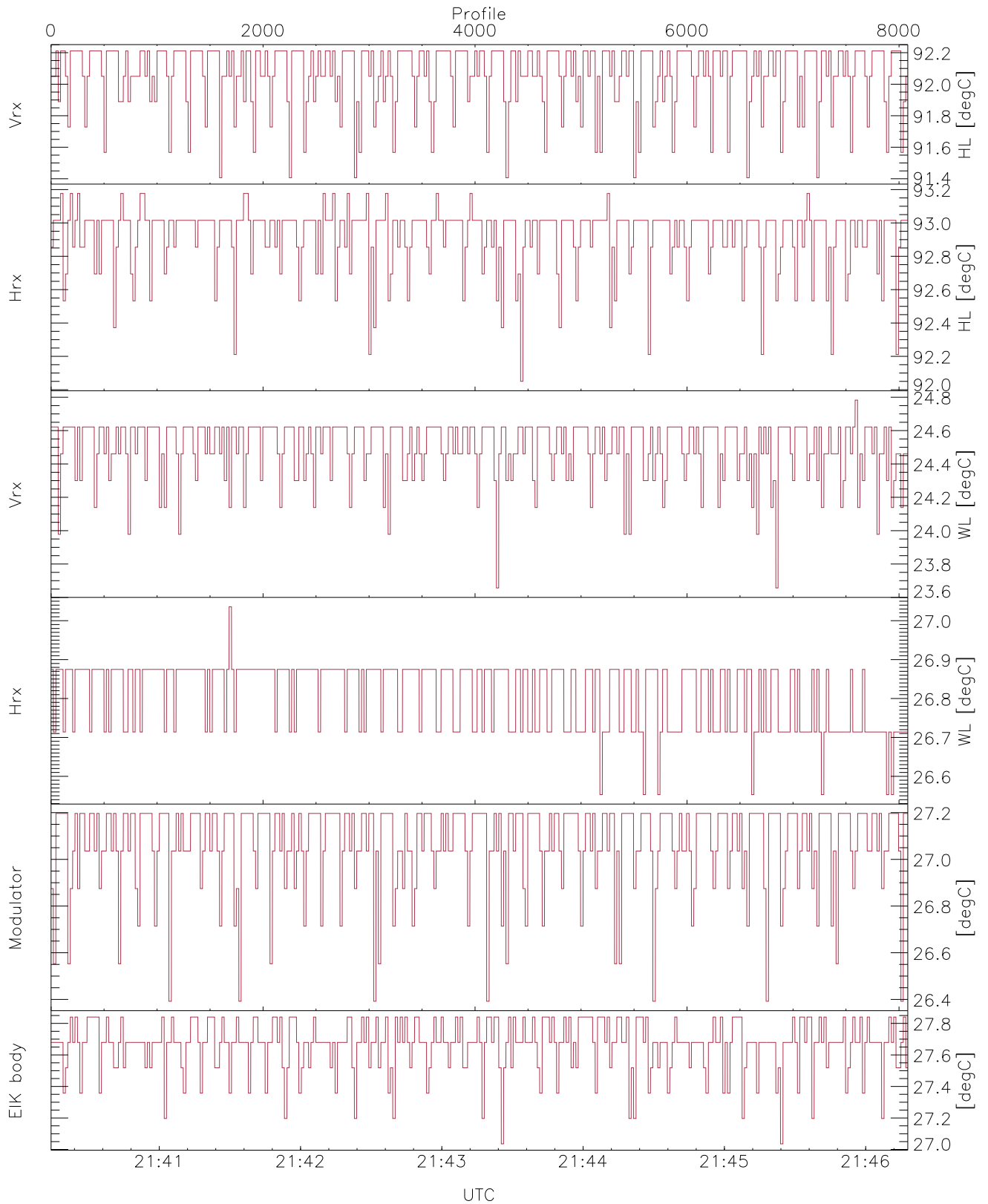


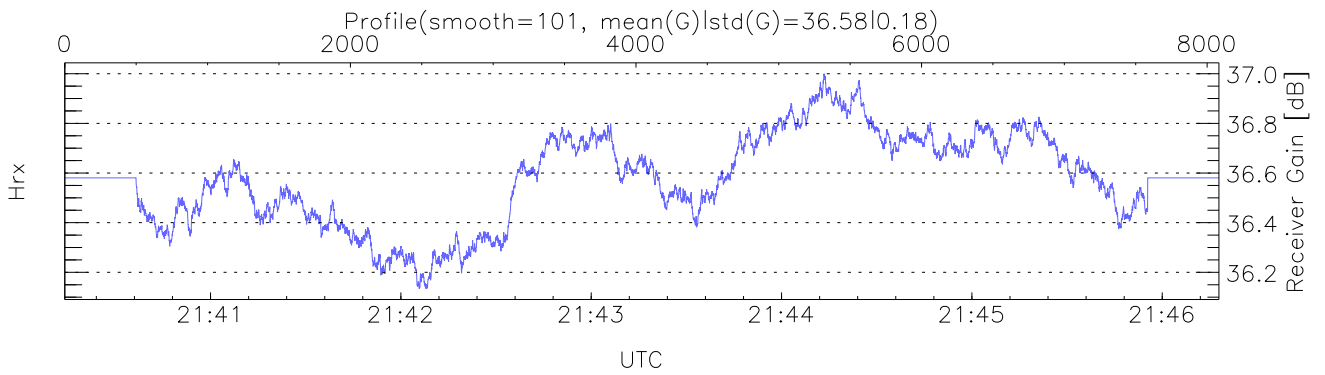
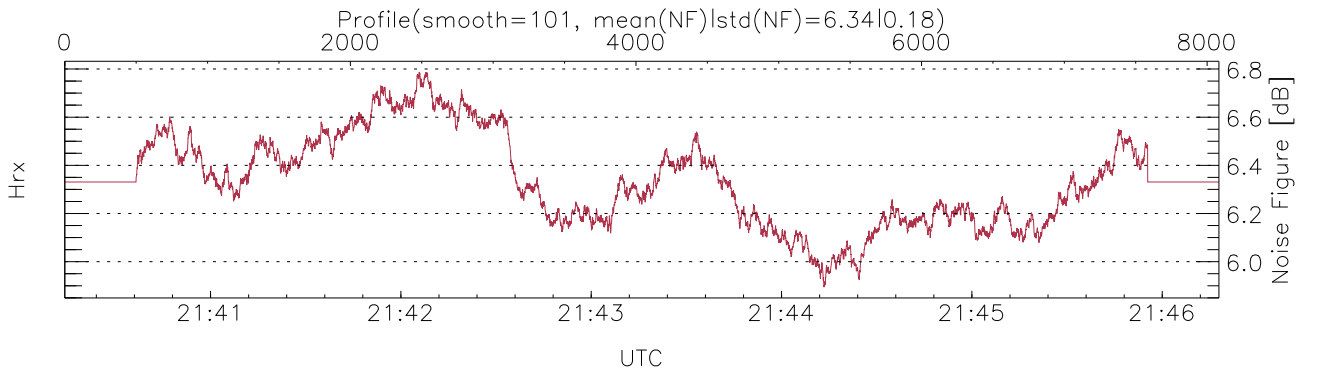
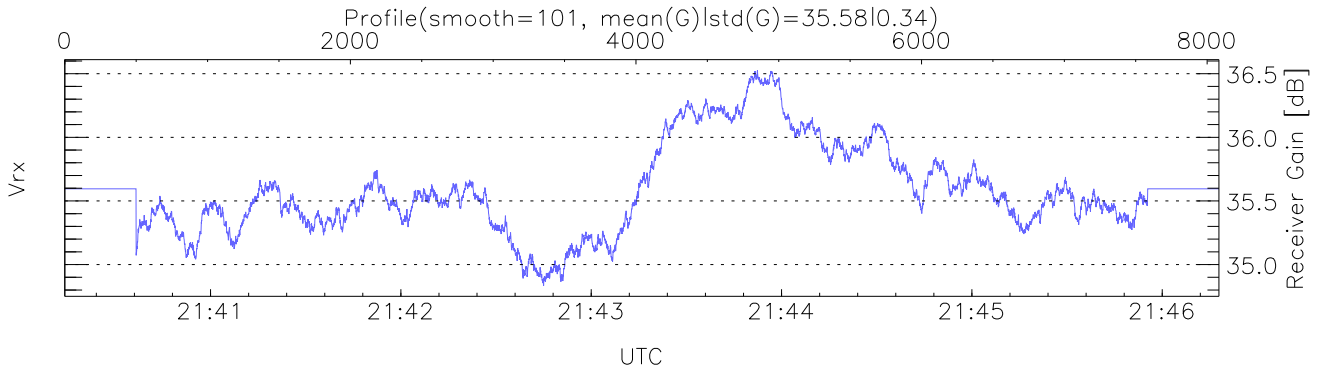
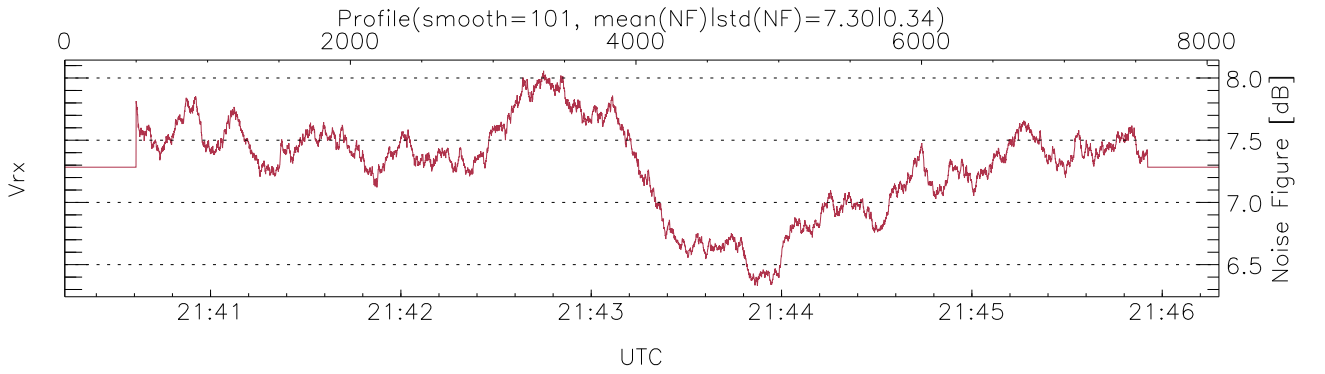
WCR3 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:40:14-21:46:18, TimeCor: 0.00s, Dur: 363.83s
 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): 8084/8084, 0-8083/21:40:14-21:46:18
 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



