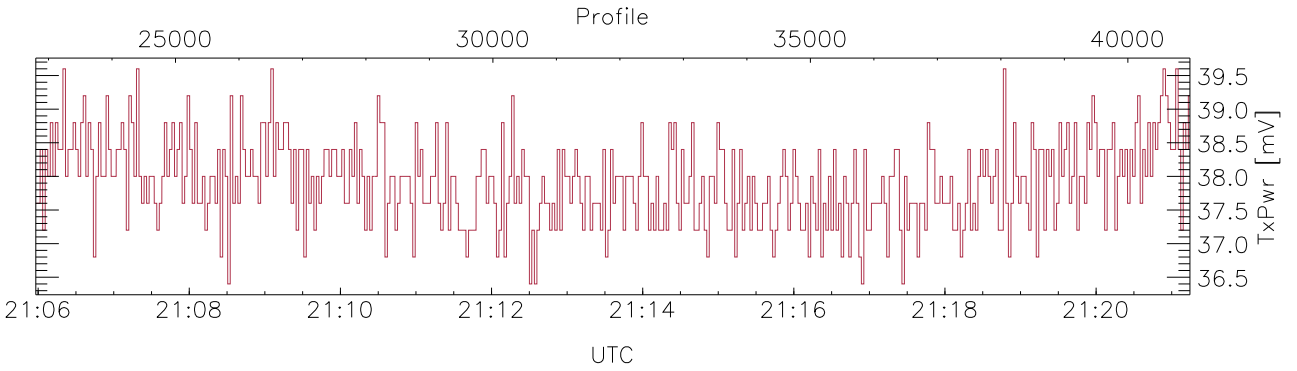
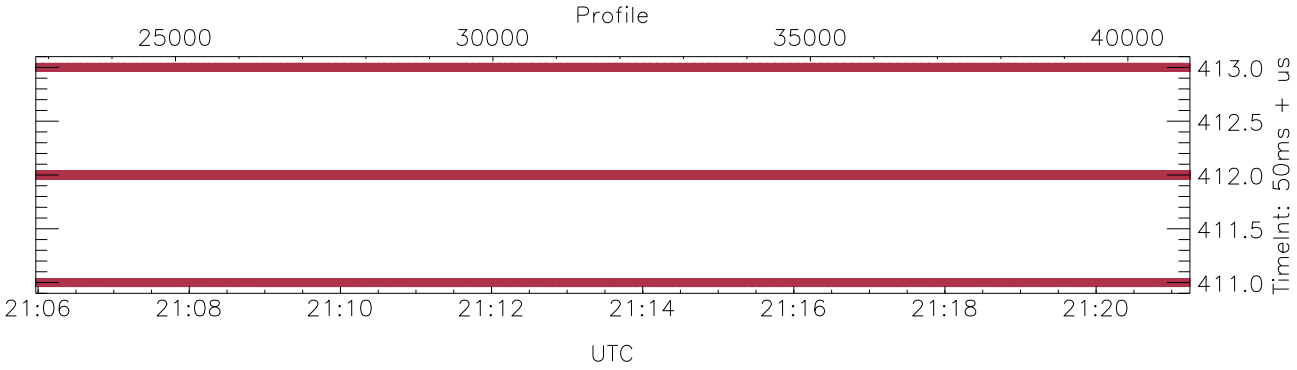
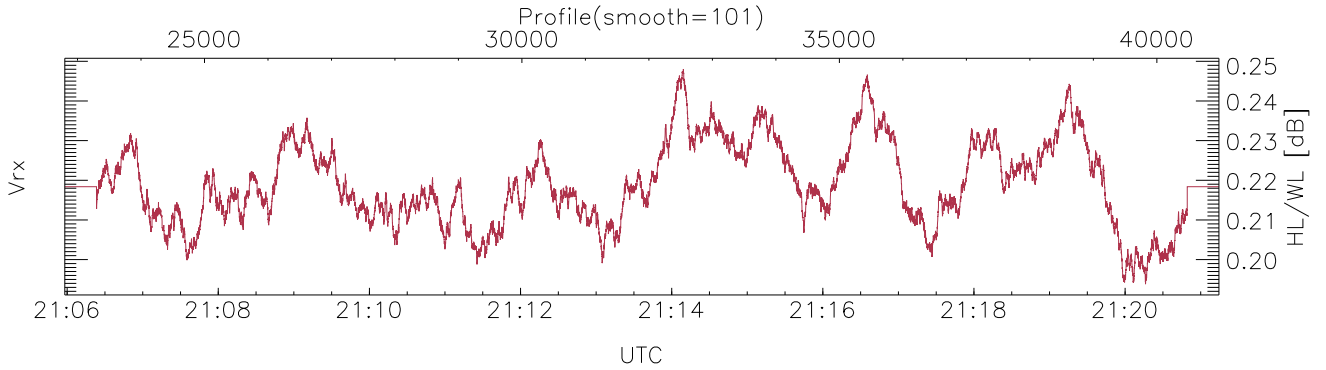
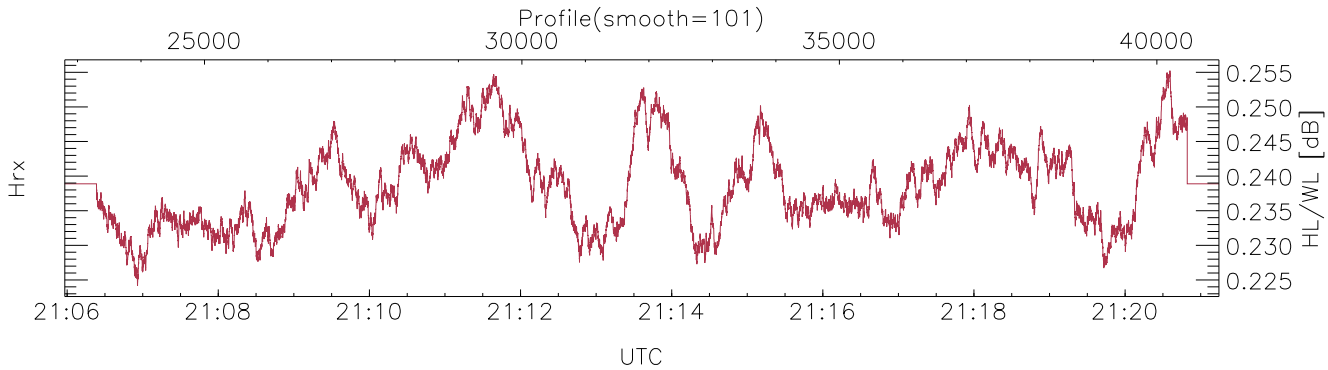


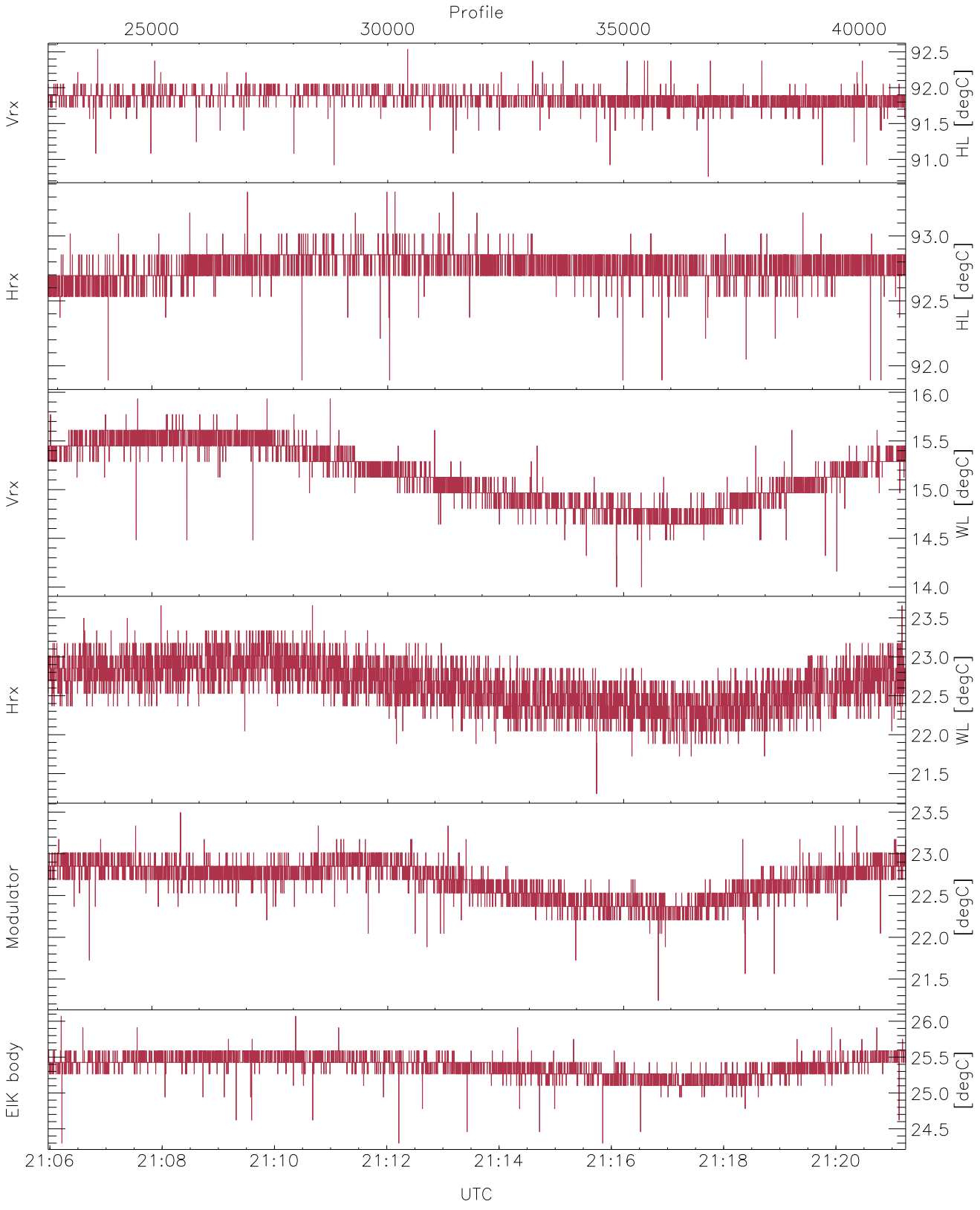






