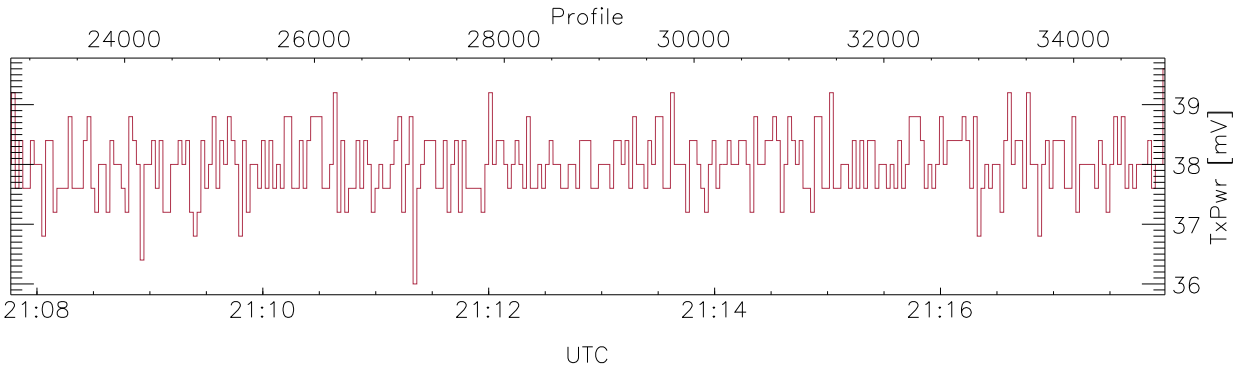
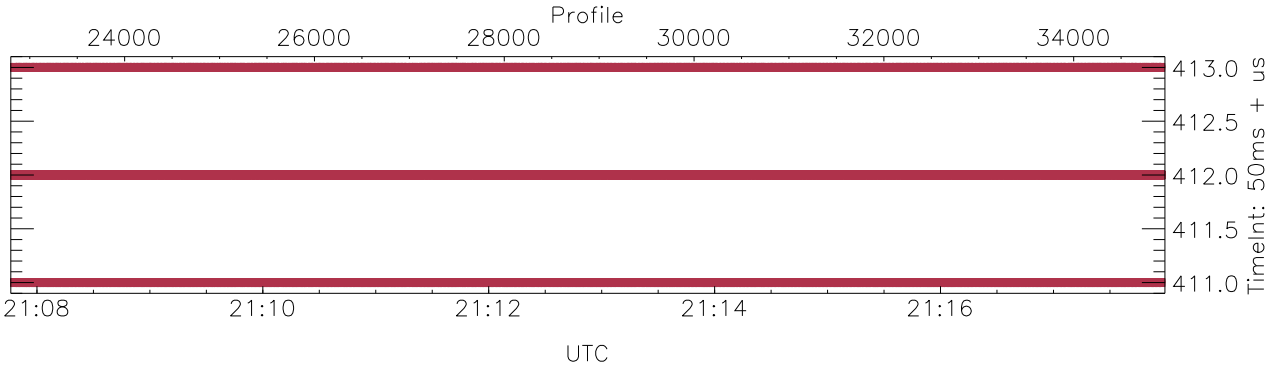
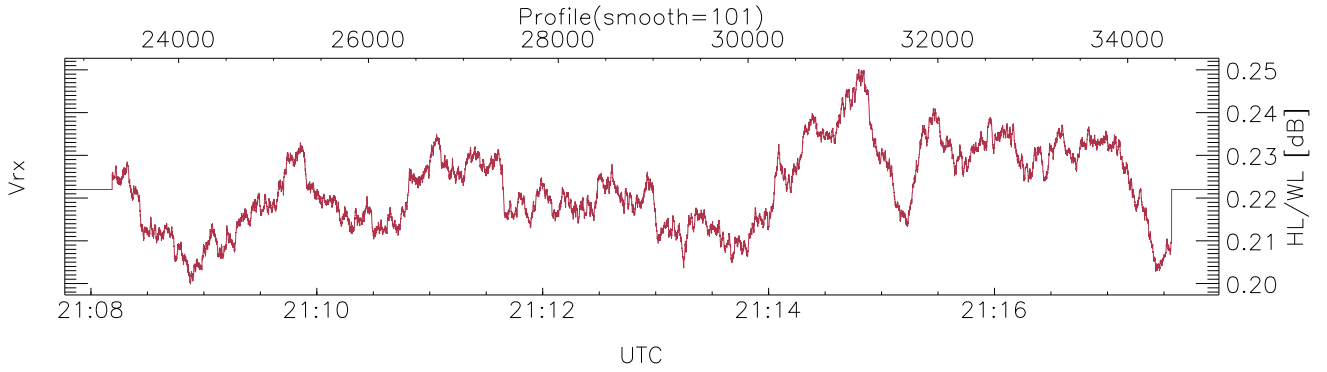
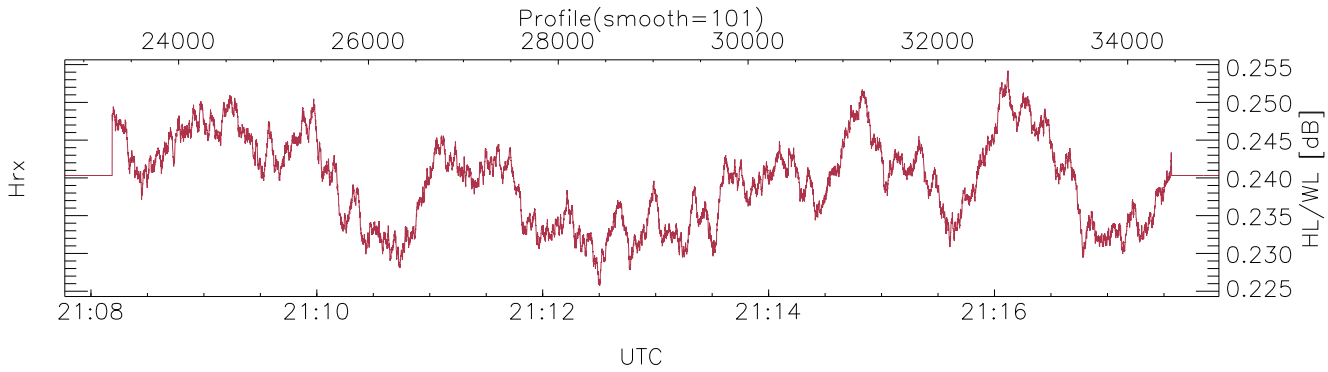