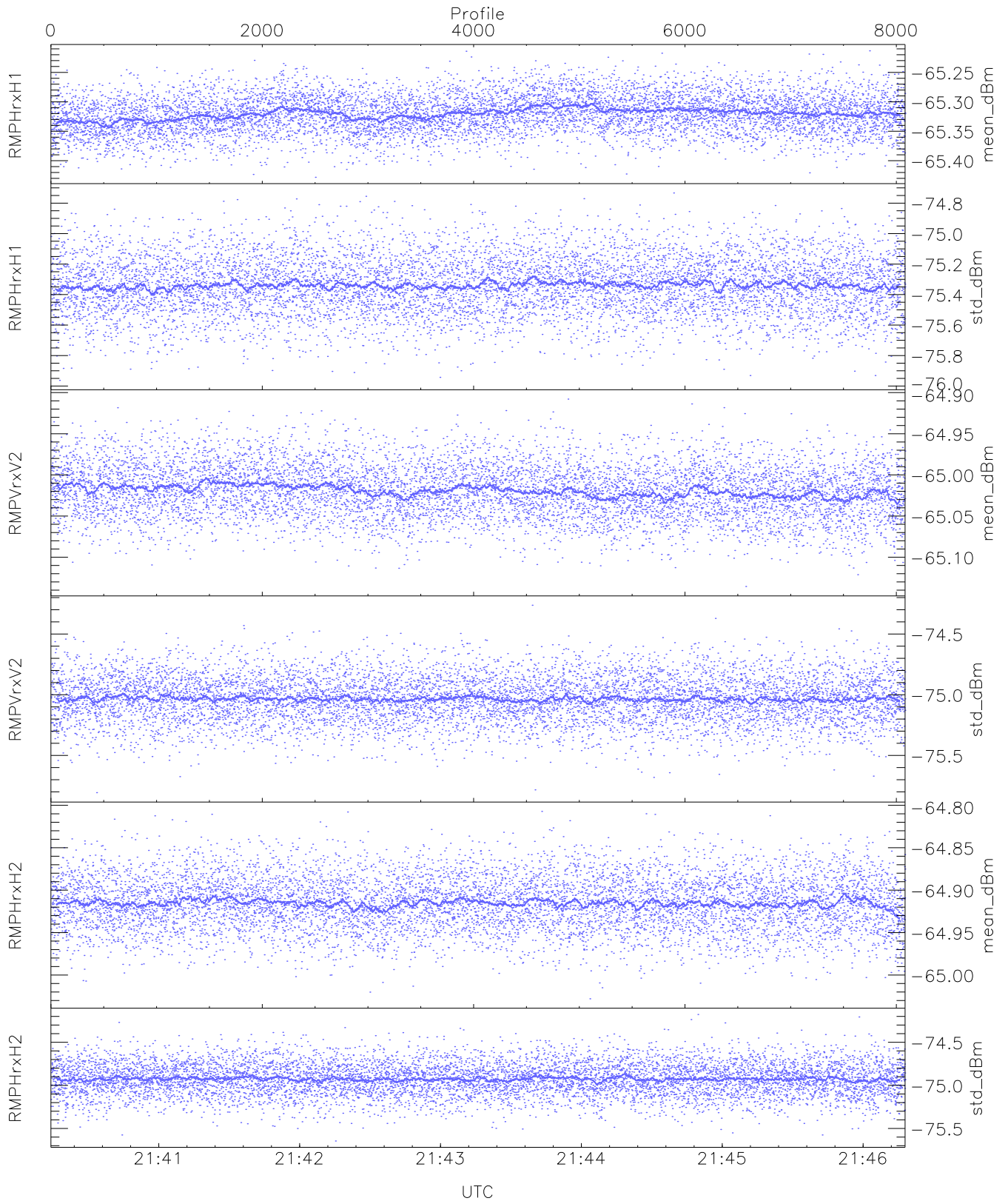
WCR3 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,23,26,26,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,24,27,27,27
LOalarm(20,240,2817,14861 MHz): 0,0,46,0
EIK/Modulator Faults: None



