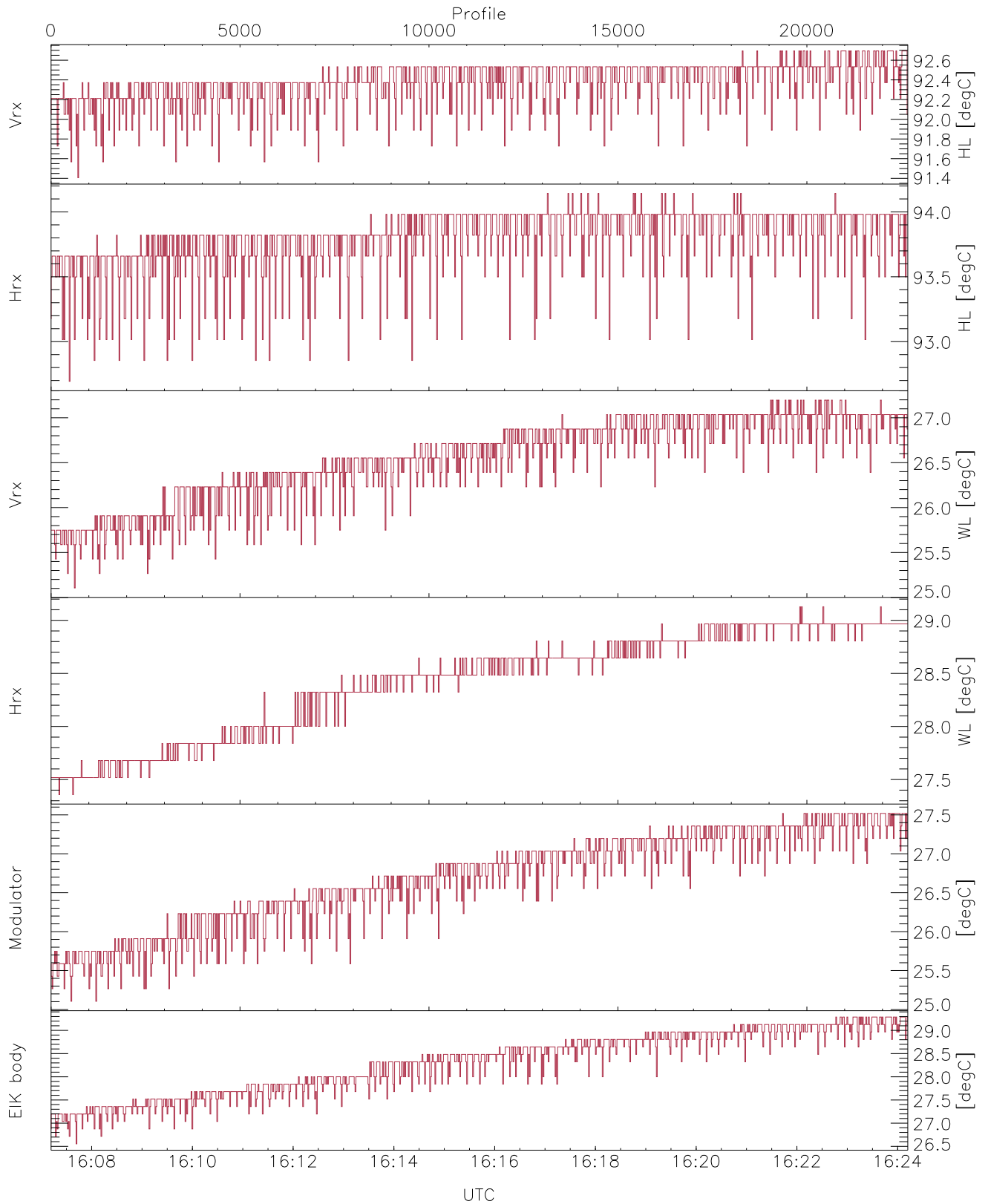


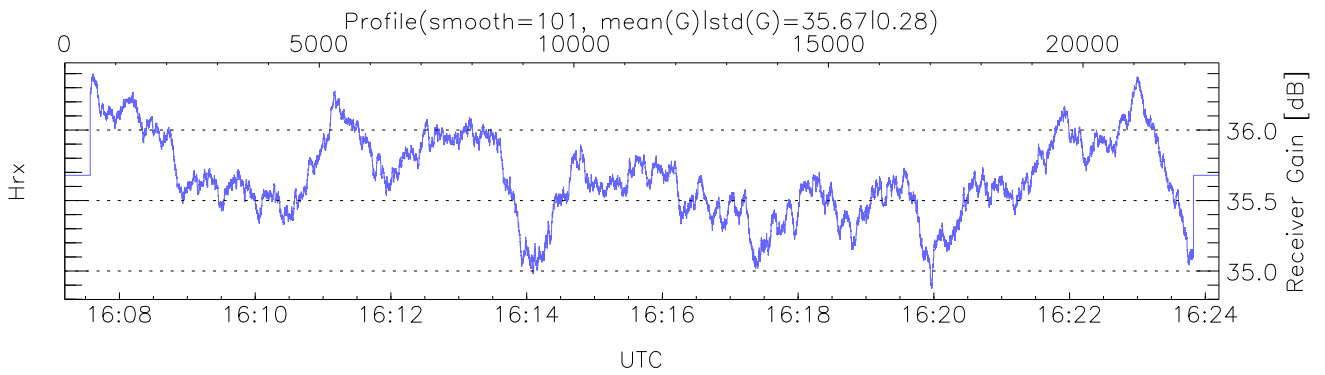
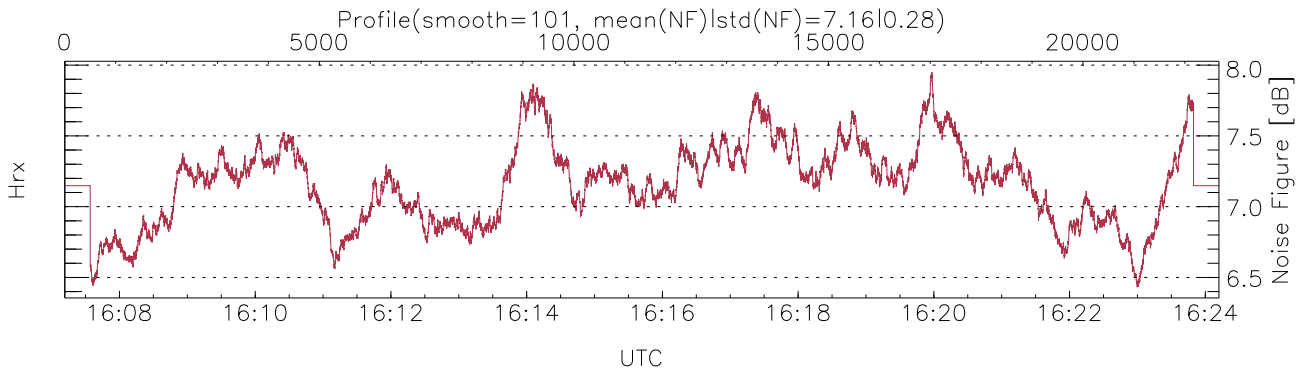
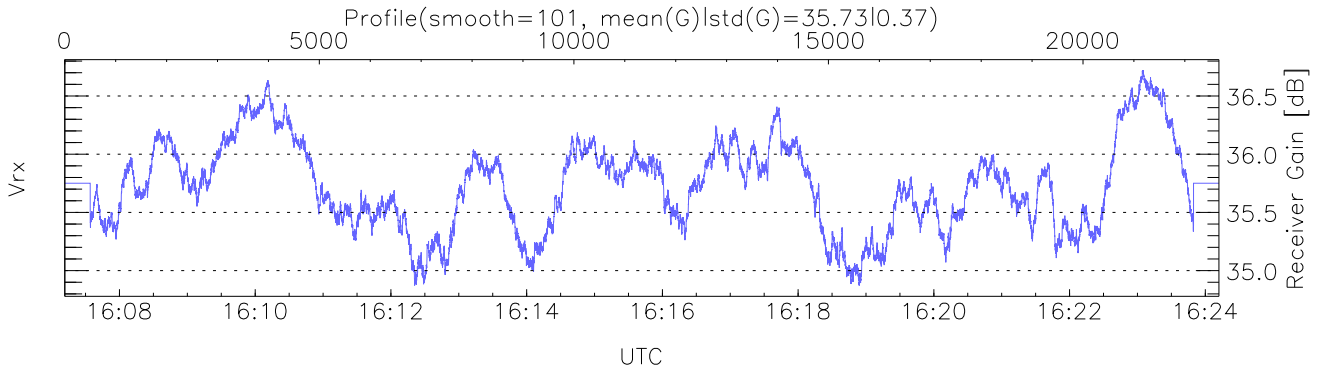
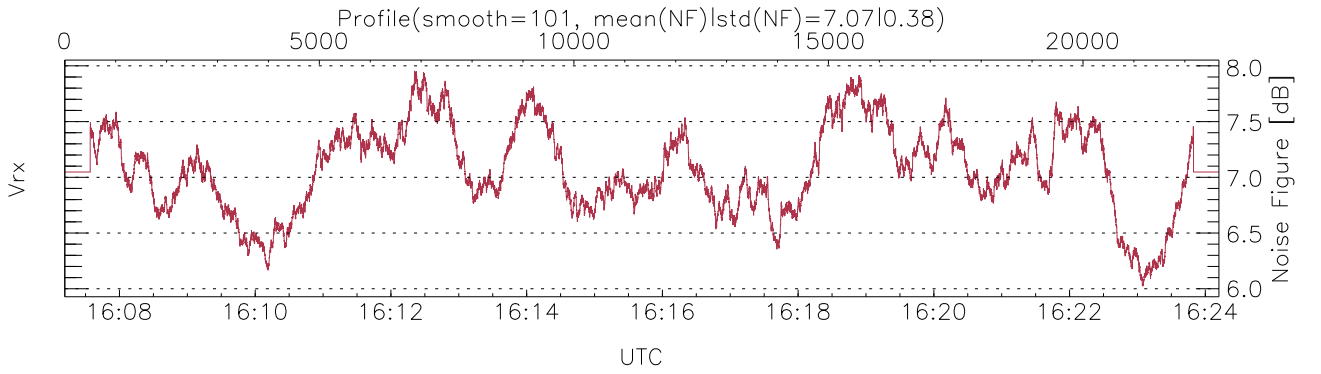
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 16:07:12-16:24:12, 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, 0-22671/16:07:12-16:24:12
 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,rqs): 105, 6288, 15.0 m, Gates: 413, Aspect: 3.7
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