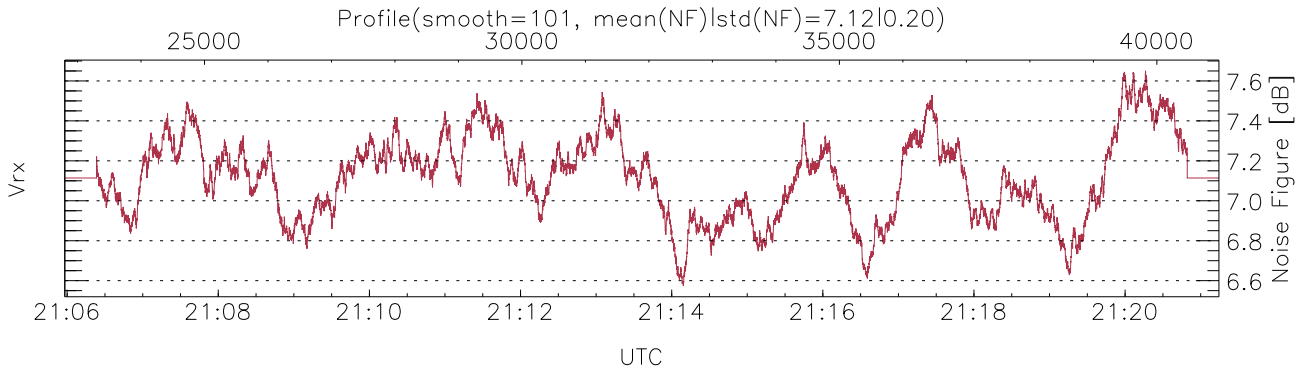
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

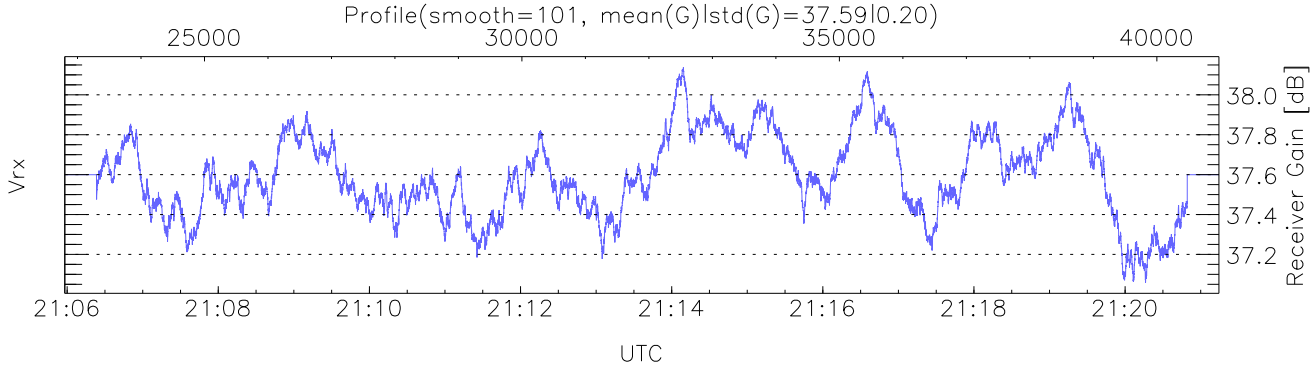
UTC: 20:46:49-21:21:15, Dur: 2065.81s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 