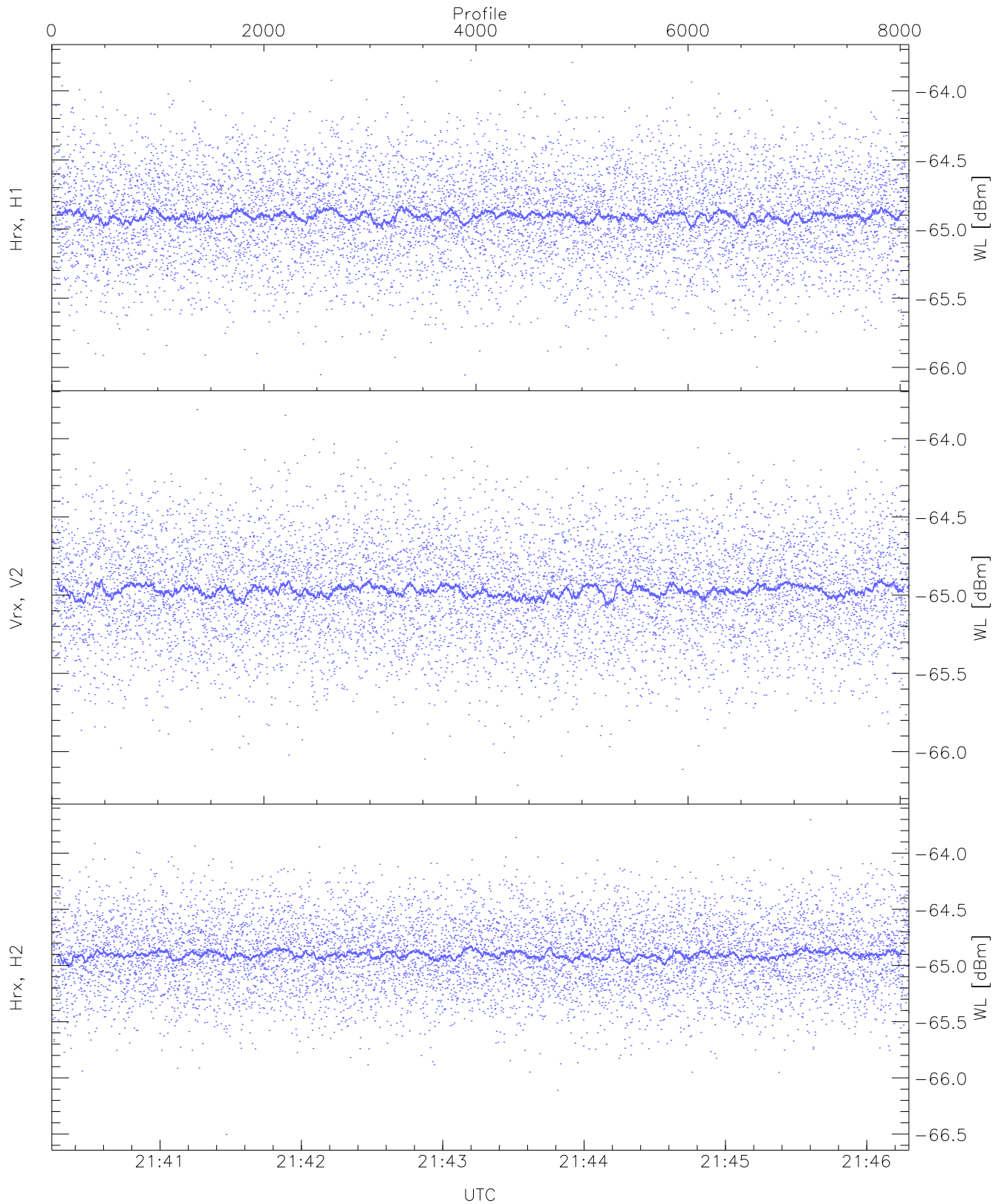
WCR3 CPP Receivers Gain and Noise Figure

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



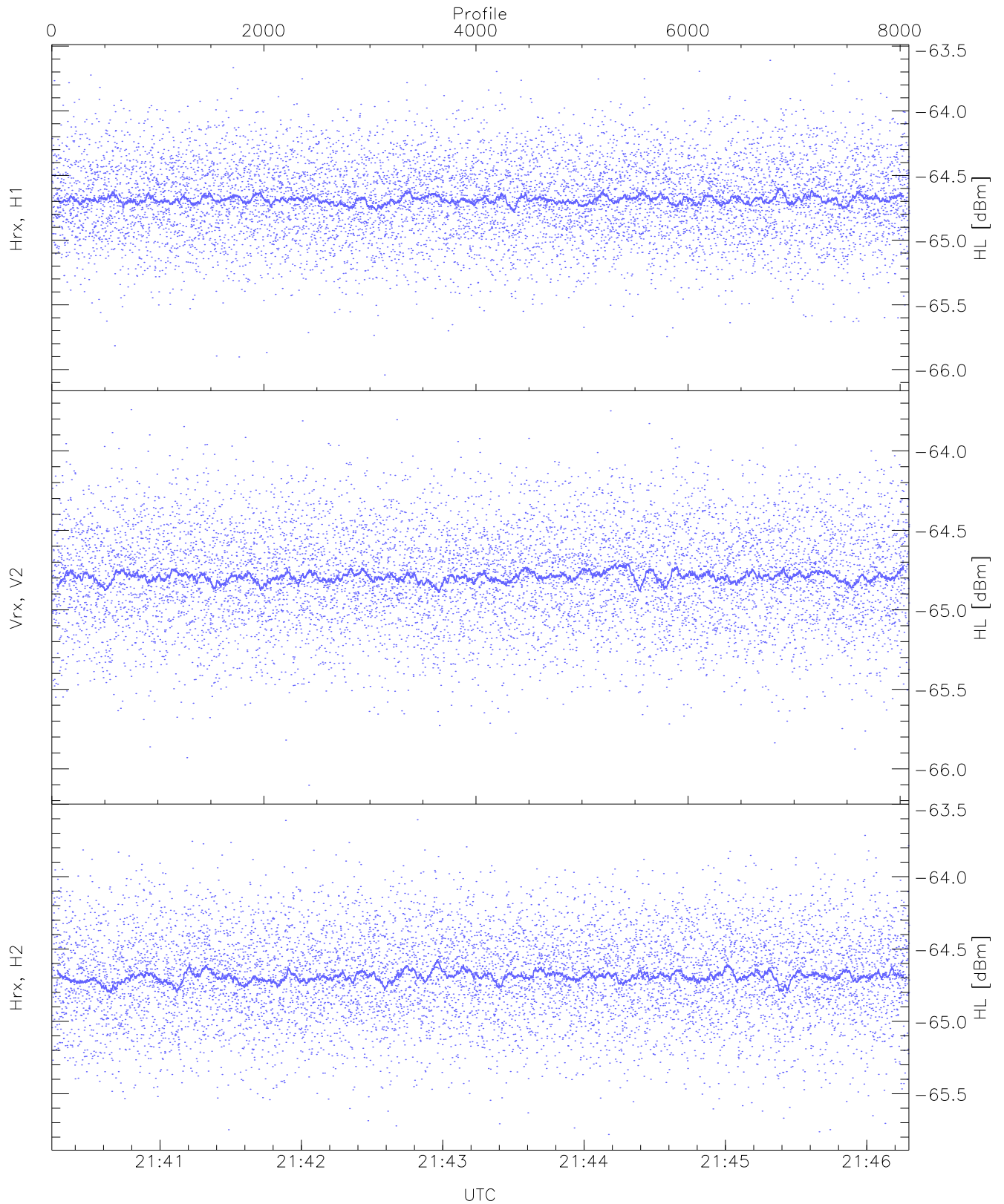
WCR3 CPP RM pulses(Tx is OFF) received power: Mean, StDev(all gates)