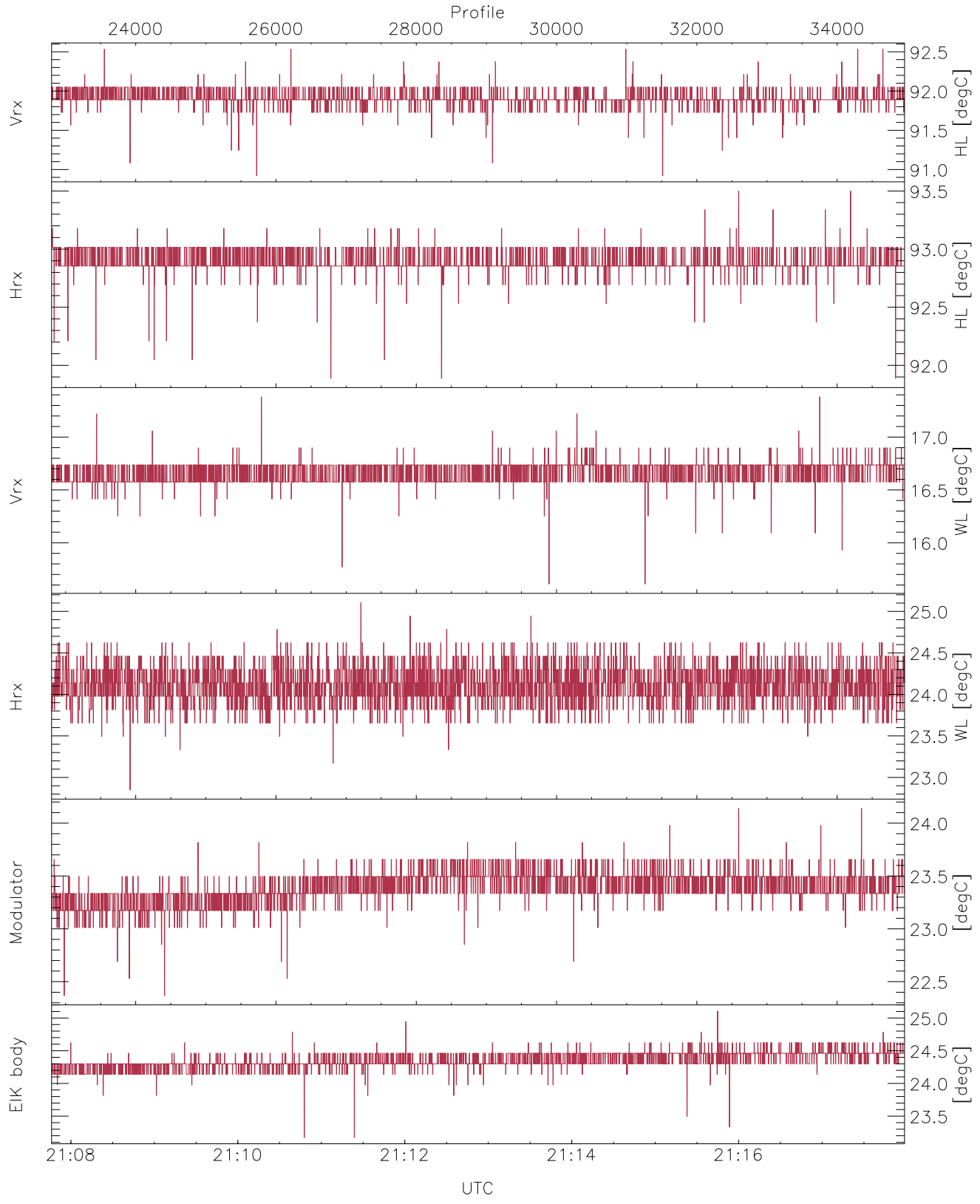






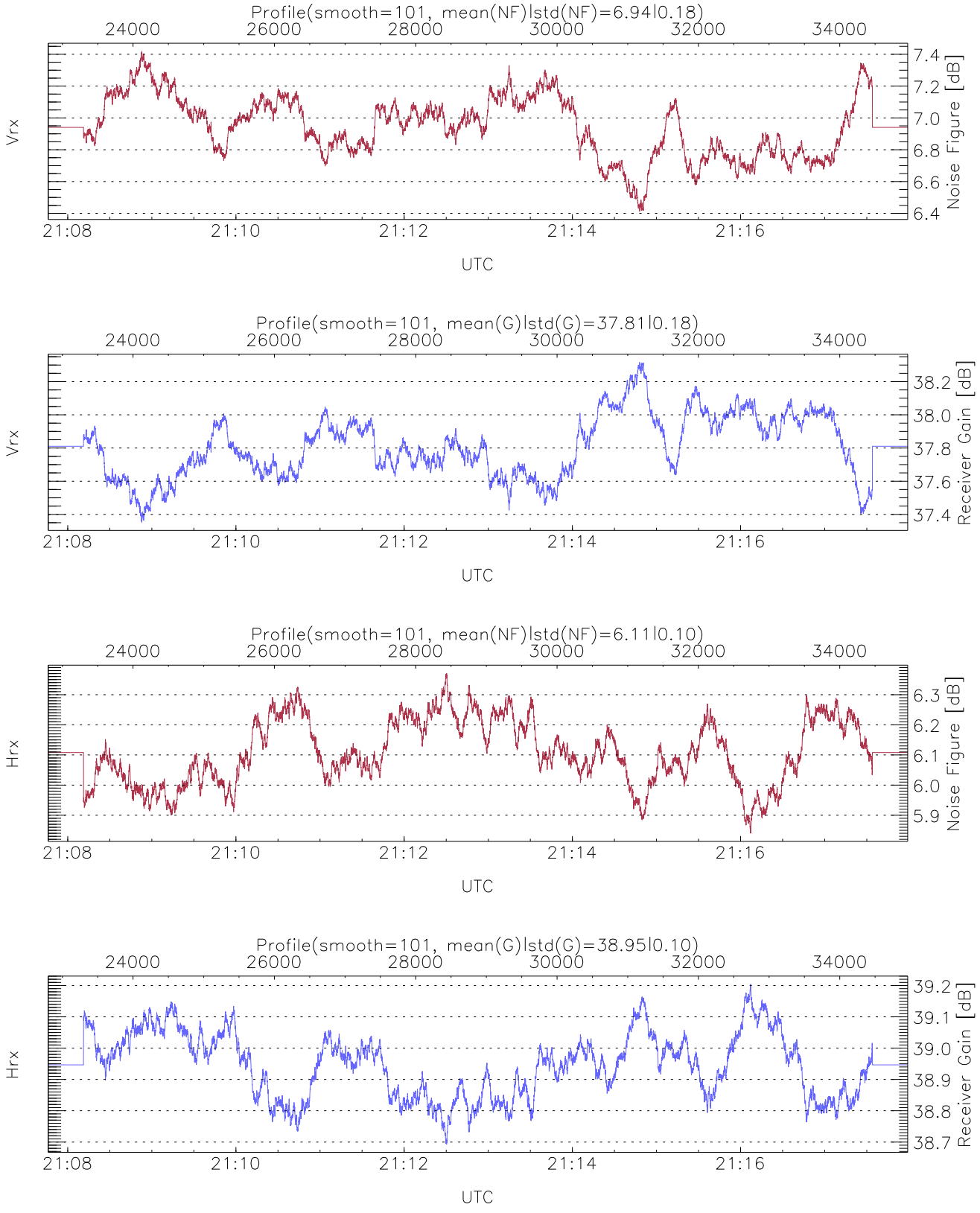
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:48:37-21:17:59, Dur: 1762.53s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 12163/34963, 22800-34962/21:07:46-21:17:59
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
Range(min,max,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
Mirror(-9|0|1|2,3,9x = no mirror|sideluplerror): 1