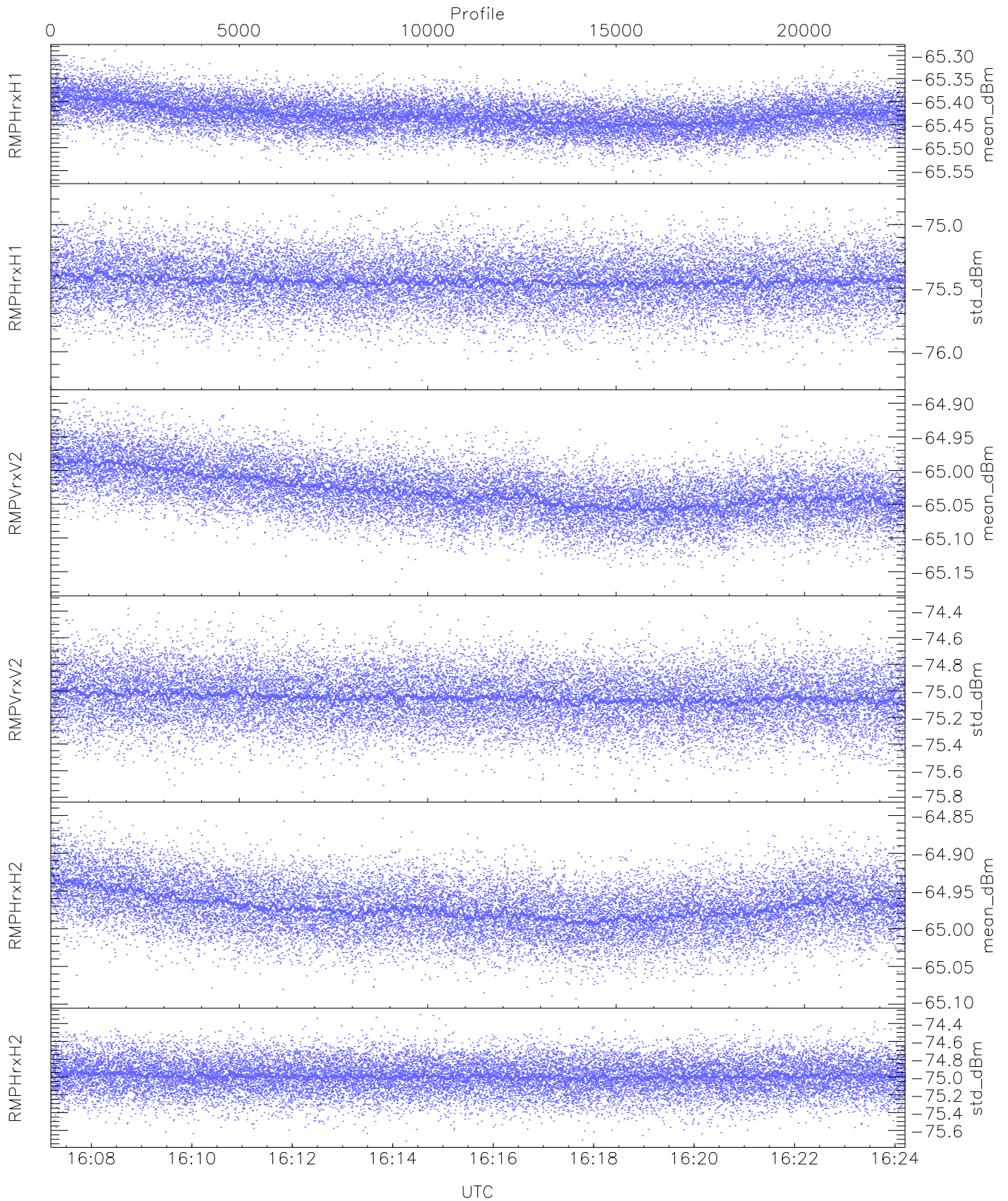
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,25,27,25,26`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,27,29,27,29`
`LOalarm(20,240,2817,14861 MHz): 0,0,24,0`
`EIK/Modulator Faults: None`