	Min	Max	Mean	Median	StDev
RMPHrxH1(mean_dBm)	-65.43	-65.21	-65.32	-65.32	-86.82
RMPHrxH1(std_dBm)	-75.96	-74.73	-75.34	-75.34	-89.13
RMPVrxV2(mean_dBm)	-65.14	-64.91	-65.02	-65.02	-86.53
RMPVrxV2(std_dBm)	-75.81	-74.26	-75.03	-75.03	-88.81
RMPHrxH2(mean_dBm)	-65.03	-64.81	-64.92	-64.92	-86.50
RMPHrxH2(std_dBm)	-75.65	-74.18	-74.92	-74.93	-88.72



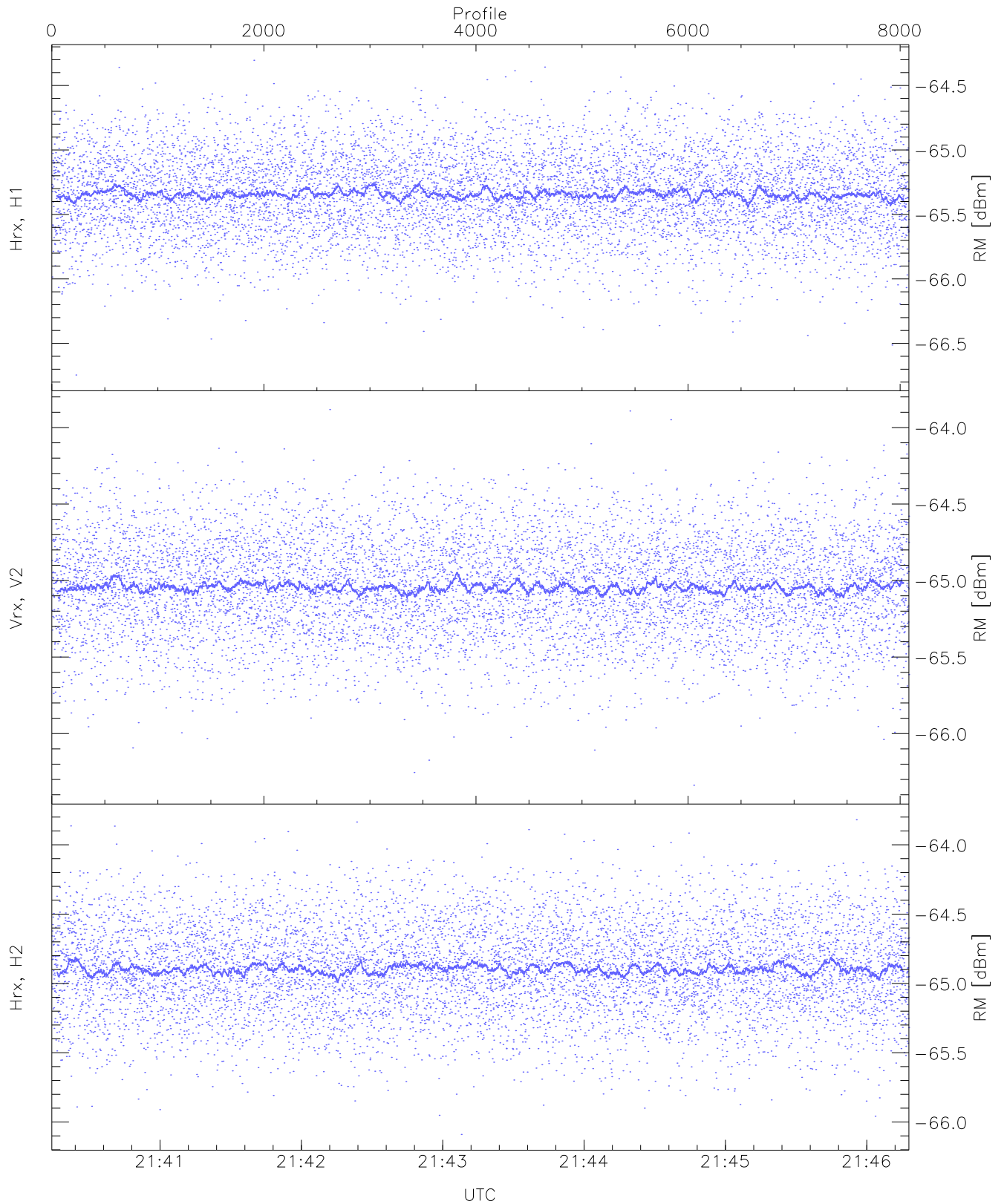
WCR3 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-66.06	-63.78	-64.90	-64.91	-76.36
Vrx, V2(WL [dBm])	-66.21	-63.81	-64.96	-64.97	-76.45
Hrx, H2(WL [dBm])	-66.50	-63.70	-64.90	-64.90	-76.39



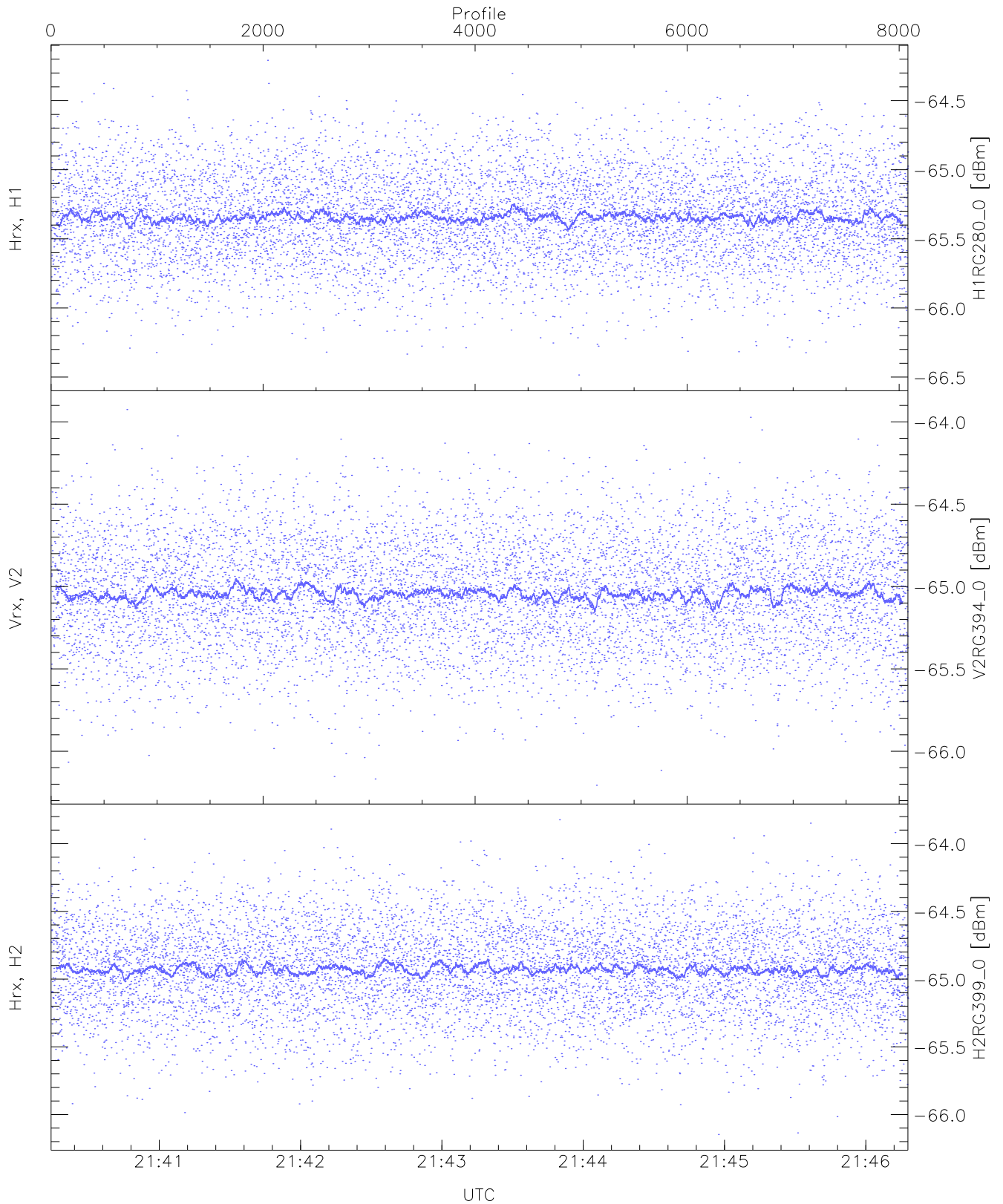
WCR3 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-66.04	-63.61	-64.68	-64.69	-76.23
Vrx, V2 (HL [dBm])	-66.10	-63.74	-64.78	-64.79	-76.34
Hrx, H2 (HL [dBm])	-65.78	-63.61	-64.68	-64.69	-76.21