18179/40979, 22800-40978/21:05:58-21:21:15
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

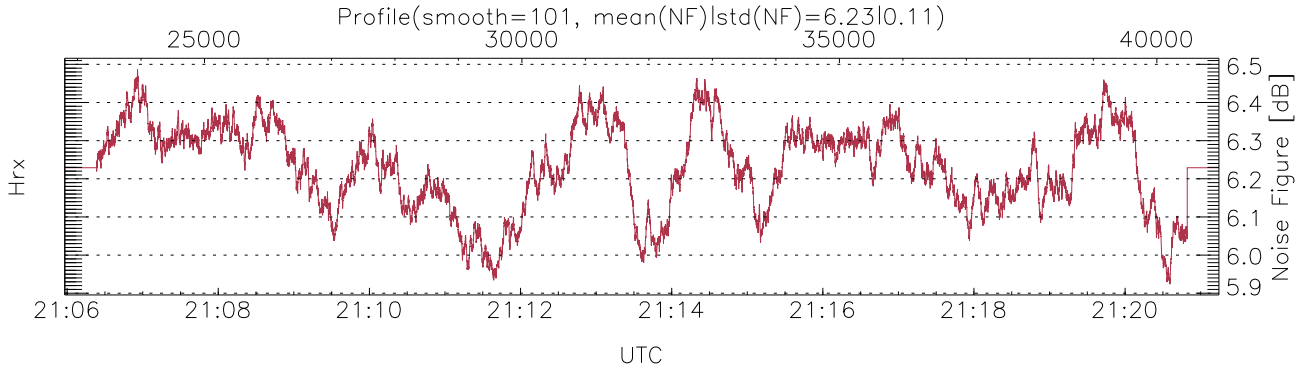


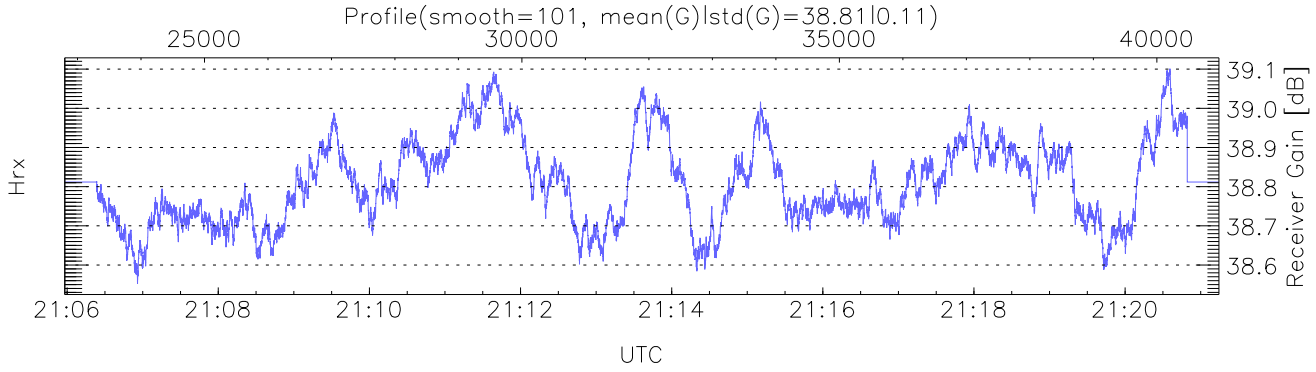