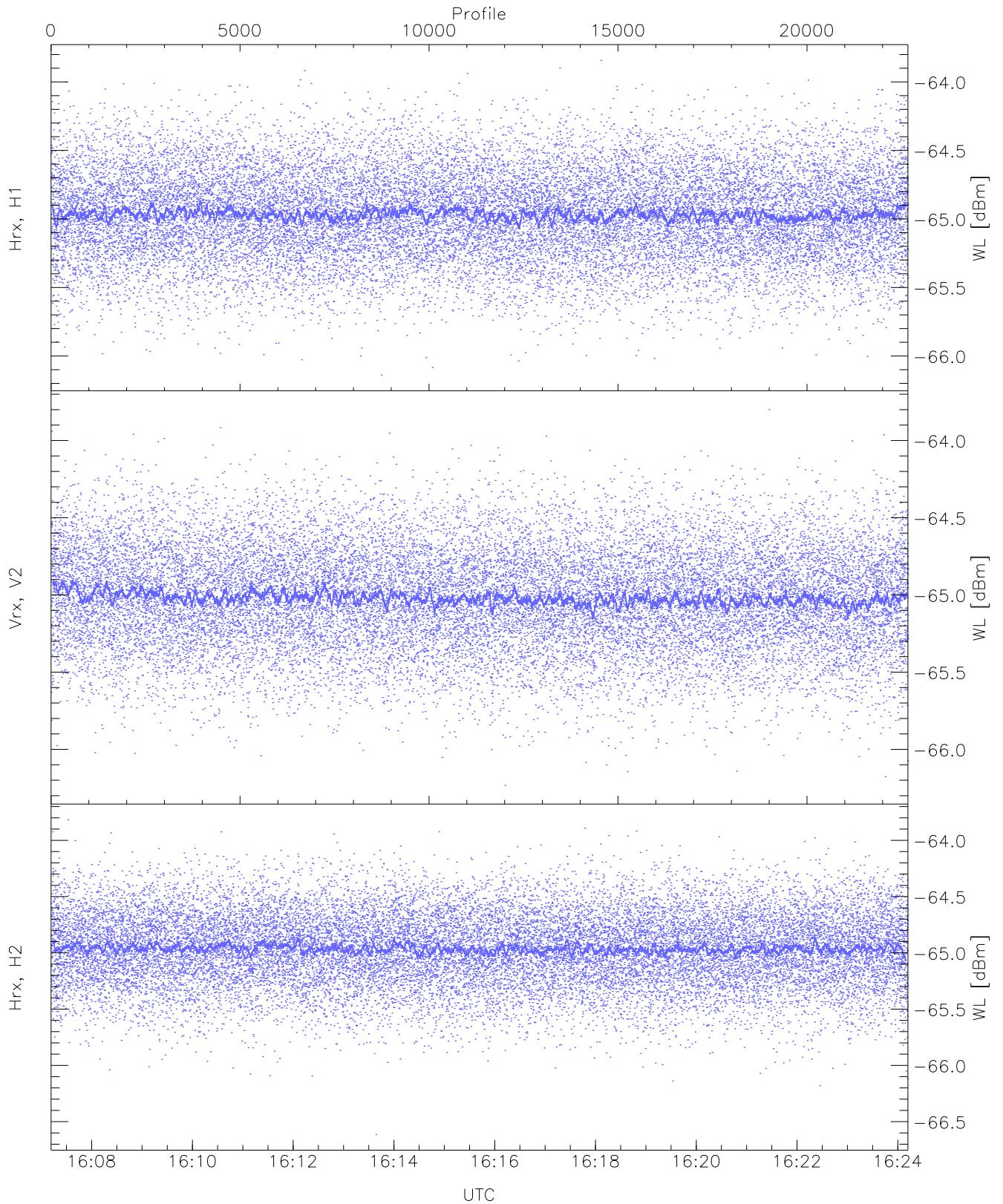
WCR3 CPP Receivers Gain and Noise Figure

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



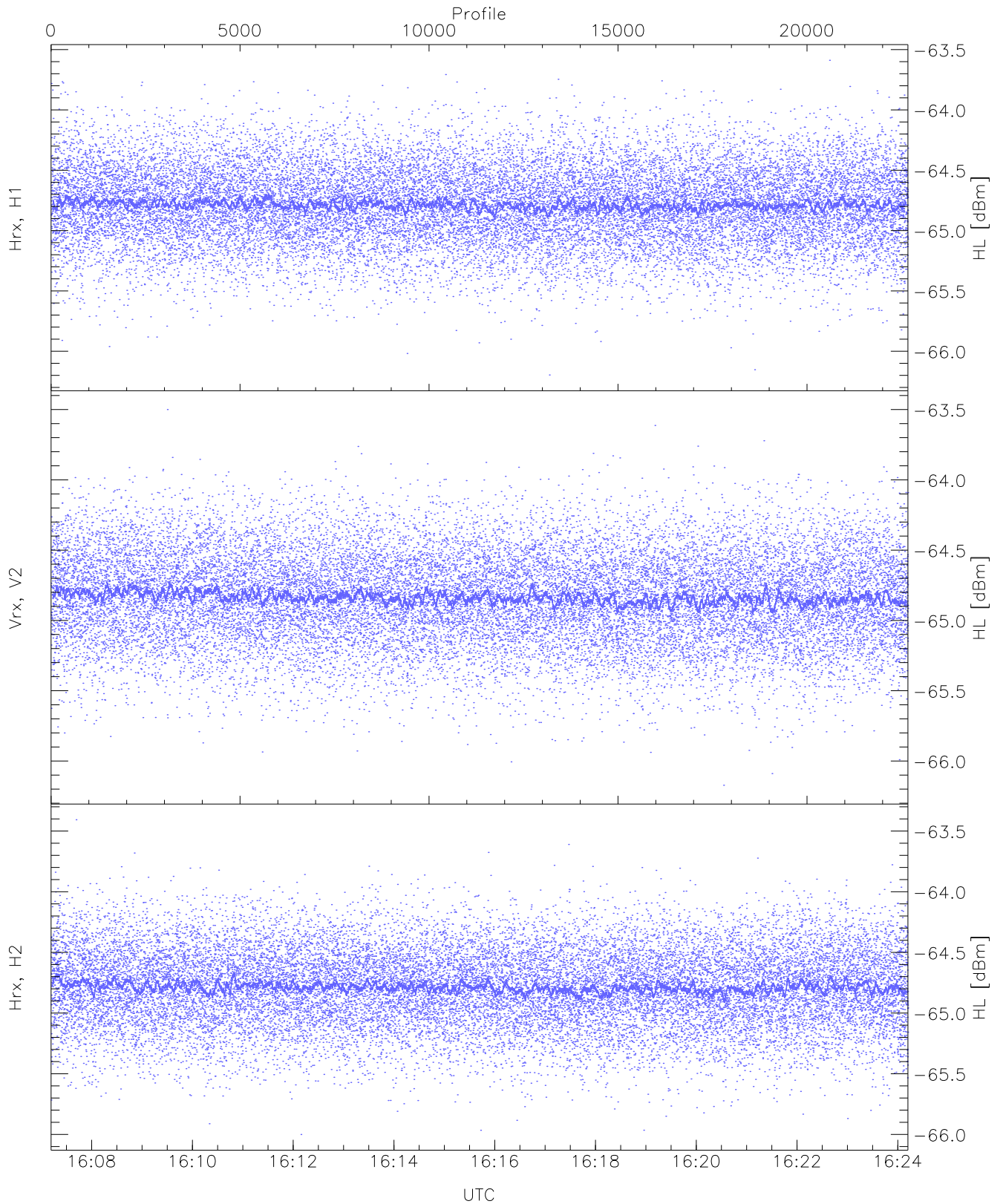
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.56	-65.29	-65.43	-65.43	-86.50
RMPHrxH1(std_dBm)	-76.23	-74.75	-75.44	-75.45	-89.21
RMPVrxV2(mean_dBm)	-65.17	-64.89	-65.03	-65.03	-85.70
RMPVrxV2(std_dBm)	-75.77	-74.36	-75.05	-75.05	-88.82
RMPHrxH2(mean_dBm)	-65.09	-64.84	-64.97	-64.97	-86.20
RMPHrxH2(std_dBm)	-75.72	-74.30	-74.99	-74.99	-88.78