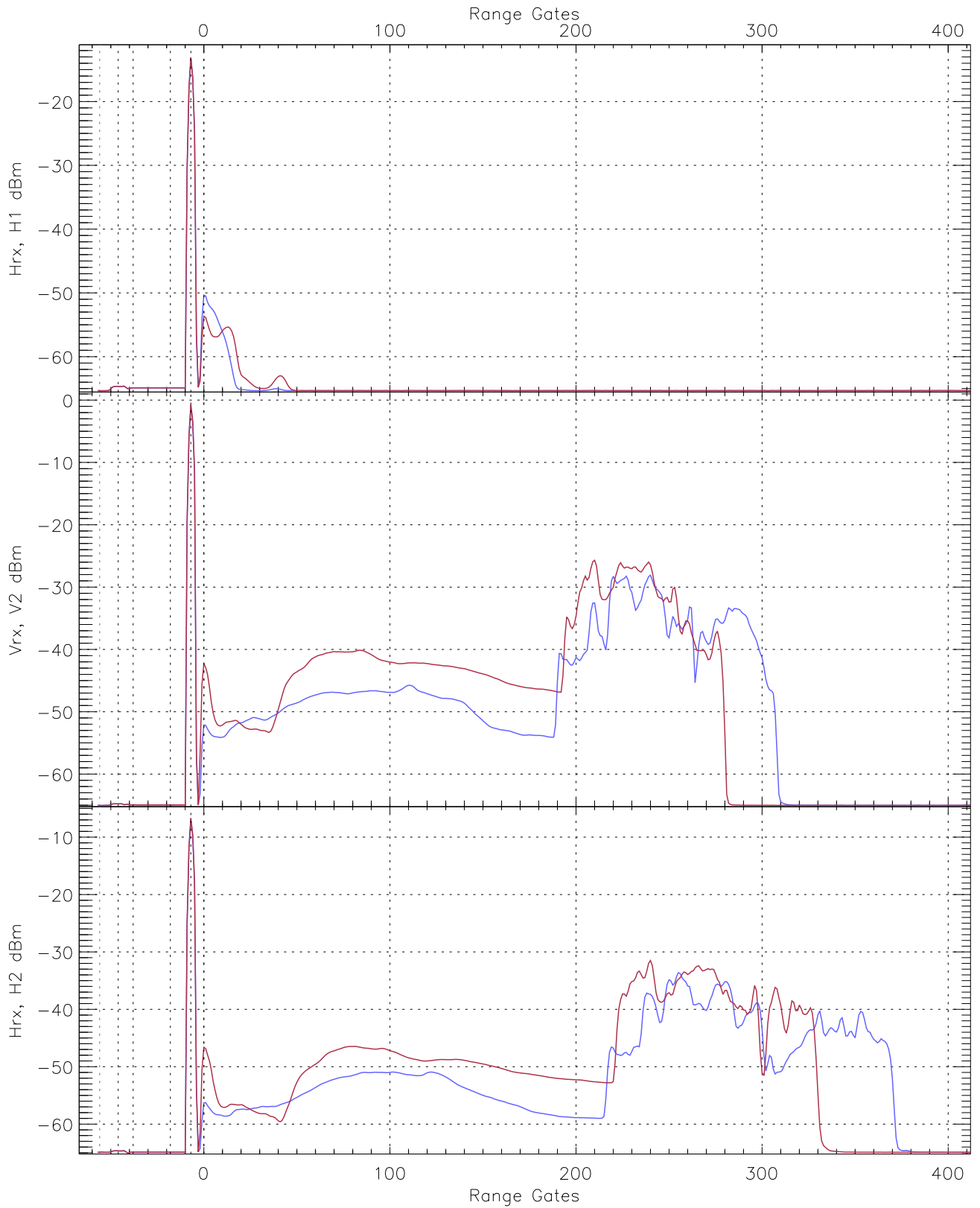
WCR3 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-66.75	-64.30	-65.34	-65.34	-76.88
Vrx, V2 (RM [dBm])	-66.34	-63.88	-65.04	-65.04	-76.57
Hrx, H2 (RM [dBm])	-66.09	-63.82	-64.89	-64.90	-76.31