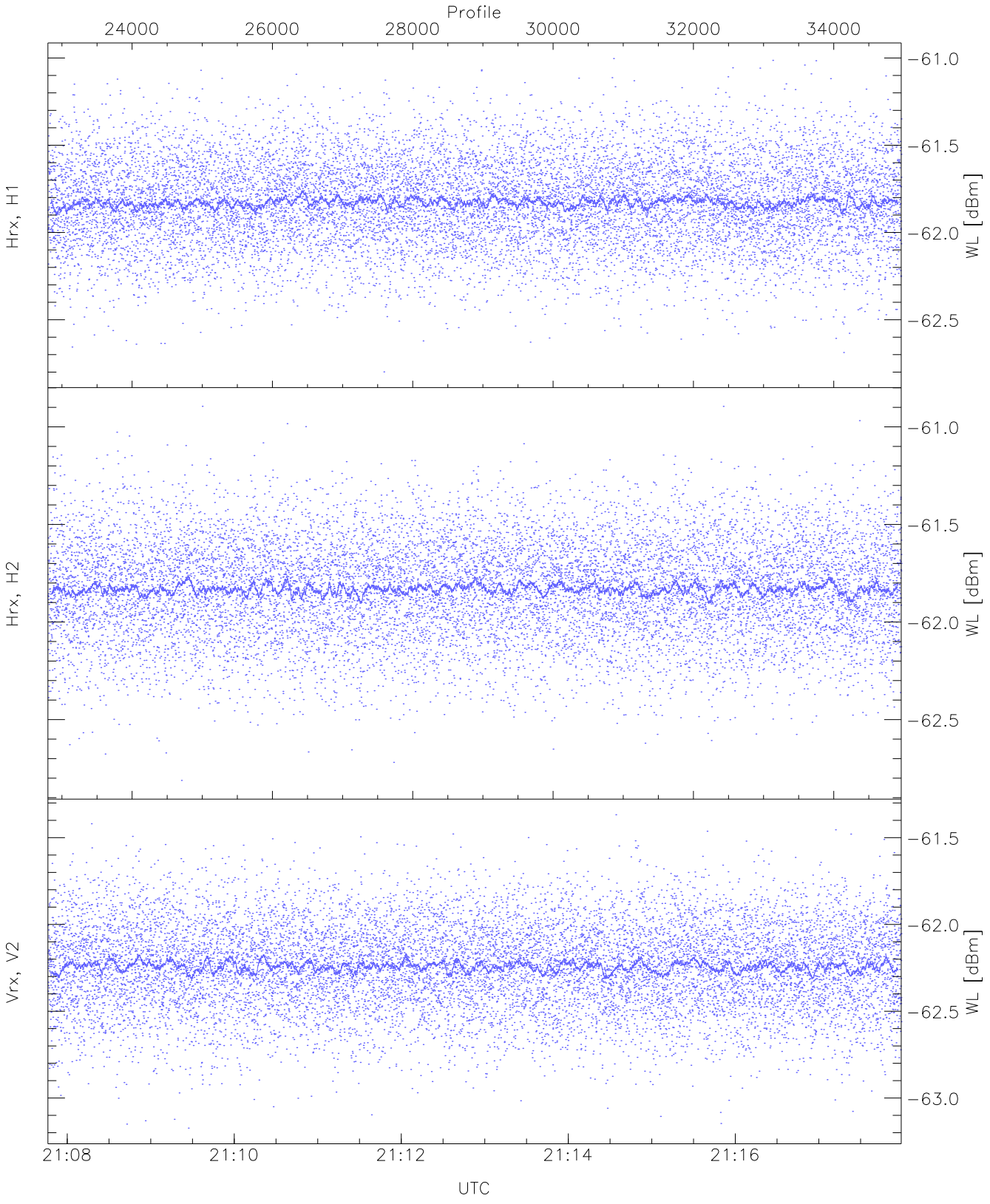
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,15,22,22,23
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,25,24,25
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



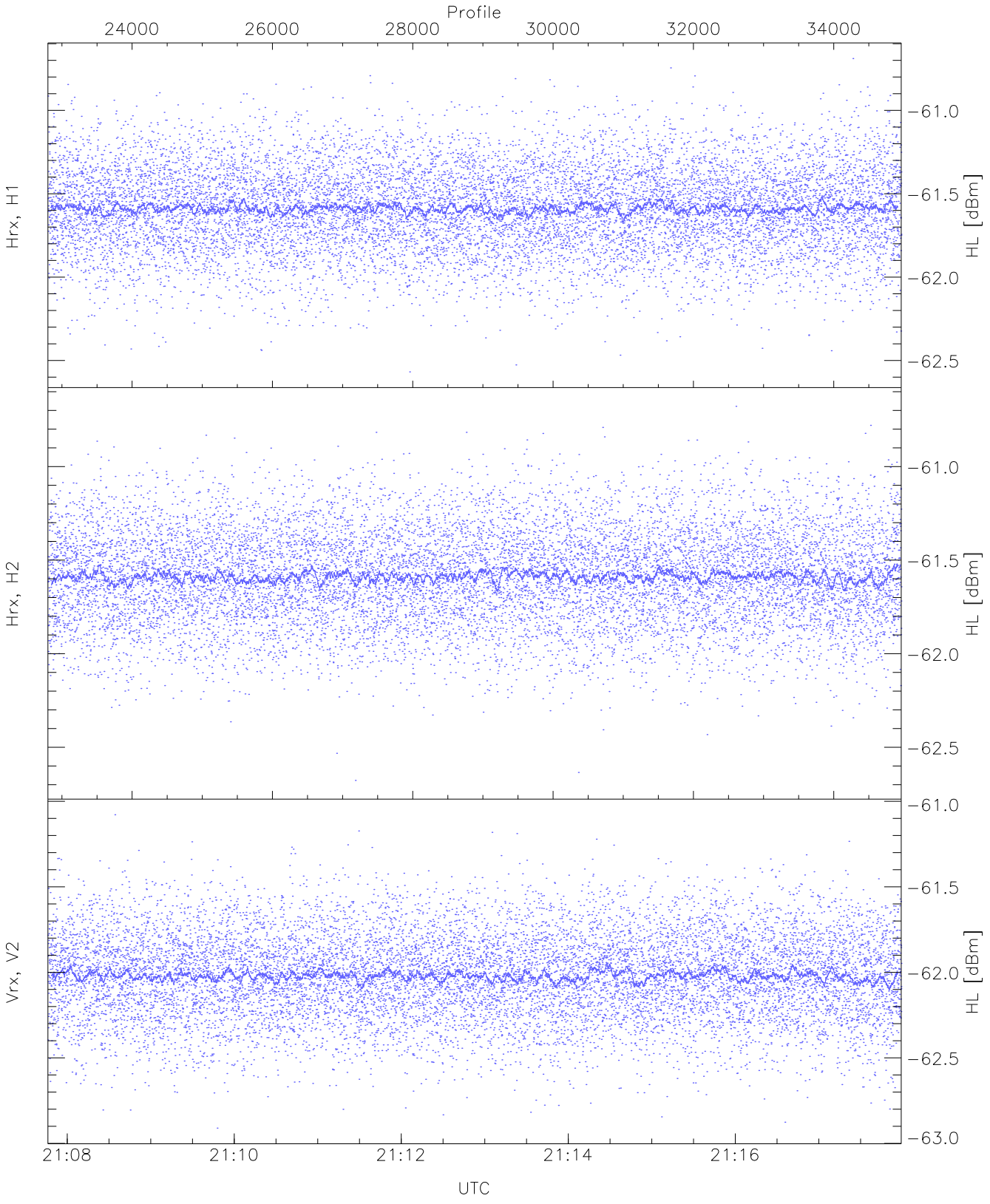
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 896 pixs, 8 gates, 883 profs, 1 prods