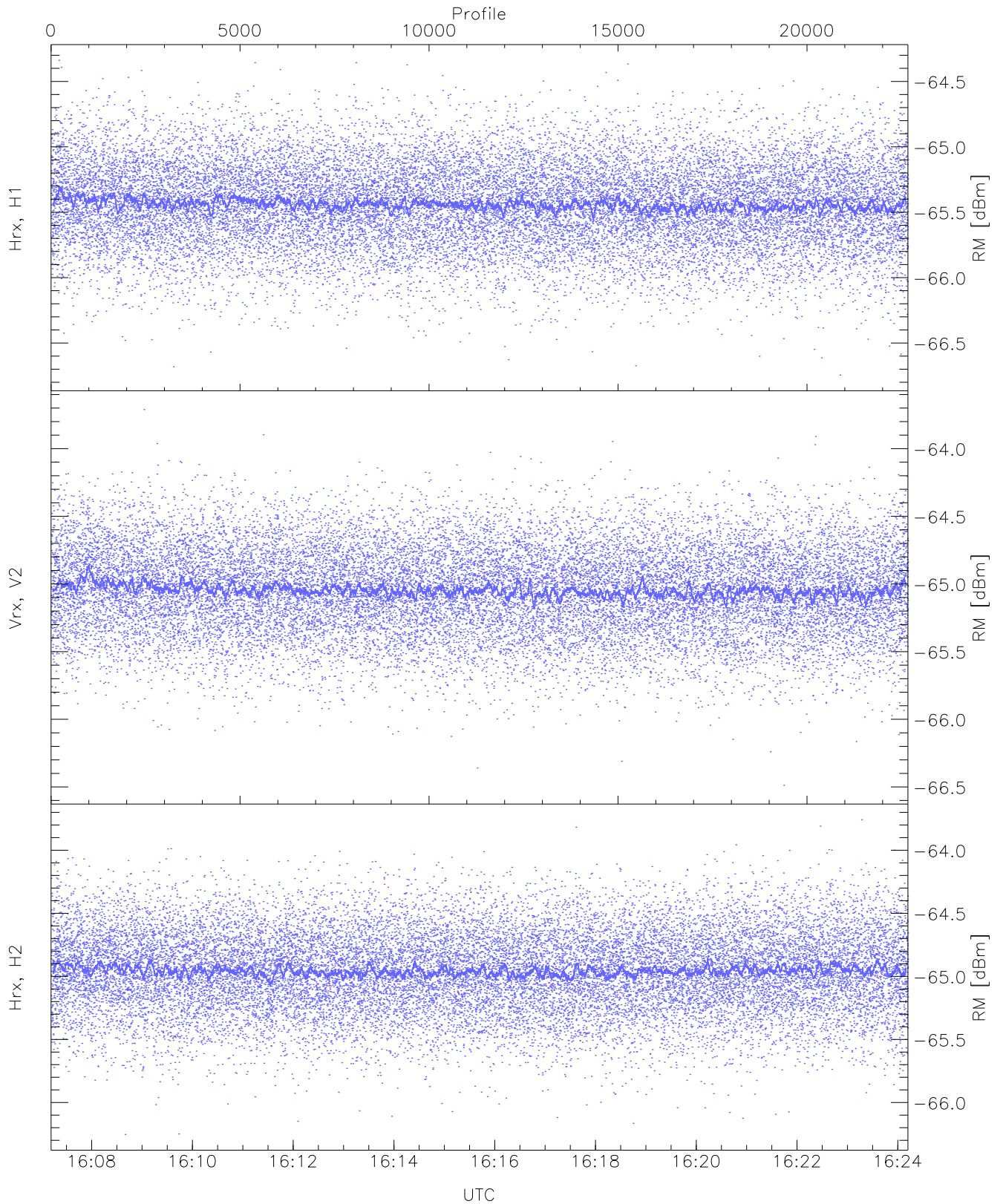
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-66.14	-63.84	-64.96	-64.97	-76.45
Vrx, V2 (WL [dBm])	-66.23	-63.80	-65.01	-65.02	-76.50
Hrx, H2 (WL [dBm])	-66.61	-63.82	-64.96	-64.96	-76.46



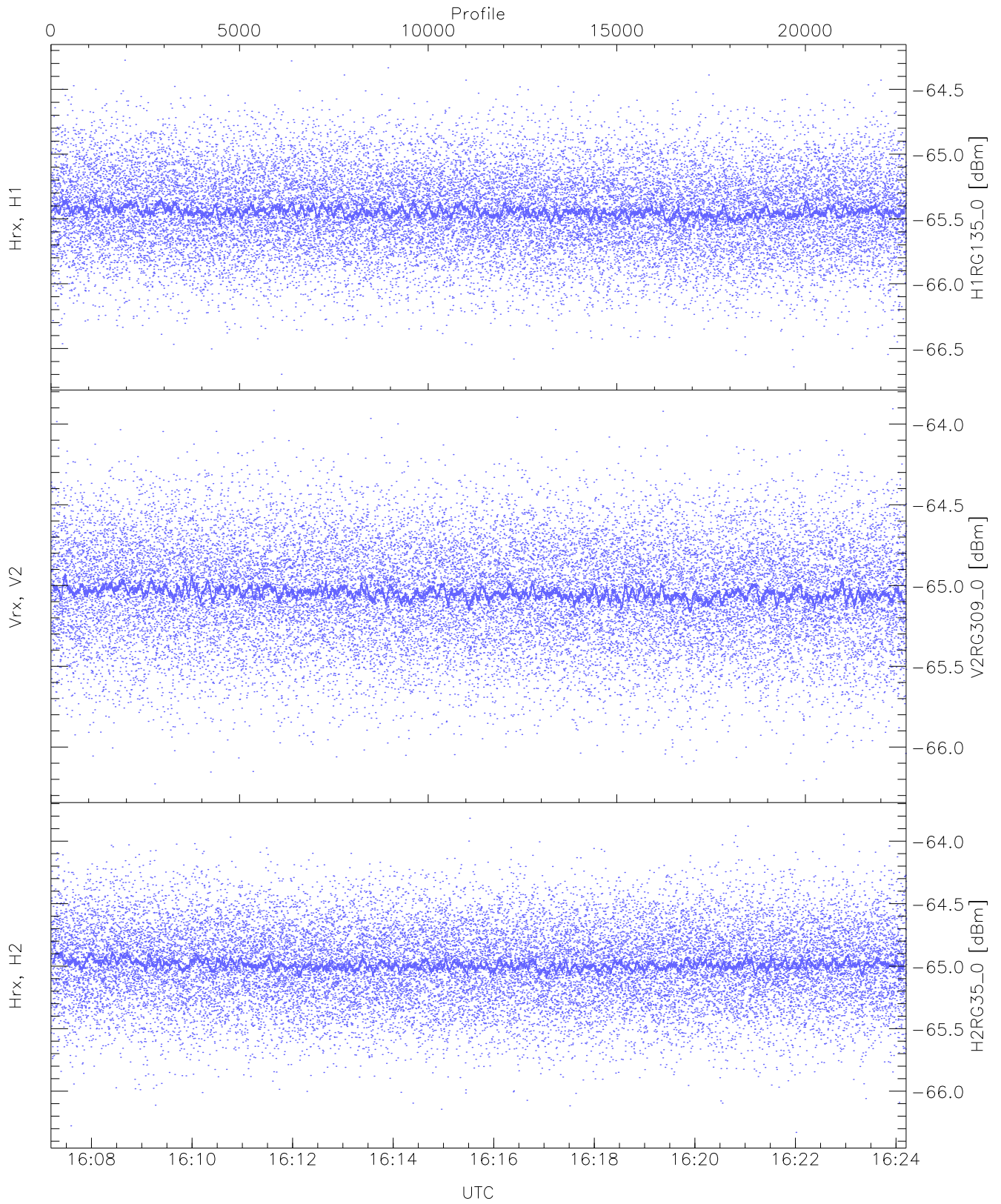
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.20	-63.59	-64.78	-64.79	-76.30
Vrx, V2 (HL [dBm])	-66.17	-63.50	-64.83	-64.84	-76.33
Hrx, H2 (HL [dBm])	-66.00	-63.41	-64.78	-64.79	-76.31