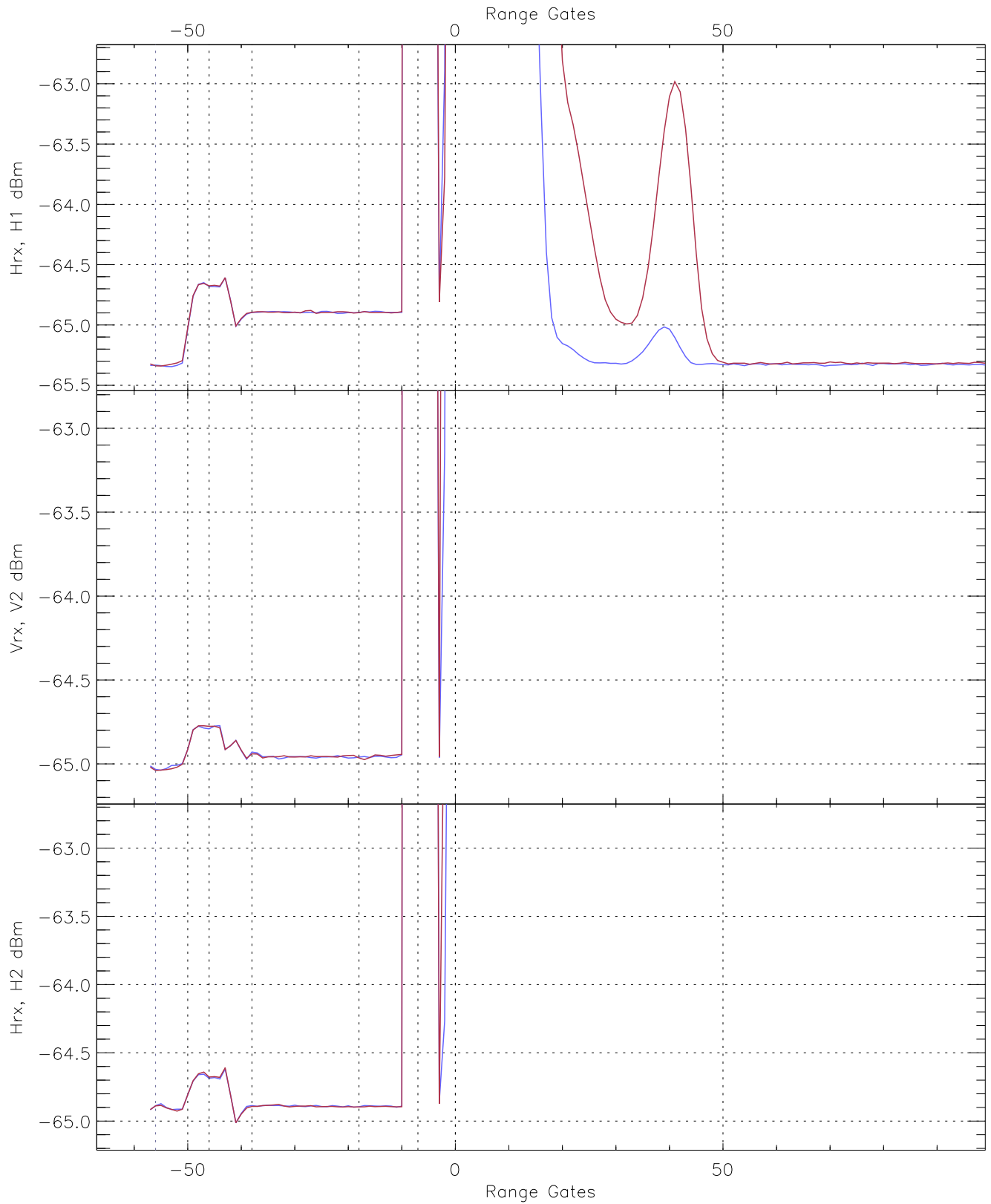


WCR3 CPP "Best" estimate Receivers Noise Power

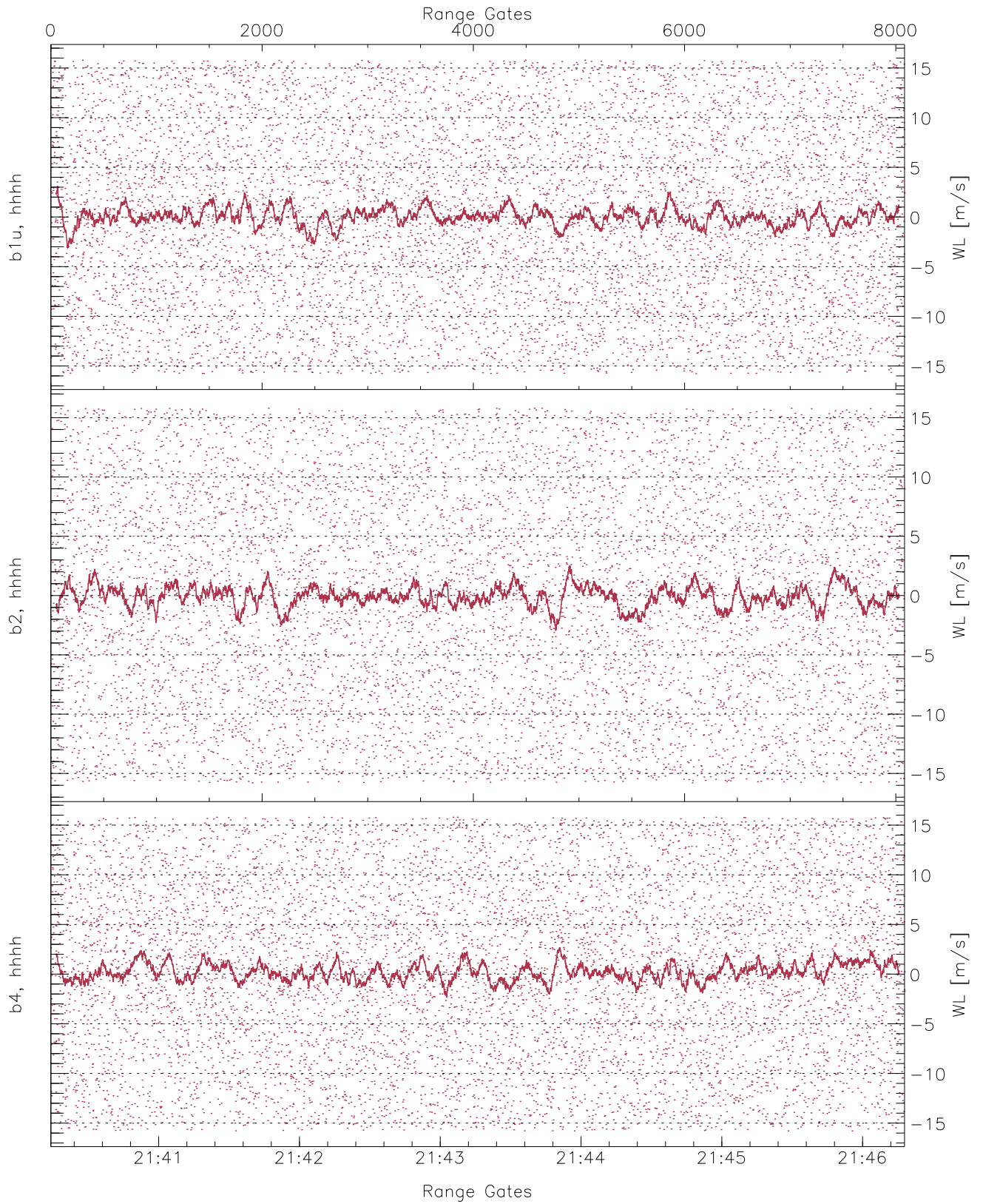
	Min	Max	Mean	Median	StDev
H1RG280_0 [dBm]	-66.49	-64.21	-65.34	-65.35	-76.84
V2RG394_0 [dBm]	-66.21	-63.92	-65.04	-65.05	-76.55
H2RG399_0 [dBm]	-66.15	-63.82	-64.92	-64.93	-76.42