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,21,24
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,23,26
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,11)



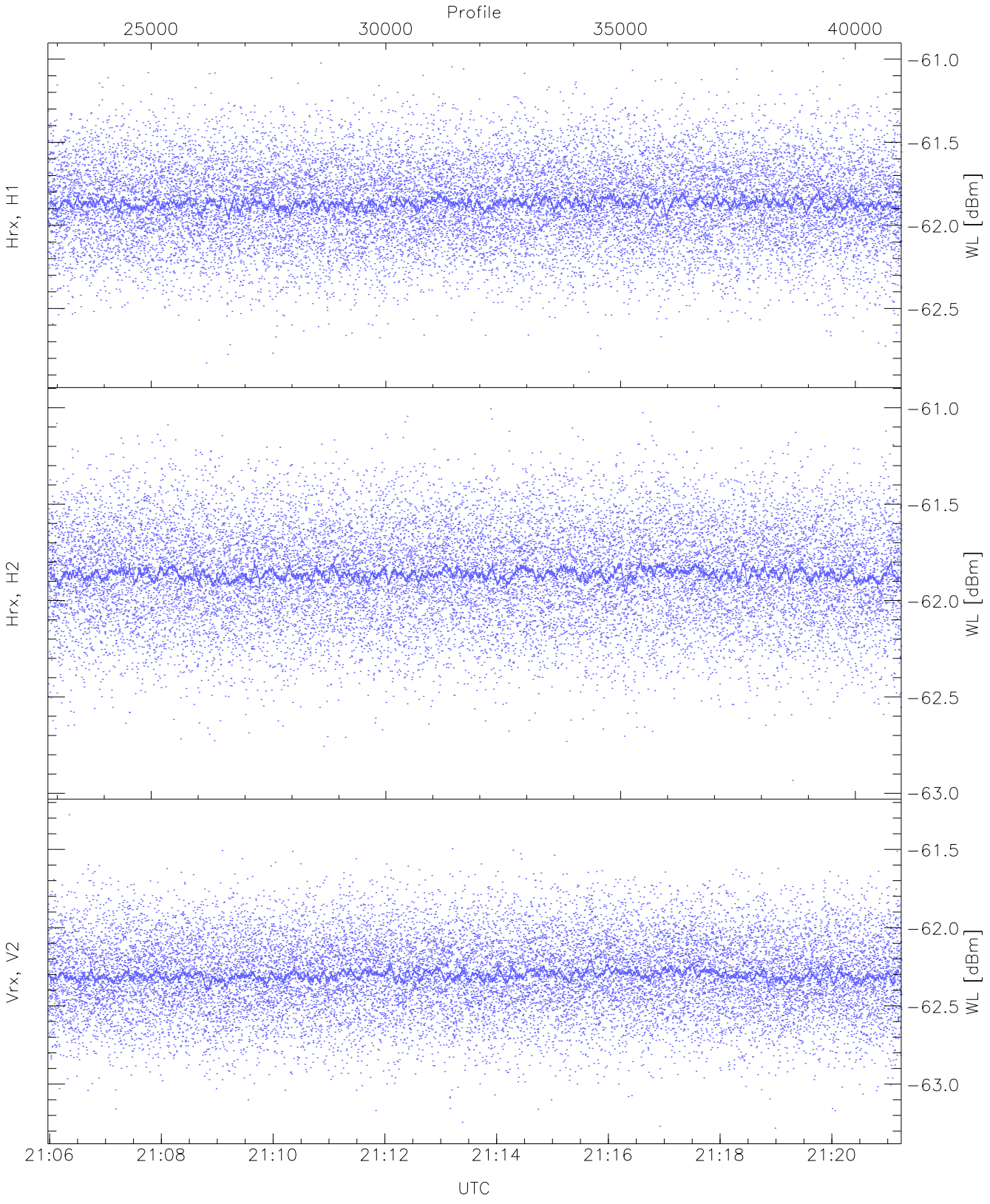