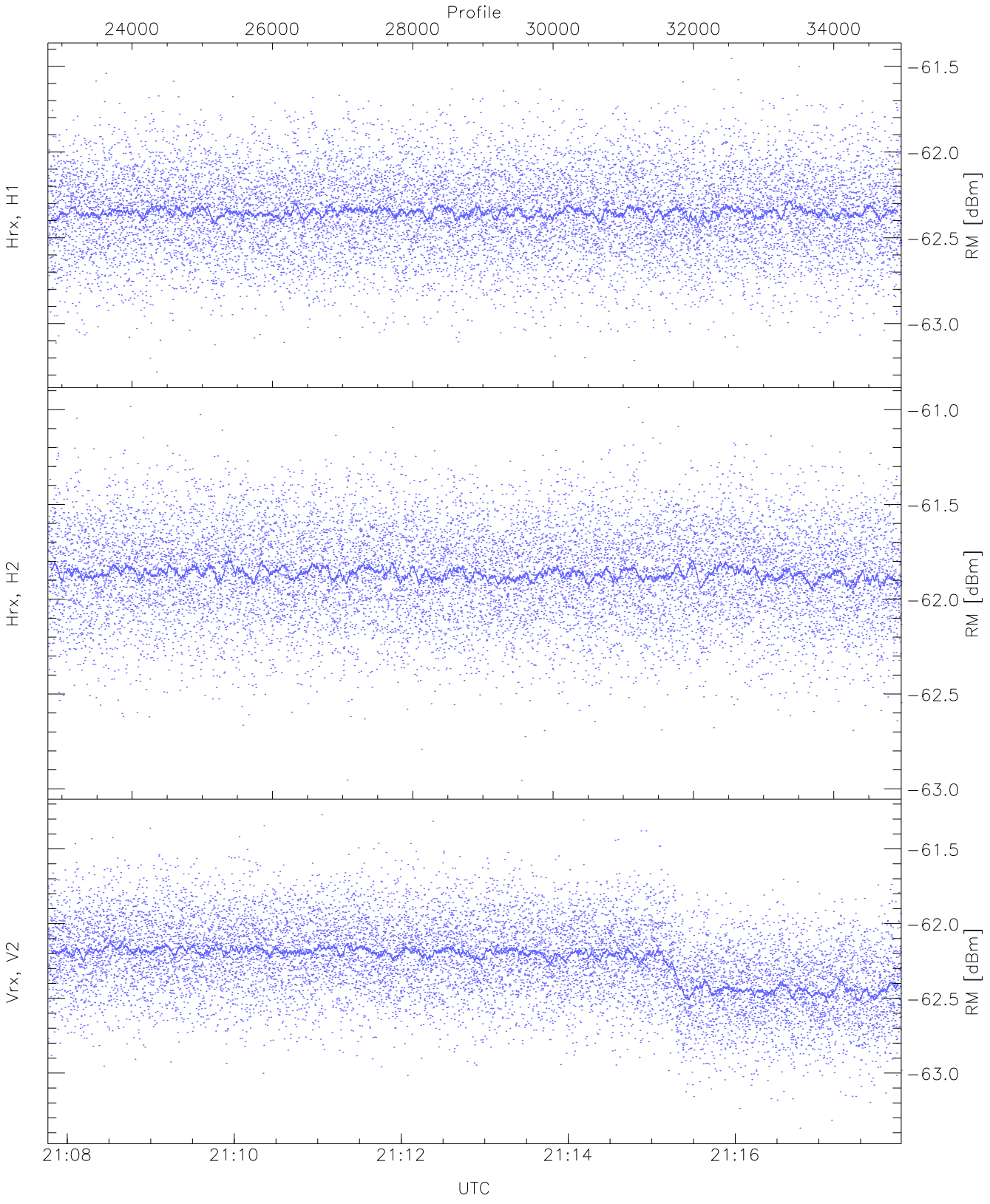
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.80	-61.00	-61.82	-61.83	-74.43
Hrx, H2(WL [dBm])	-62.81	-60.89	-61.83	-61.82	-74.39
Vrx, V2(WL [dBm])	-63.17	-61.37	-62.24	-62.24	-74.81



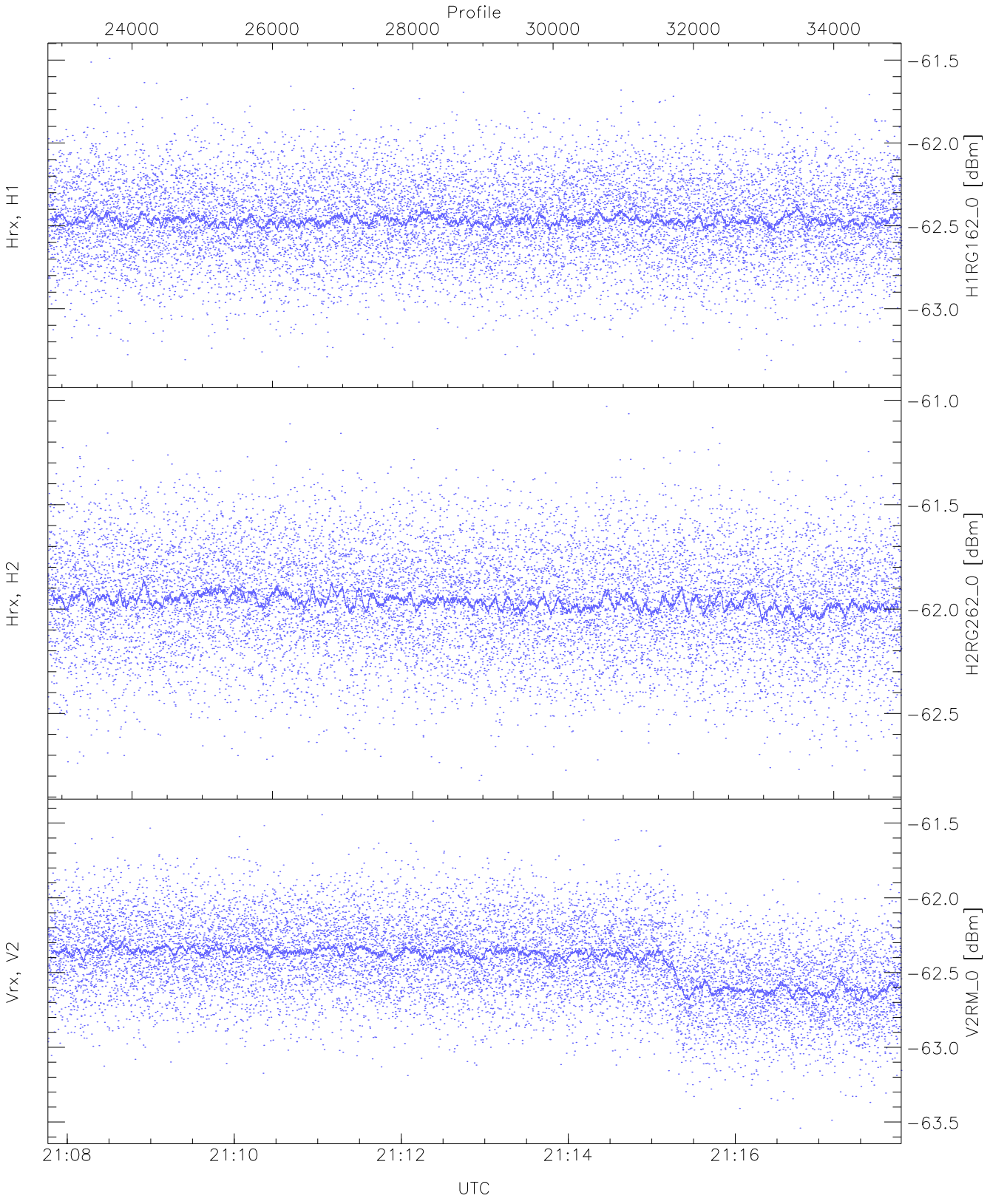
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.57	-60.69	-61.58	-61.59	-74.13
Hrx, H2(HL [dBm])	-62.68	-60.68	-61.58	-61.59	-74.17
Vrx, V2(HL [dBm])	-62.91	-61.08	-62.02	-62.02	-74.61