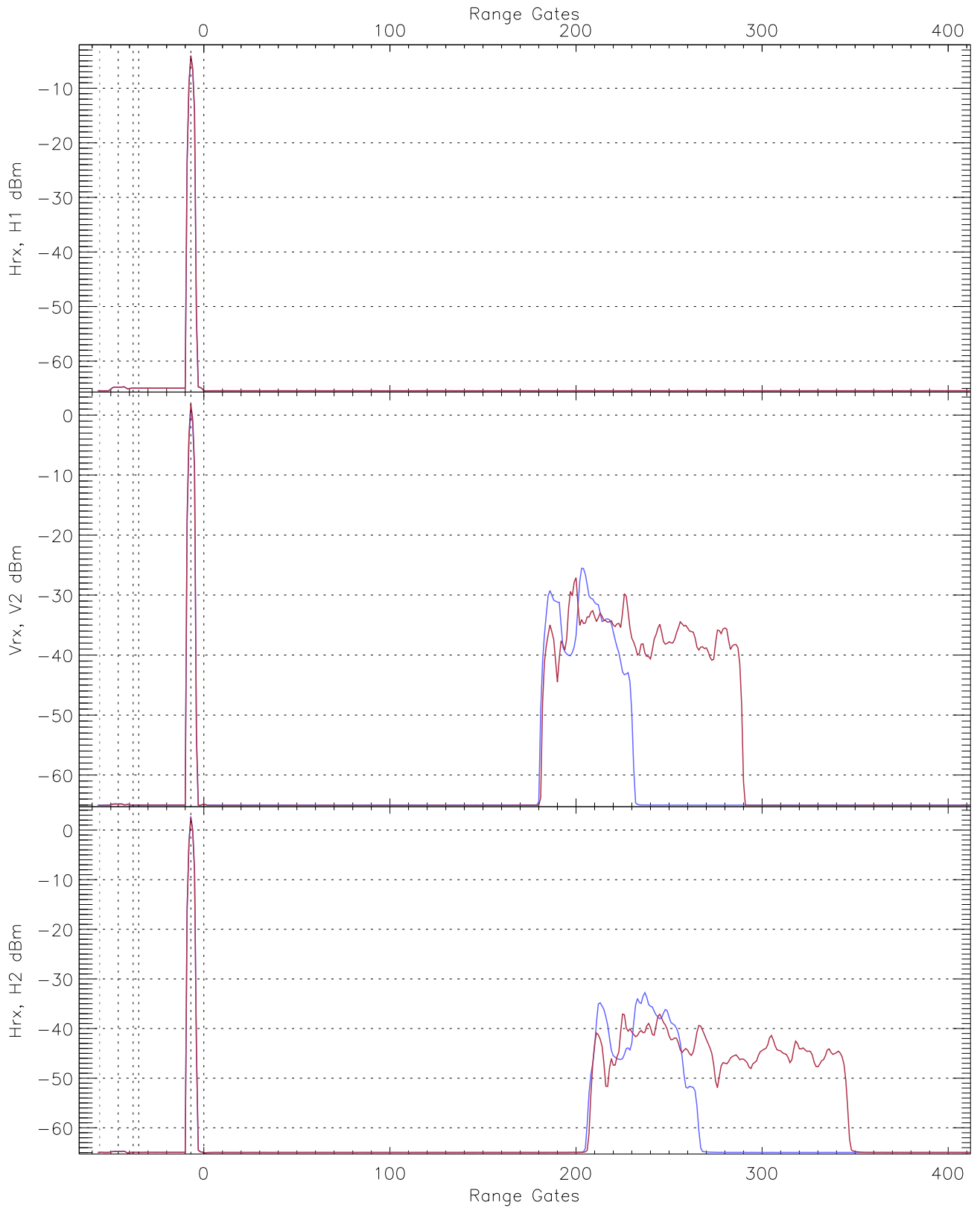
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.74	-64.34	-65.43	-65.44	-76.94
Vrx, V2 (RM [dBm])	-66.49	-63.71	-65.04	-65.05	-76.56
Hrx, H2 (RM [dBm])	-66.25	-63.76	-64.95	-64.96	-76.46