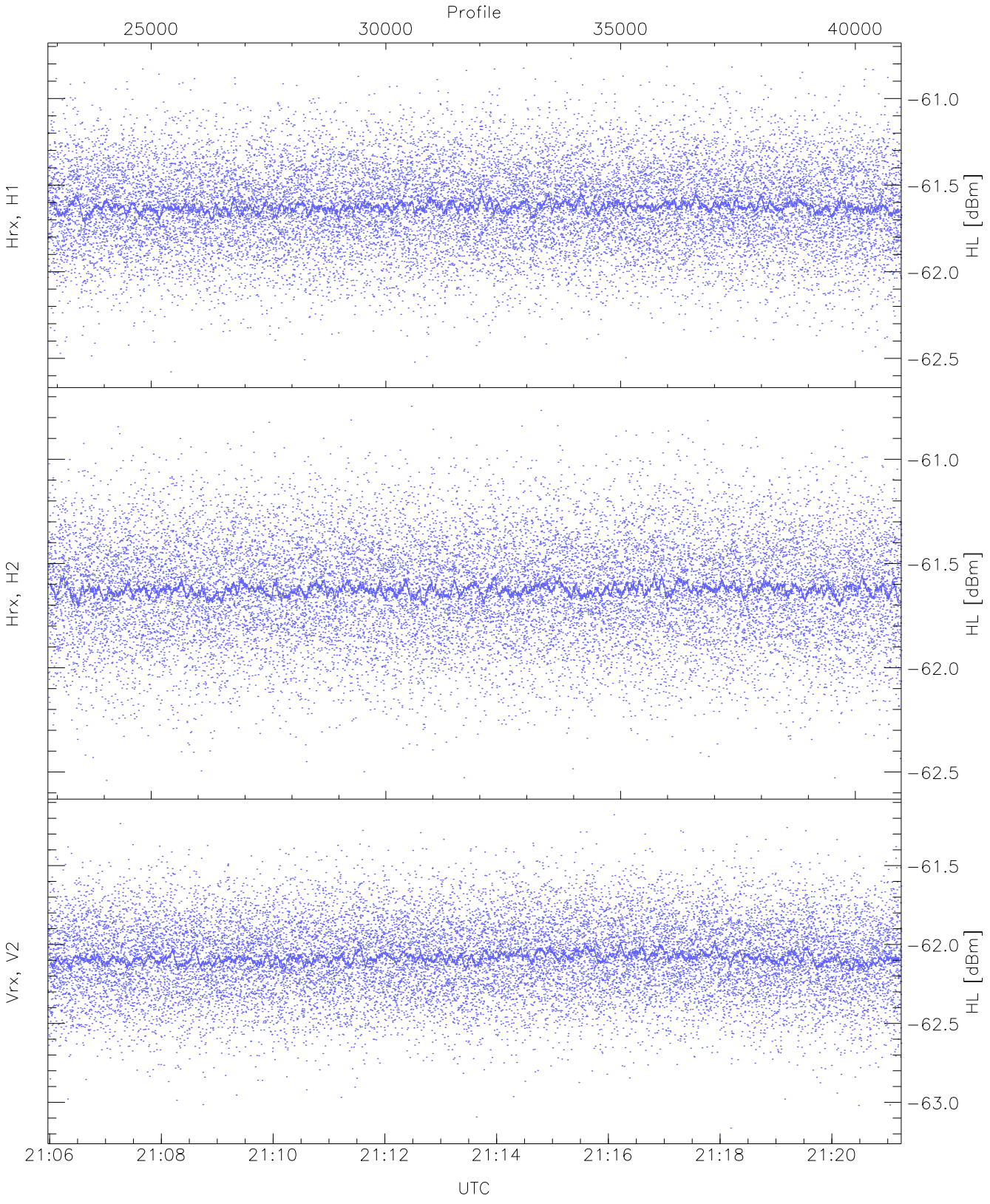
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 815 pixs, 24 gates, 805 profs, 2 prods



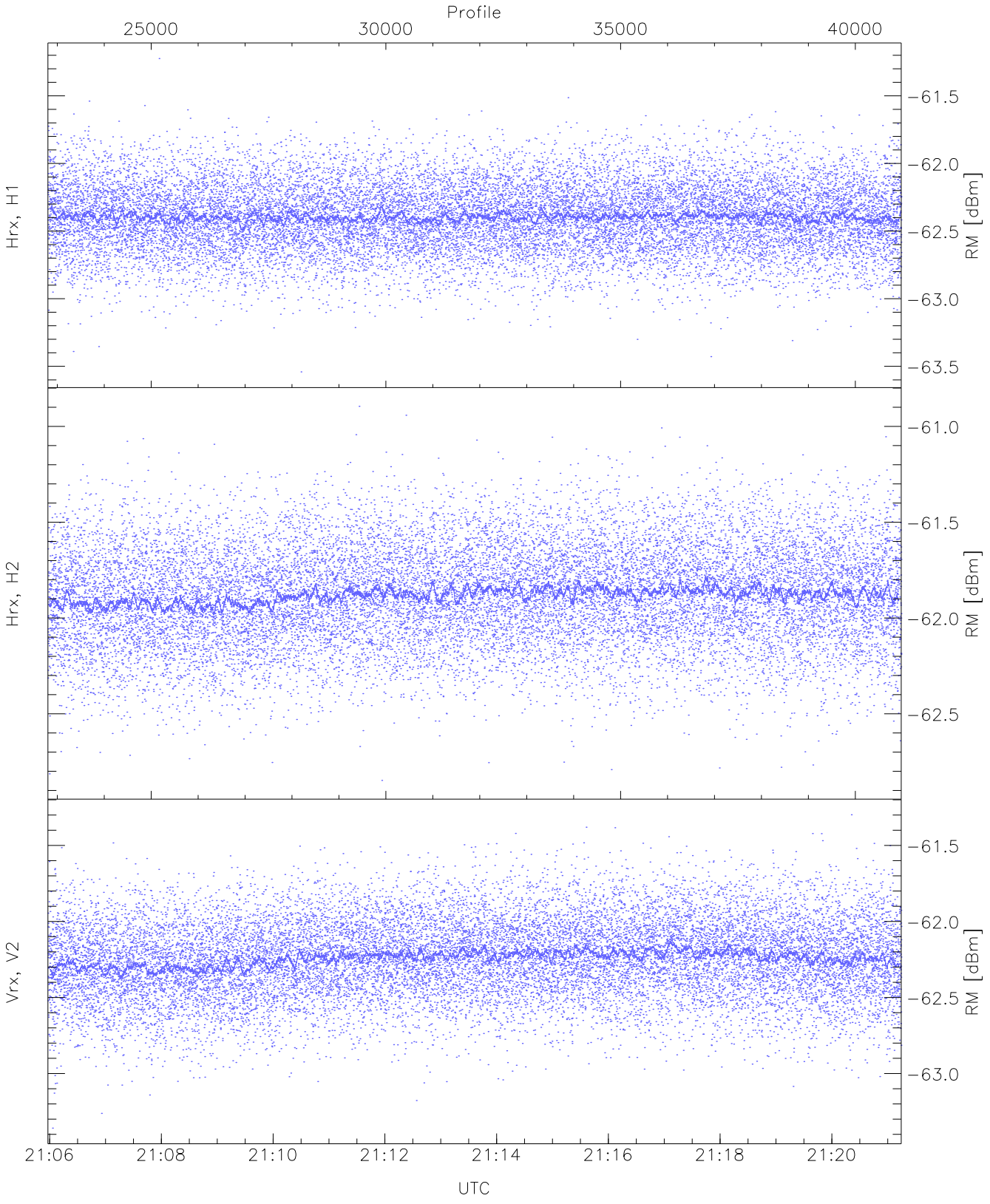