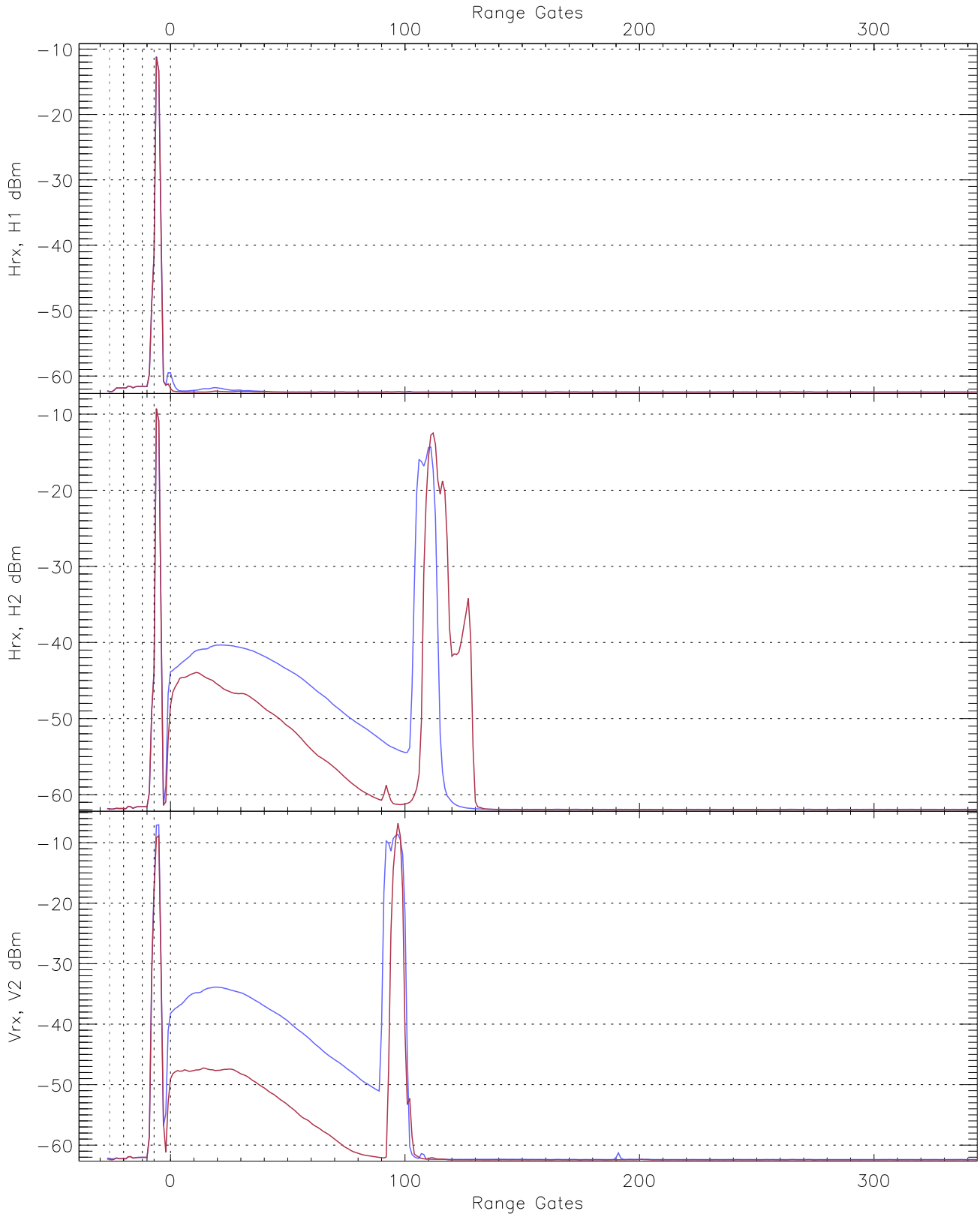
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.28	-61.46	-62.35	-62.35	-74.92
Hrx, H2(RM [dBm])	-62.96	-60.98	-61.86	-61.86	-74.44
Vrx, V2(RM [dBm])	-63.37	-61.27	-62.25	-62.25	-74.37