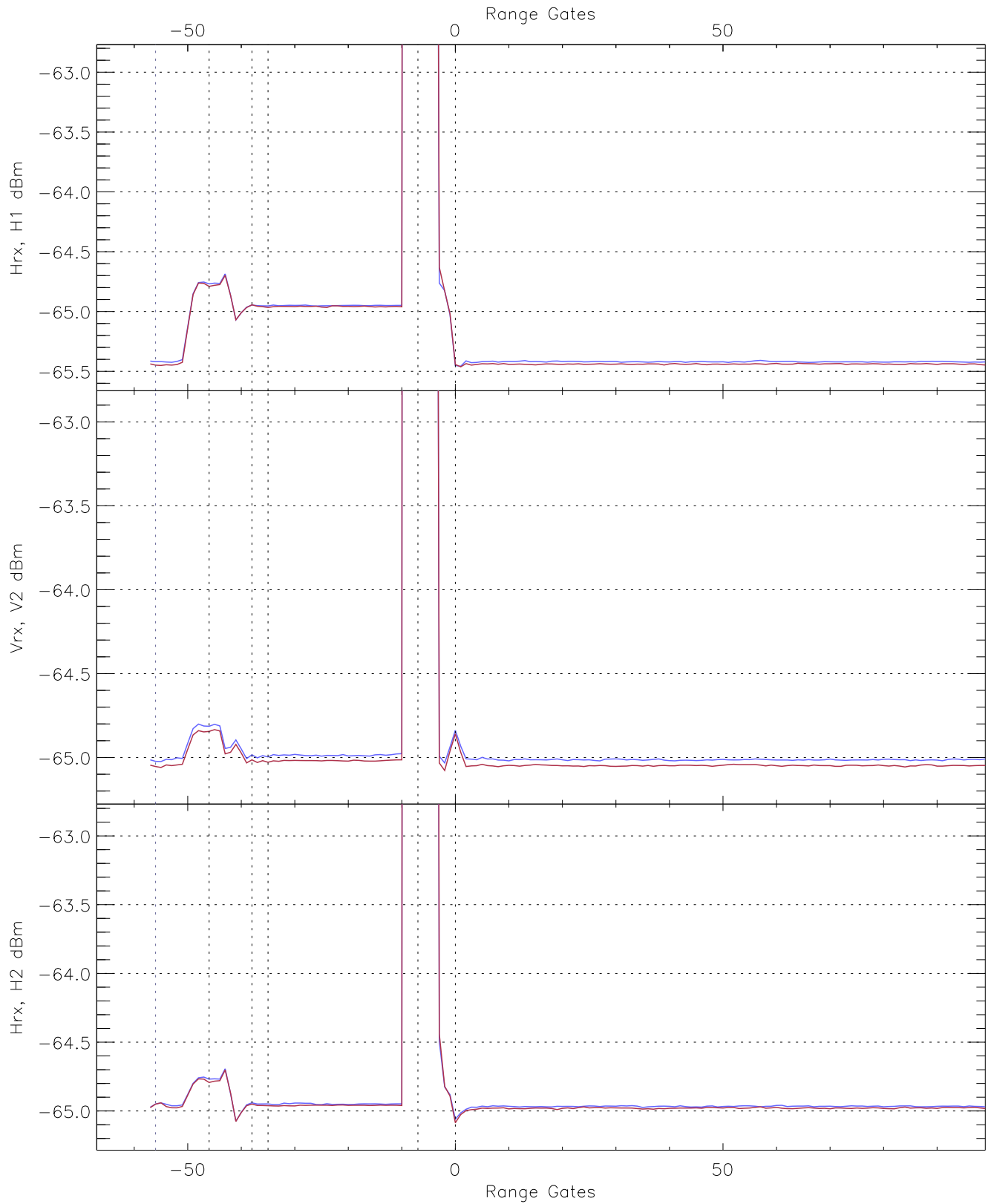


WCR3 CPP "Best" estimate Receivers Noise Power

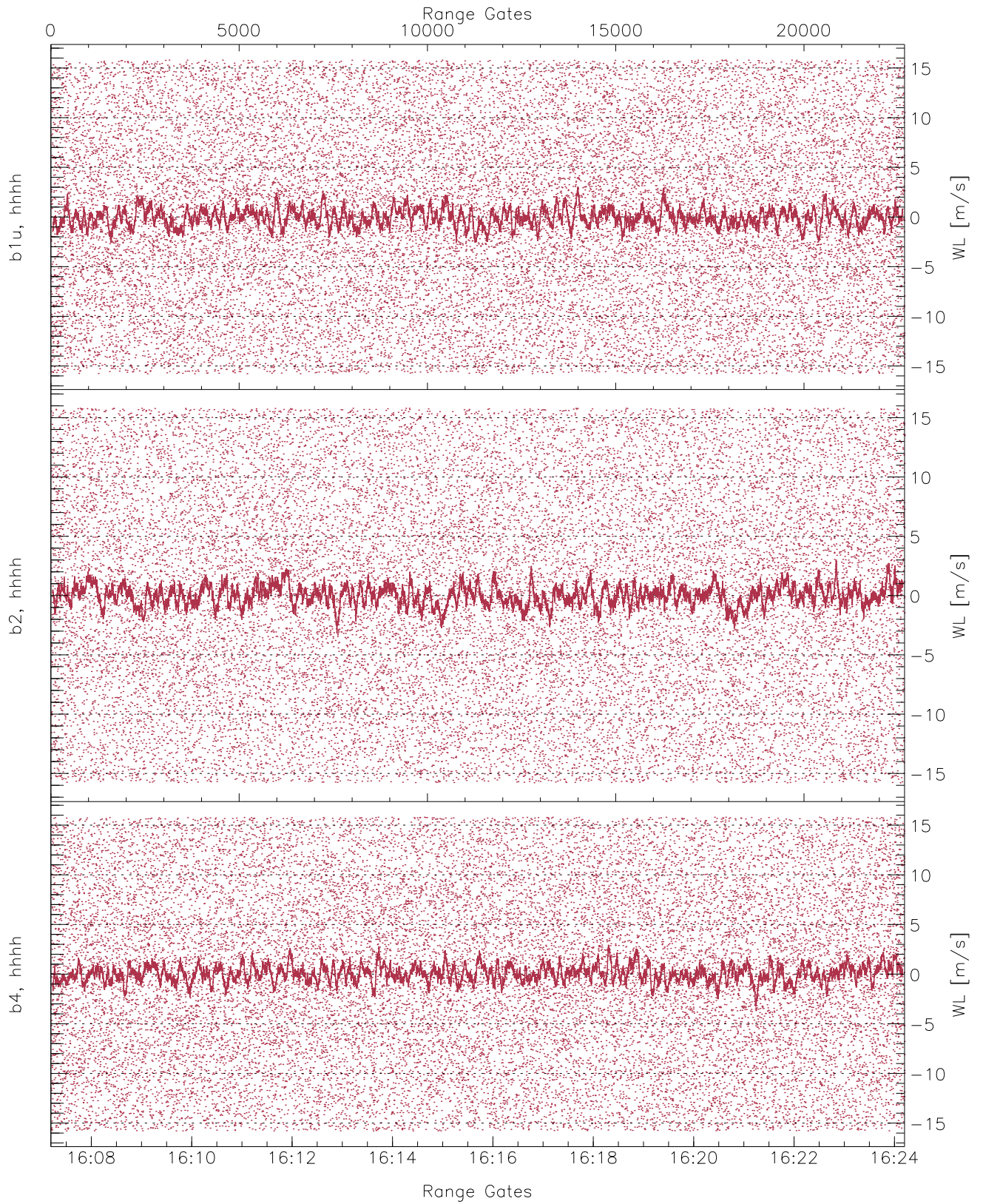
	Min	Max	Mean	Median	StDev
H1RG135_0 [dBm]	-66.70	-64.28	-65.43	-65.44	-76.93
V2RG309_0 [dBm]	-66.23	-63.91	-65.04	-65.05	-76.56
H2RG35_0 [dBm]	-66.33	-63.82	-64.98	-64.99	-76.47