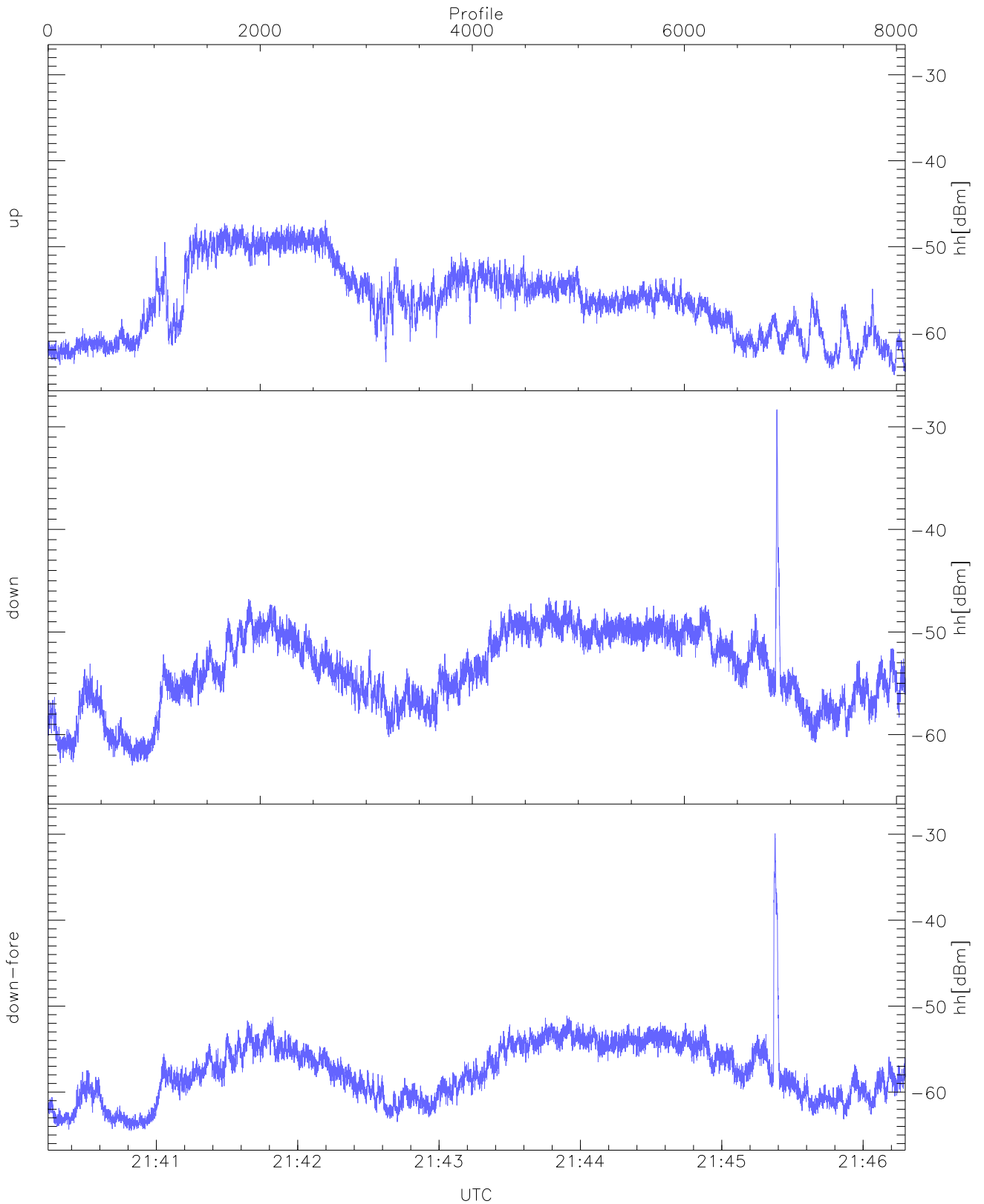
WCR3 CPP Averaged Received power for all recorded gates
blue: 214014-214316, 4043 profiles averaged
red: 214316-214618, 4042 profiles averaged



WCR3 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 214014-214316, 4043 profiles averaged
red: 214316-214618, 4042 profiles averaged

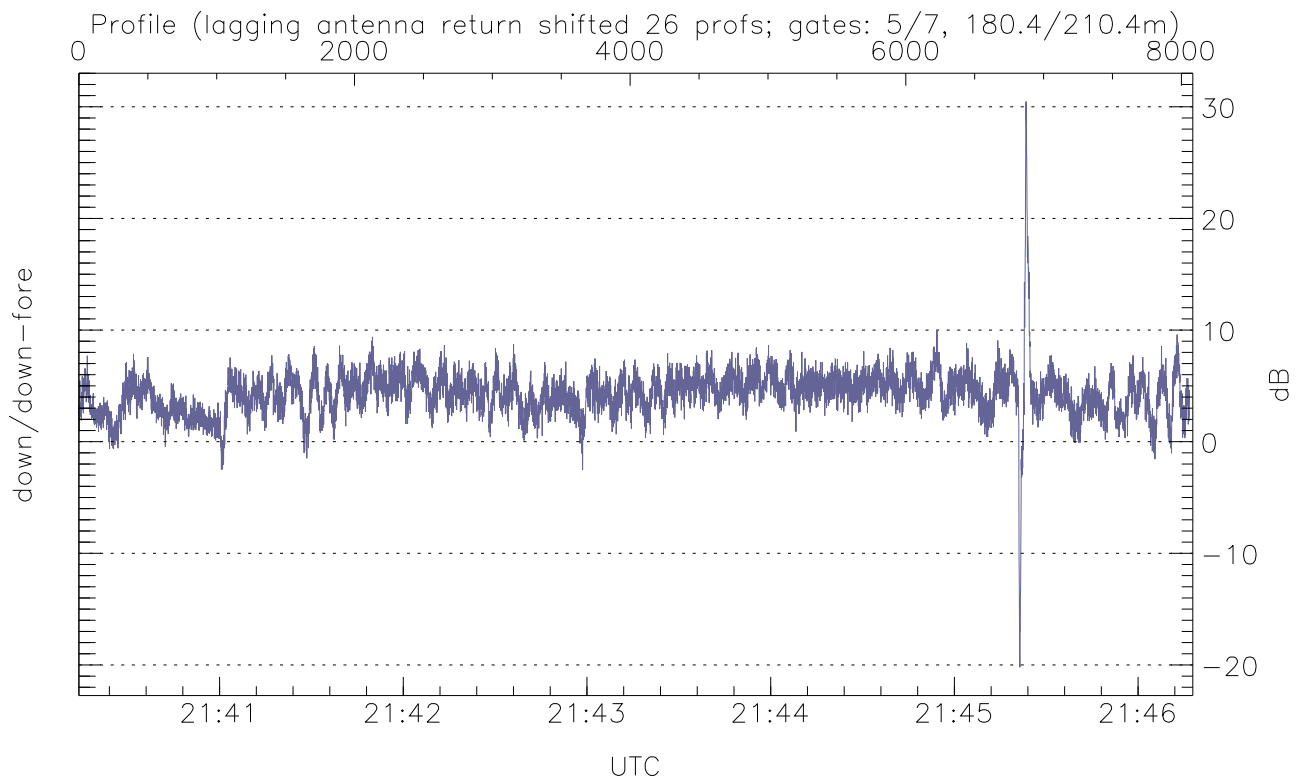
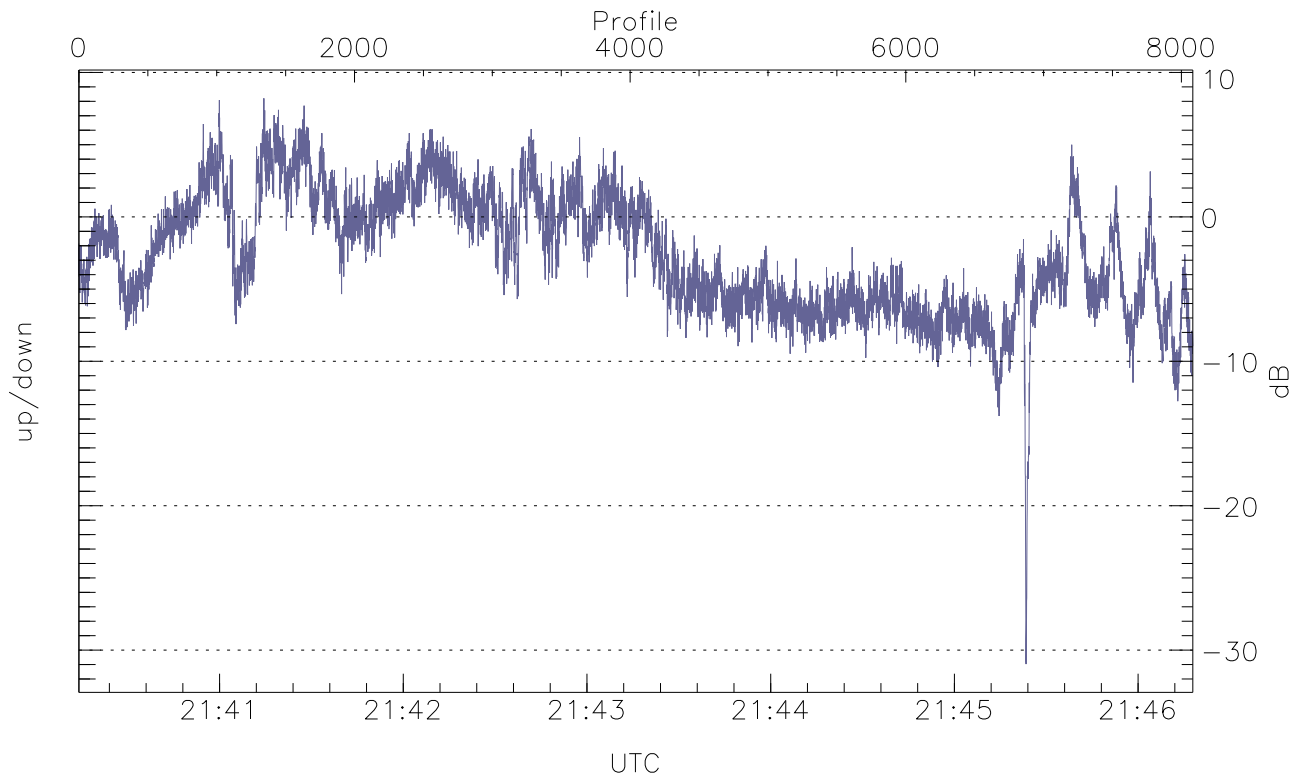