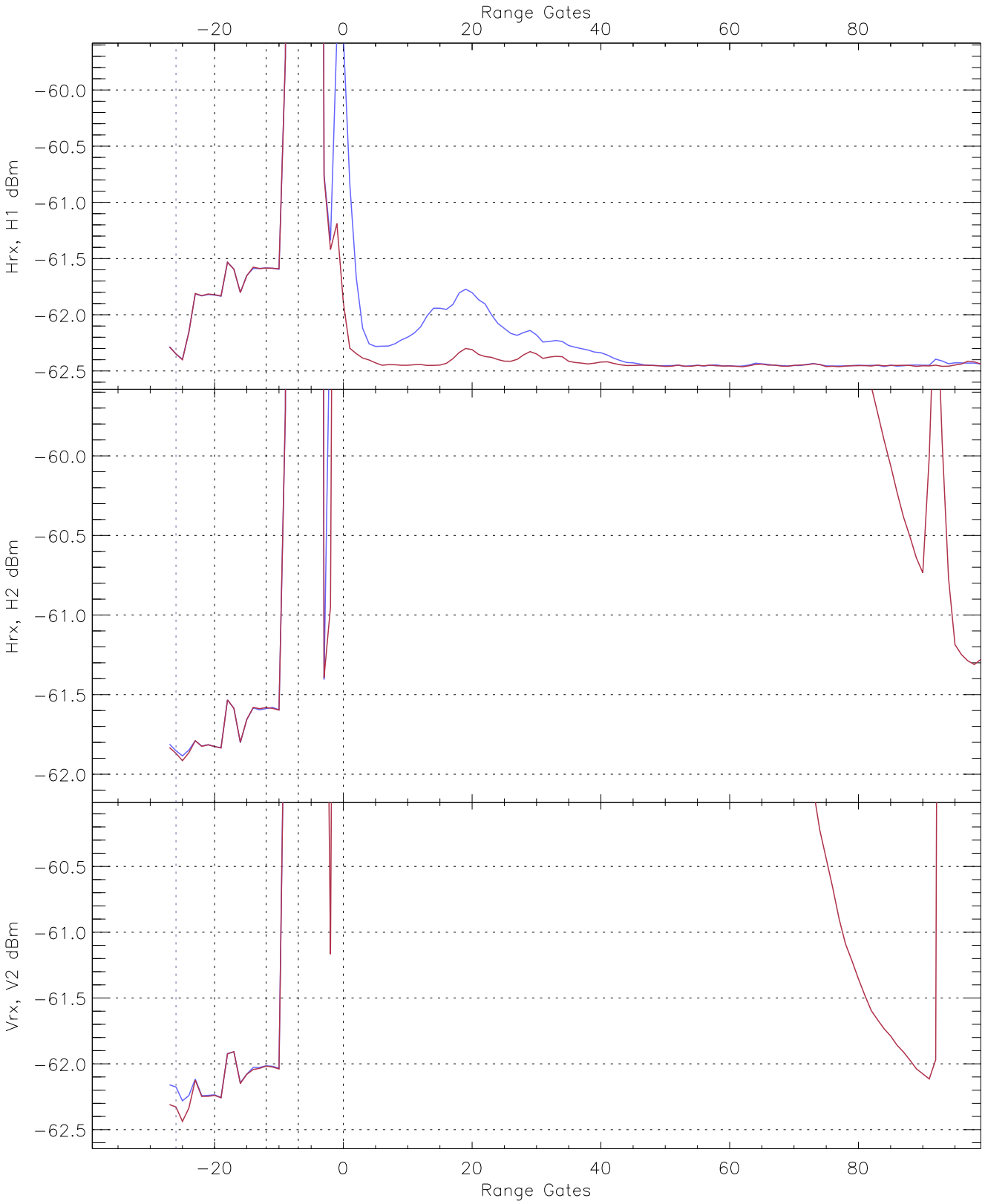


WCR2 CPP "Best" estimate Receivers Noise Power

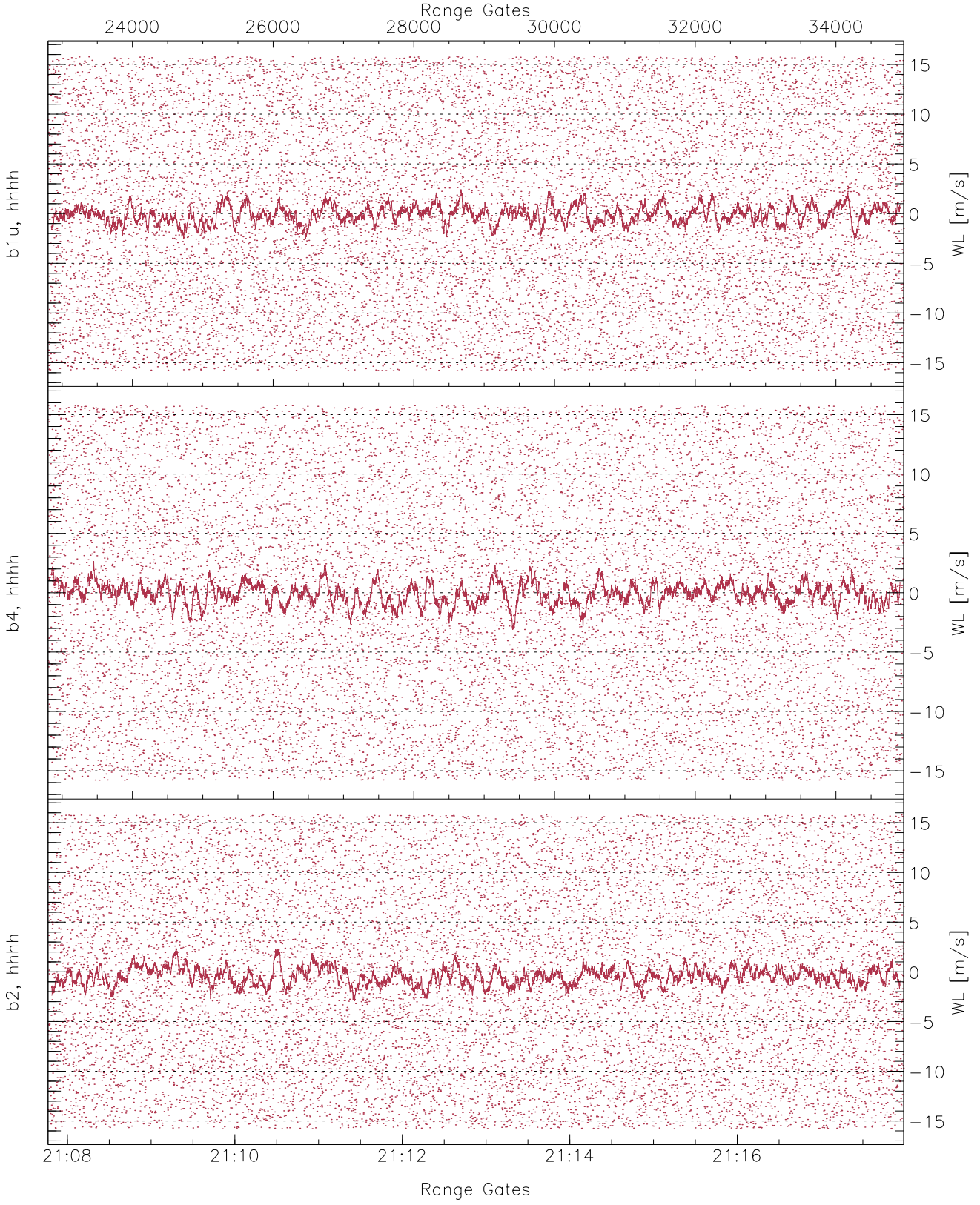
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.38	-61.49	-62.46	-62.47	-75.03
H2RG262_0 [dBm]	-62.82	-61.03	-61.96	-61.96	-74.52
V2RM_0 [dBm]	-63.54	-61.44	-62.42	-62.43	-74.54