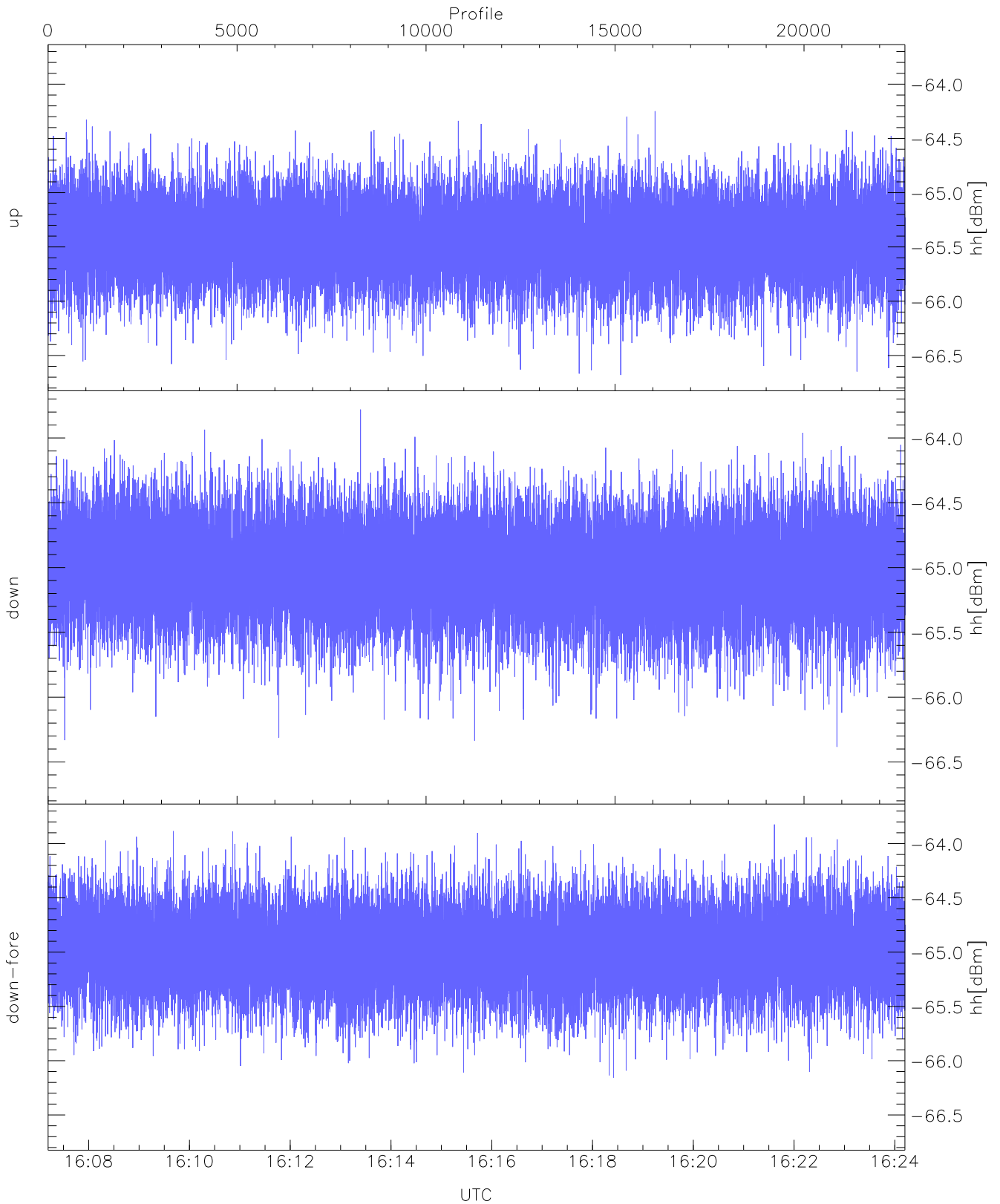
WCR3 CPP Averaged Received power for all recorded gates
blue: 160712-161542, 11337 profiles averaged
red: 161542-162412, 11336 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 160712-161542, 11337 profiles averaged
red: 161542-162412, 11336 profiles averaged

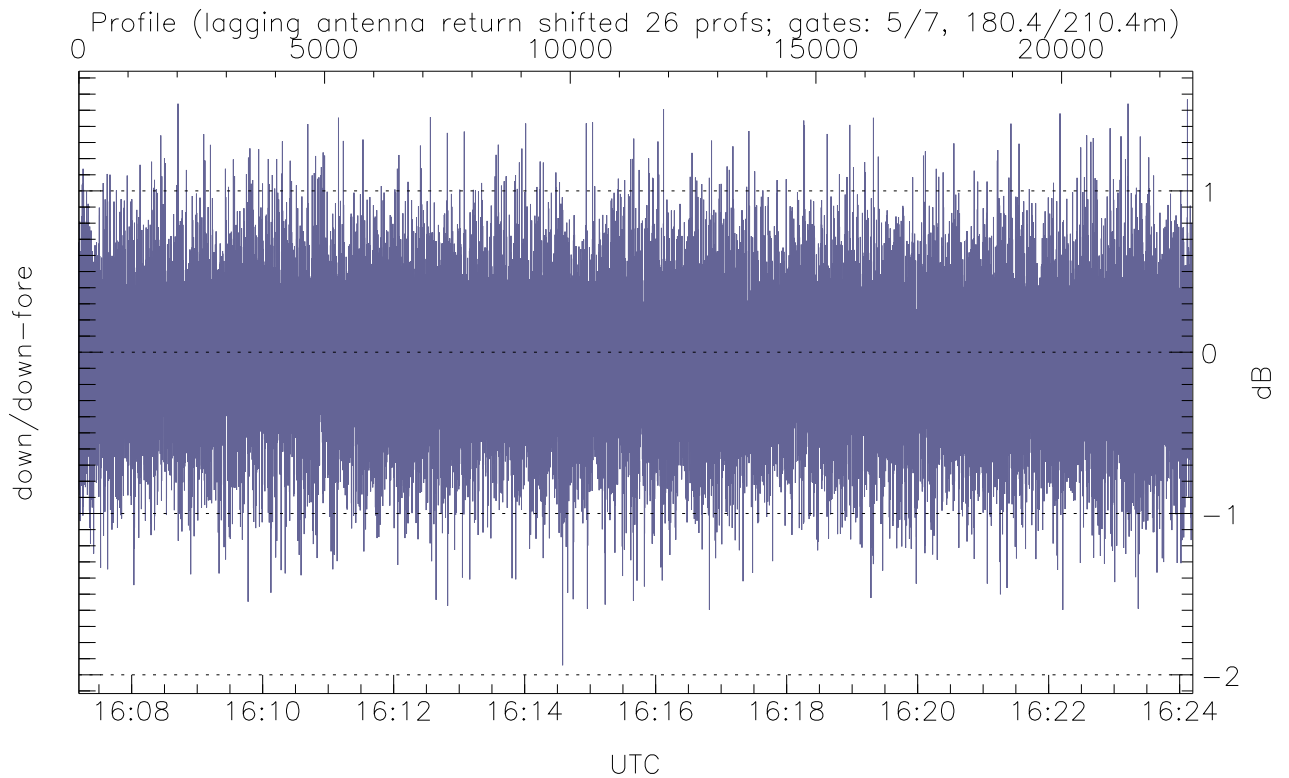
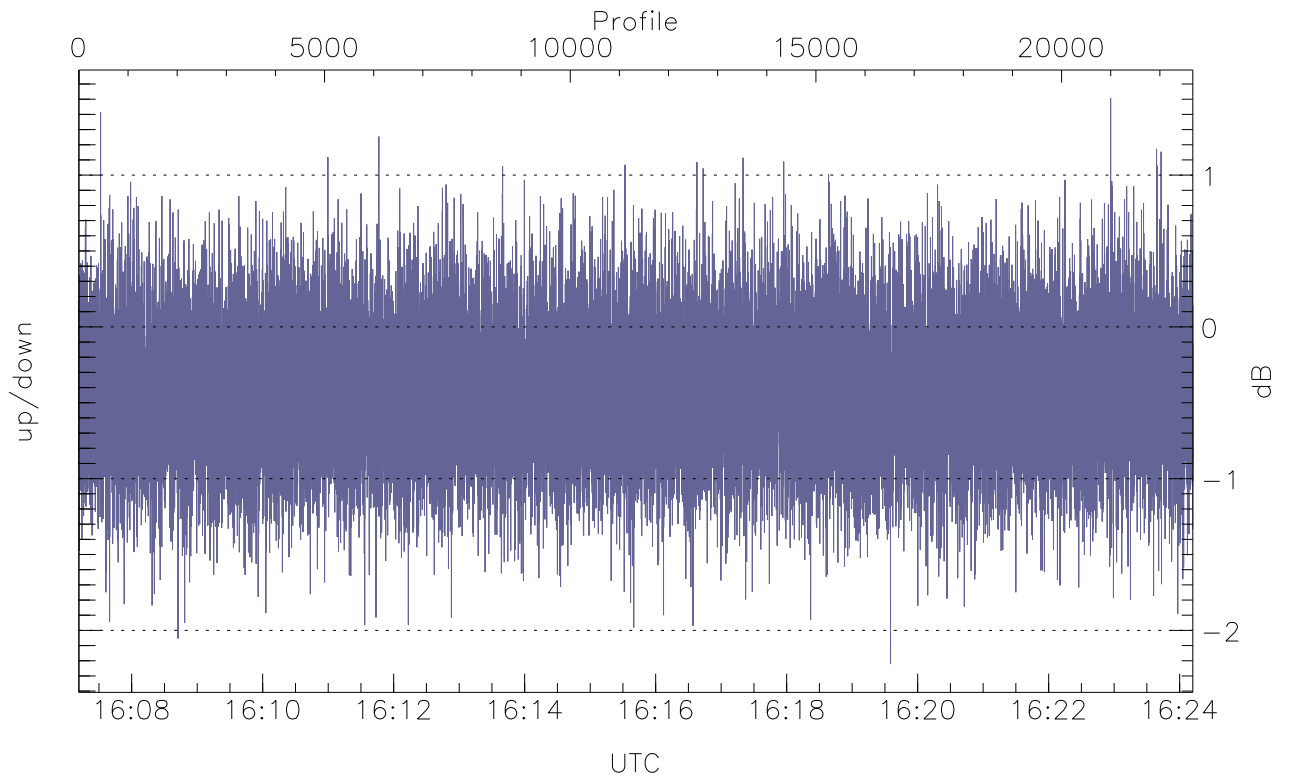