WCR3 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



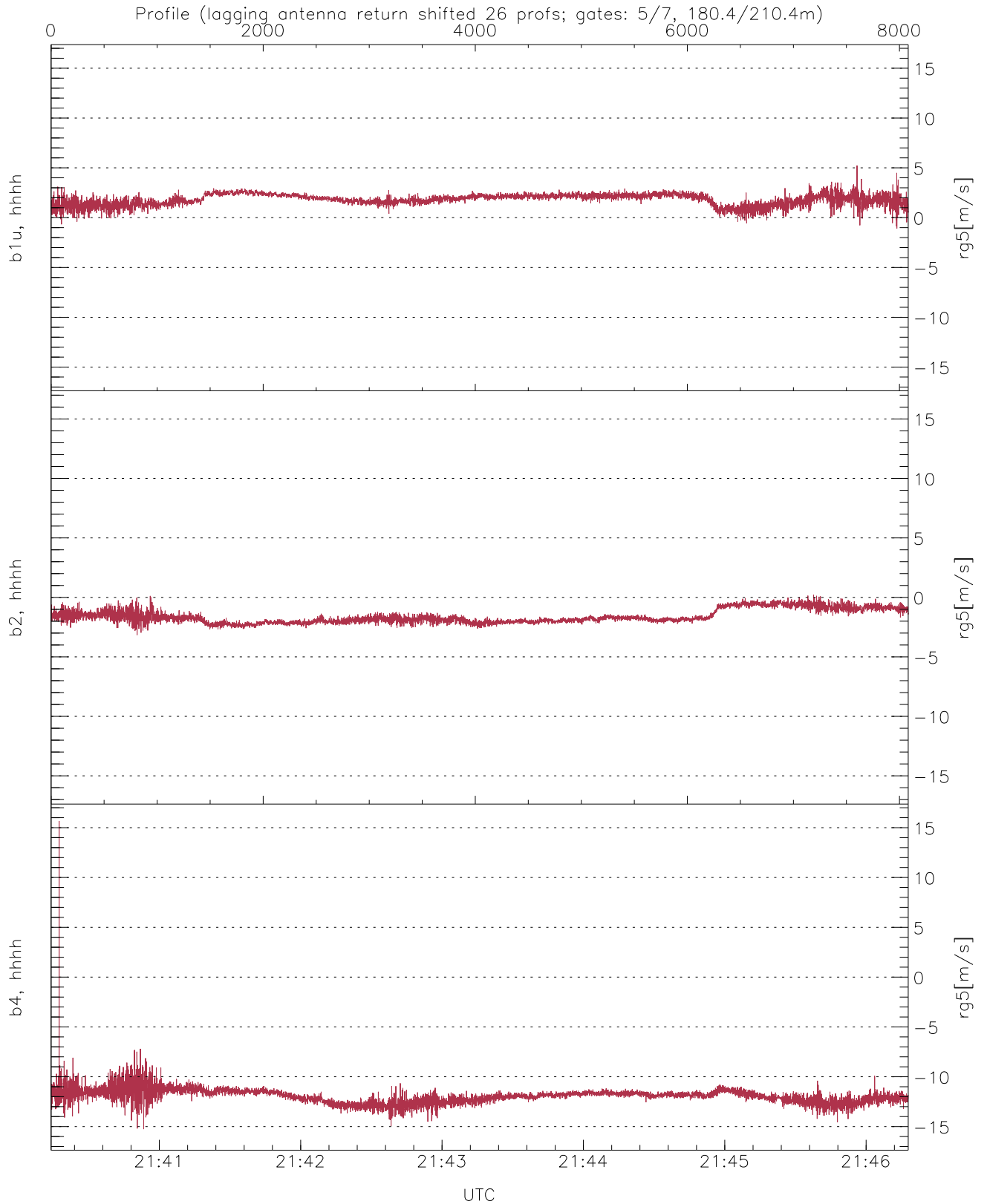
WCR3 CPP Received Power Products for Range gate 5 (180.4 m)

	Min	Max	Mean
up(hh[dBm])	-64.94	-46.91	-54.31
down(hh[dBm])	-63.00	-28.31	-51.65
down-fore(hh[dBm])	-64.50	-29.91	-54.45



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

	Min	Max	Mean
up/down (dB)	-30.97	8.21	-2.63
down/down-fore (dB)	-20.21	30.47	4.29



WCR3 CPP Doppler Velocity Products at 180.4 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.09	5.23	1.82	0.57
b2, hhhh(rg5[m/s])	-3.16	0.23	-1.61	0.57
b4, hhhh(rg5[m/s])	-15.25	15.68	-11.95	0.75