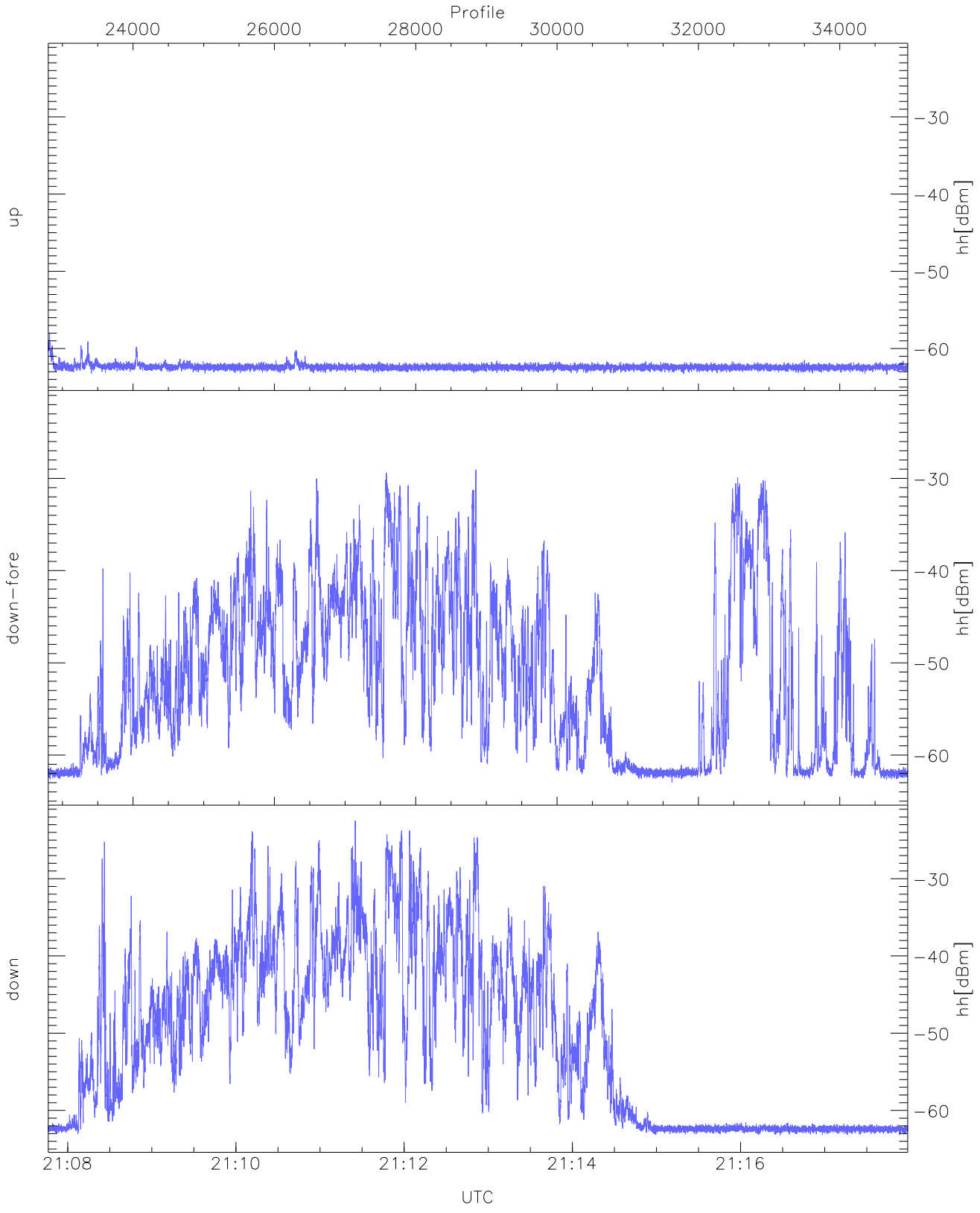
WCR2 CPP Averaged Received power for all recorded gates
blue: 210746-211253, 6082 profiles averaged
red: 211253-211759, 6082 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 210746-211253, 6082 profiles averaged
red: 211253-211759, 6082 profiles averaged