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.88	-61.00	-61.86	-61.87	-74.45
Hrx, H2(WL [dBm])	-62.93	-60.99	-61.86	-61.86	-74.39
Vrx, V2(WL [dBm])	-63.28	-61.28	-62.30	-62.31	-74.86



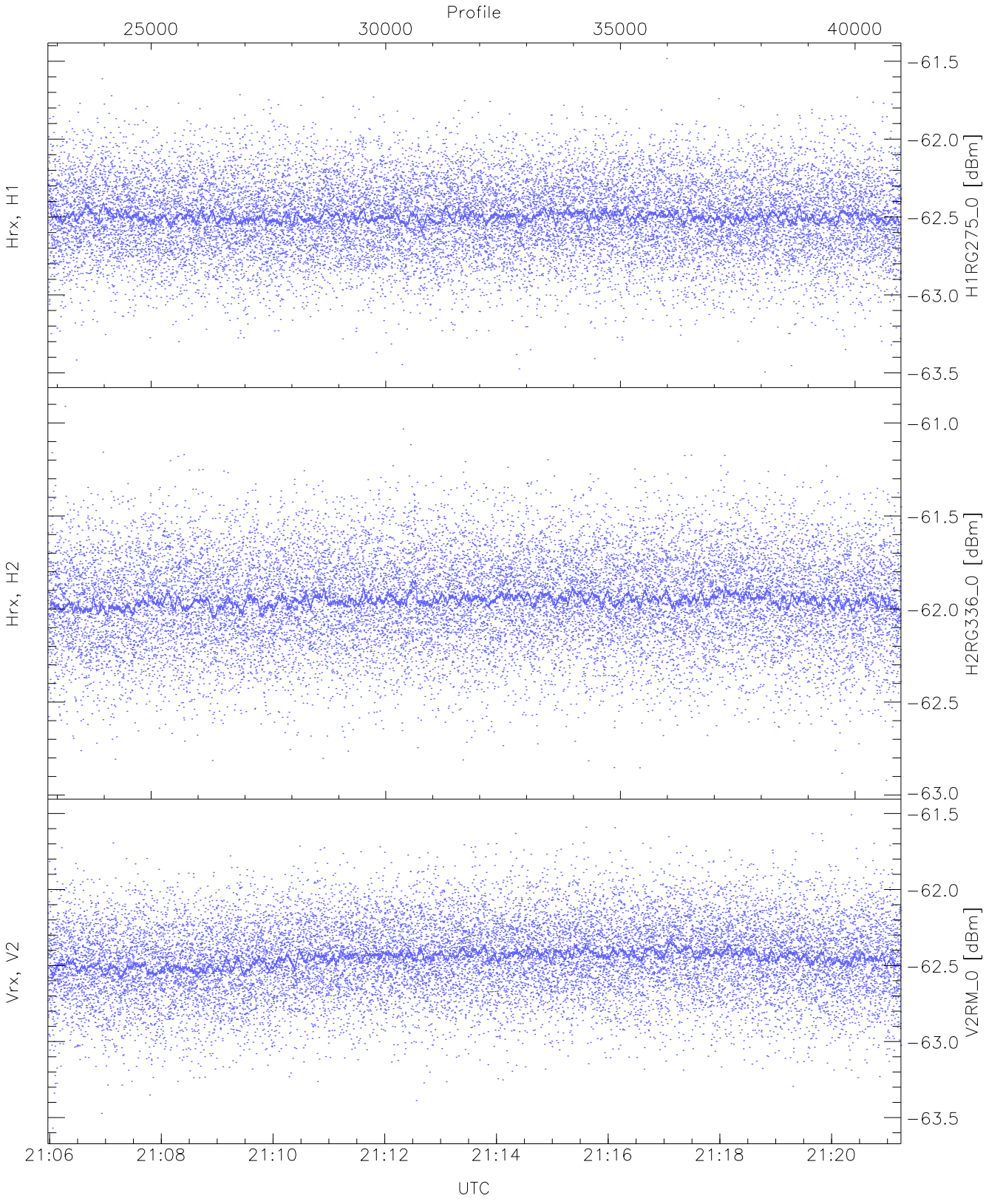