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



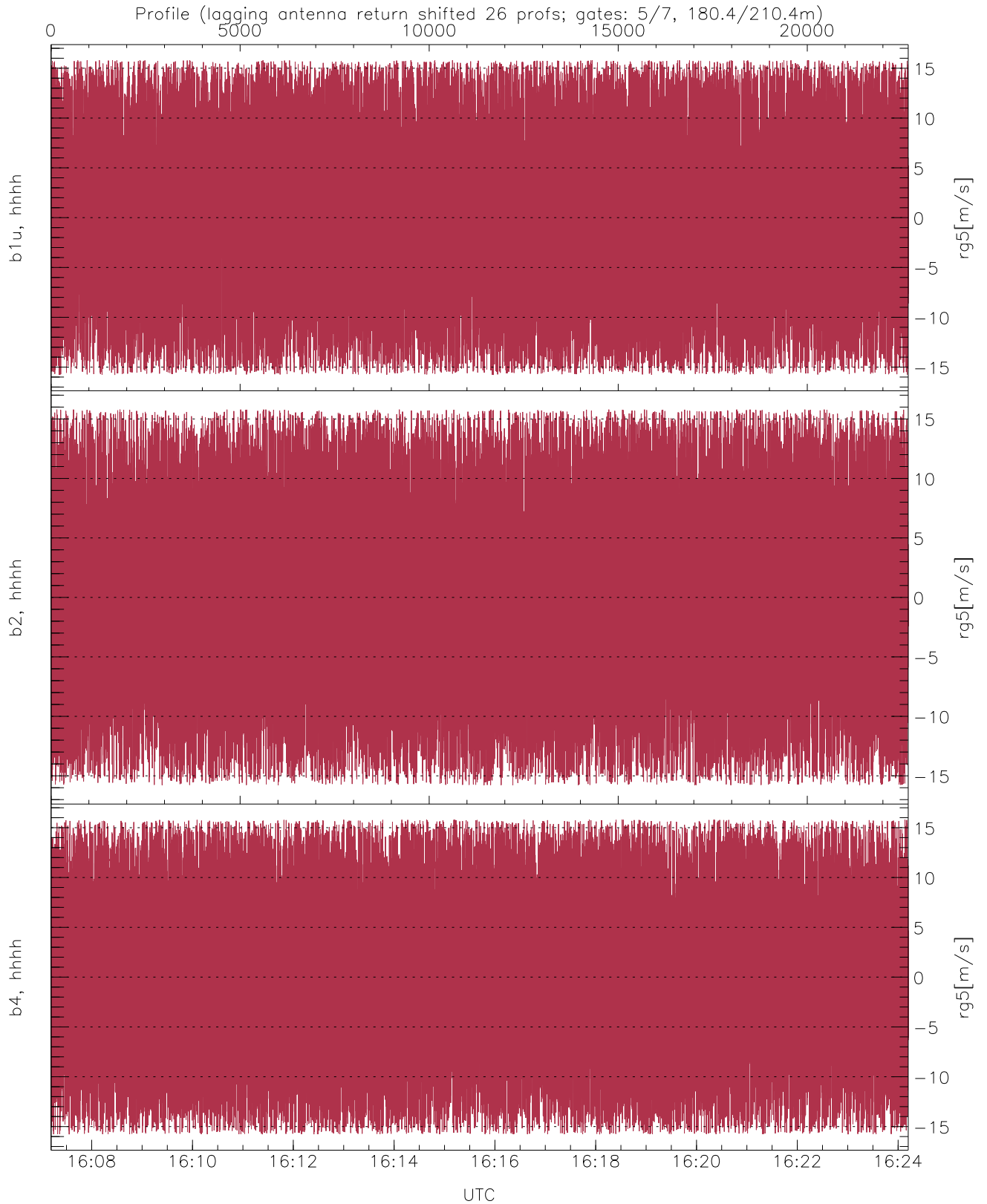
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-66.68	-64.25	-65.43
down(hh[dBm])	-66.38	-63.78	-65.02
down-fore(hh[dBm])	-66.16	-63.82	-64.97



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

	Min	Max	Mean
up/down (dB)	-2.22	1.51	-0.41
down/down-fore (dB)	-1.94	1.57	-0.05



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.79	15.79	0.14	8.72
b2, hhhh(rg5[m/s])	-15.79	15.79	0.03	8.47
b4, hhhh(rg5[m/s])	-15.78	15.79	0.02	8.76