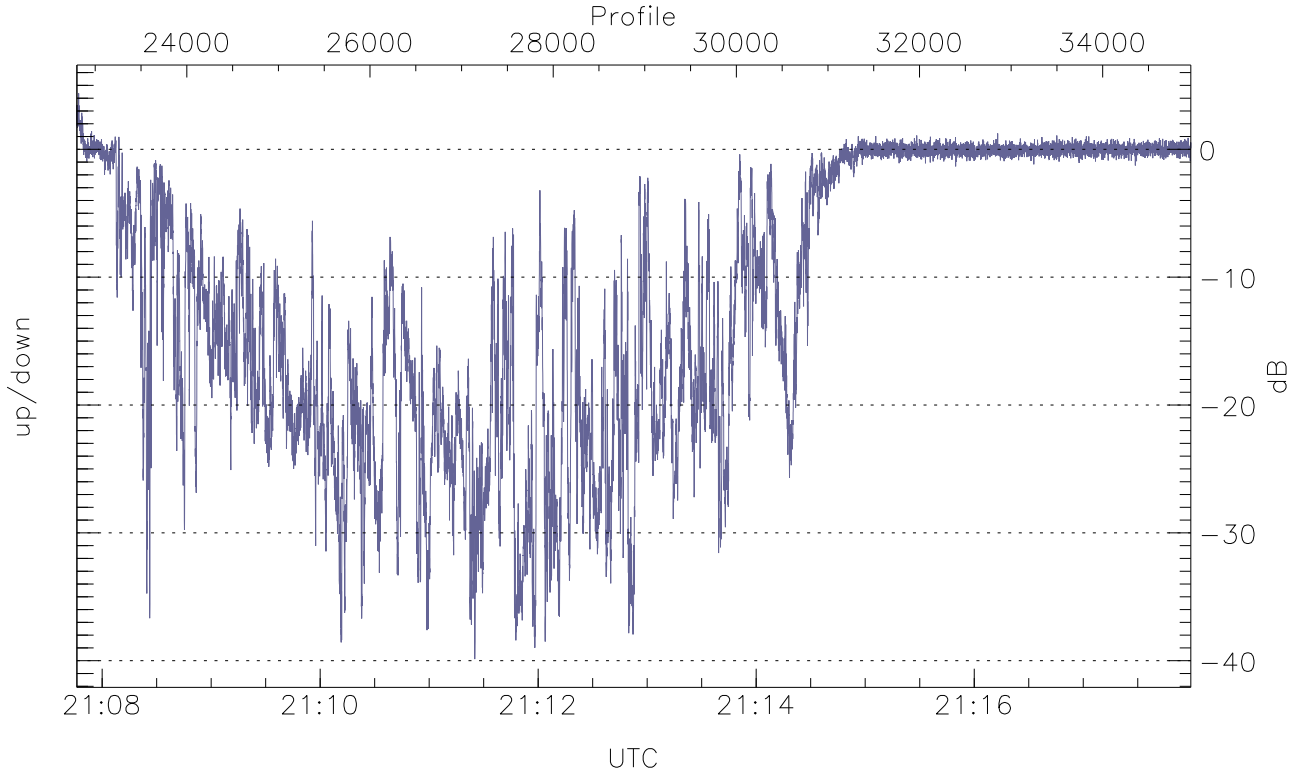


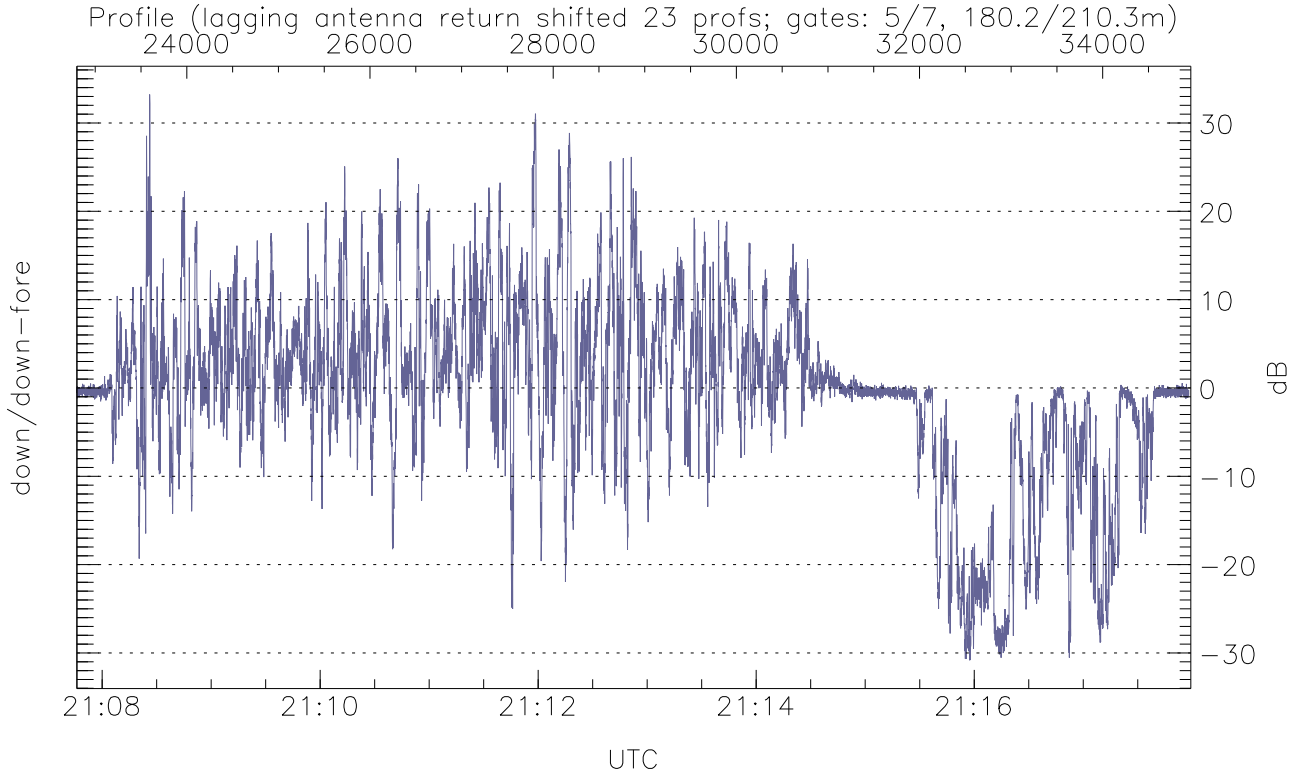
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

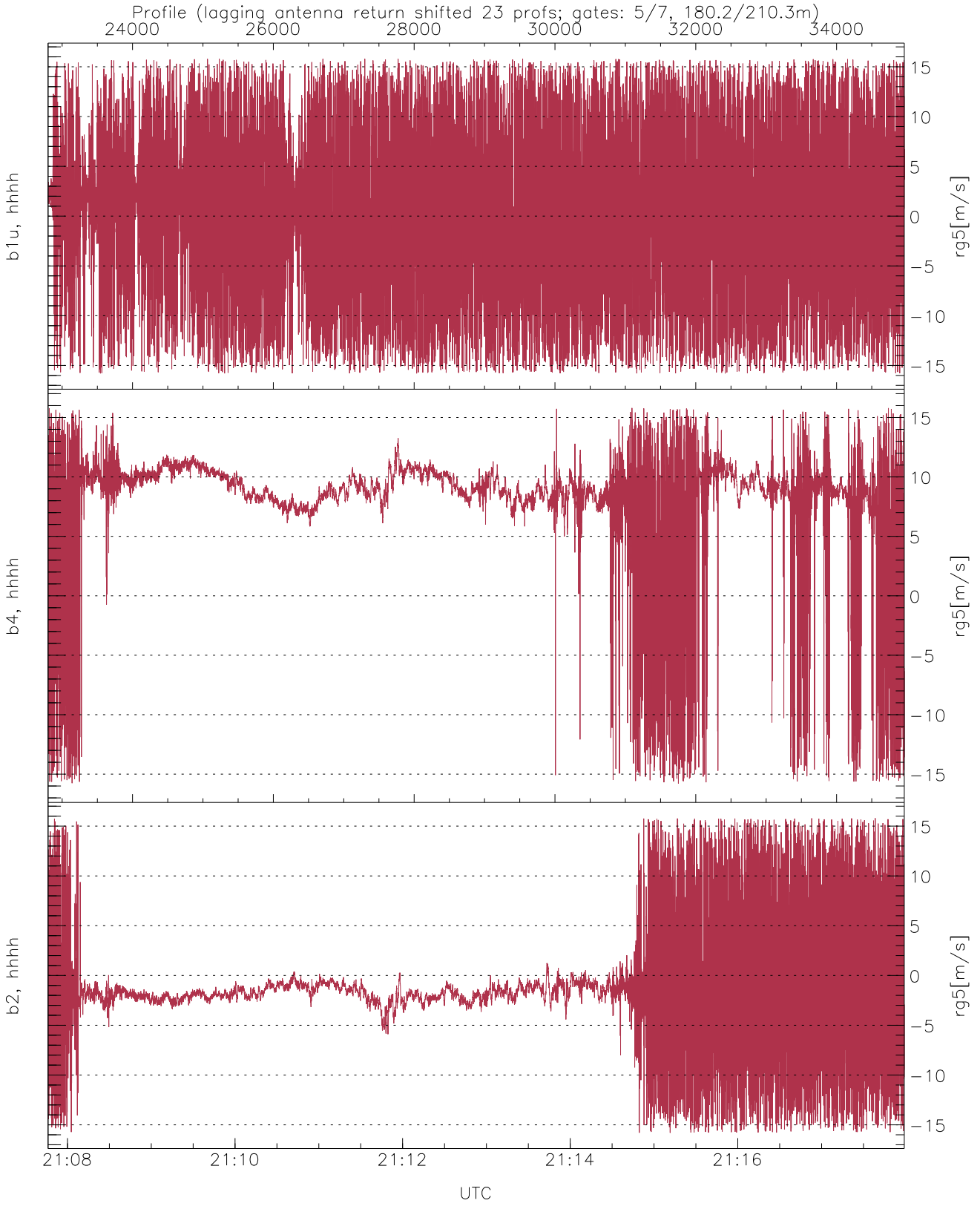
	Min	Max	Mean
up(hh[dBm])	-63.38	-58.06	-62.35
down-fore(hh[dBm])	-62.96	-29.05	-43.48
down(hh[dBm])	-63.21	-22.51	-39.29





WCR2 Beam pairs Received Power Ratio(s); RangeGate: 5 (180 m)

	Min	Max	Mean
up/down(dB)	-39.87	4.38	-11.41
down/down-fore(dB)	-30.83	33.22	-0.24



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	0.03	8.55
b4, hhhh(rg5[m/s])	-15.79	15.80	7.55	5.42
b2, hhhh(rg5[m/s])	-15.80	15.80	-1.43	5.25