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.58	-60.77	-61.62	-61.63	-74.17
Hrx, H2(HL [dBm])	-62.54	-60.75	-61.62	-61.63	-74.18
Vrx, V2(HL [dBm])	-63.16	-61.18	-62.08	-62.08	-74.57



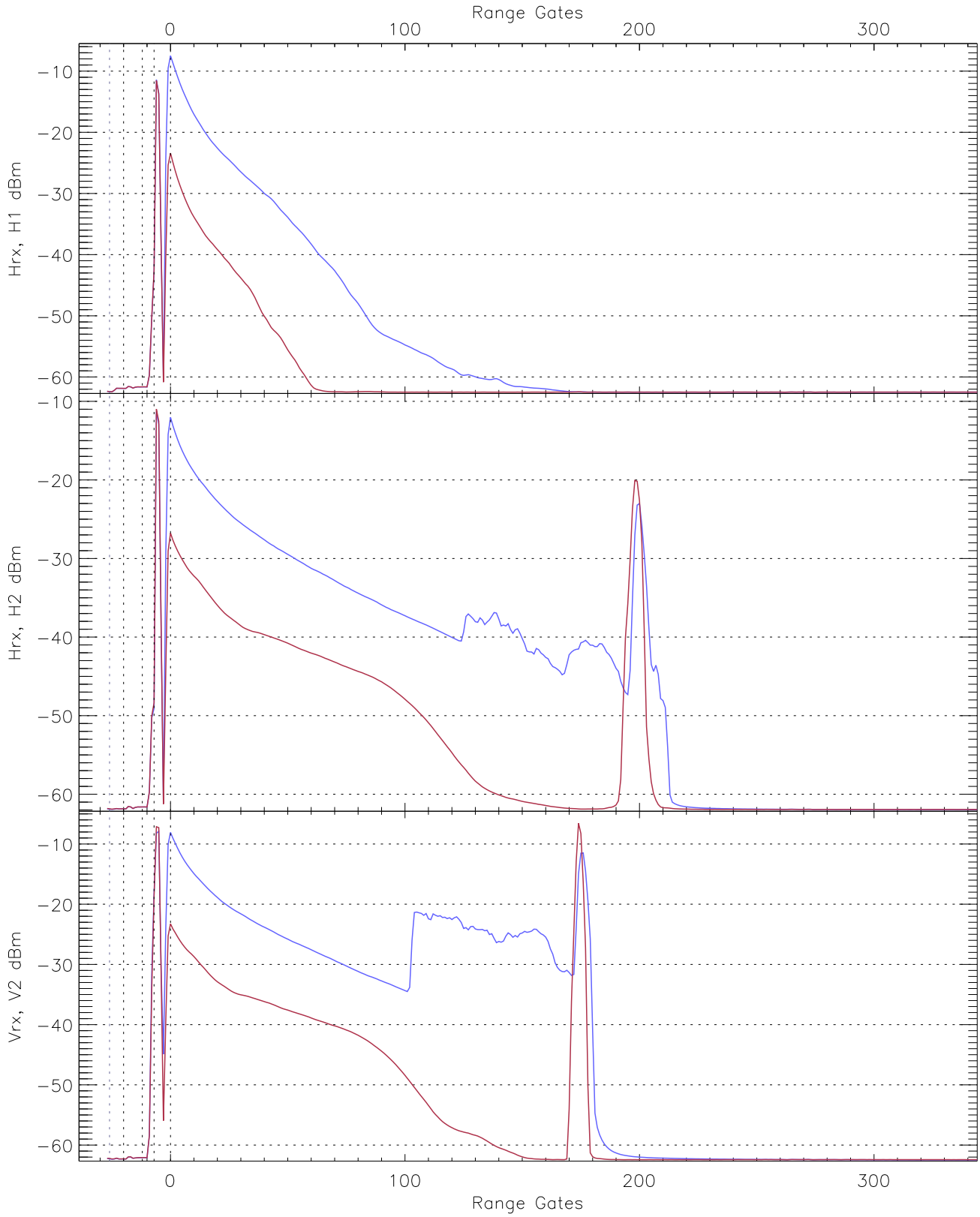
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.54	-61.22	-62.39	-62.40	-74.93
Hrx, H2(RM [dBm])	-62.85	-60.89	-61.88	-61.88	-74.38
Vrx, V2(RM [dBm])	-63.36	-61.30	-62.24	-62.24	-74.73

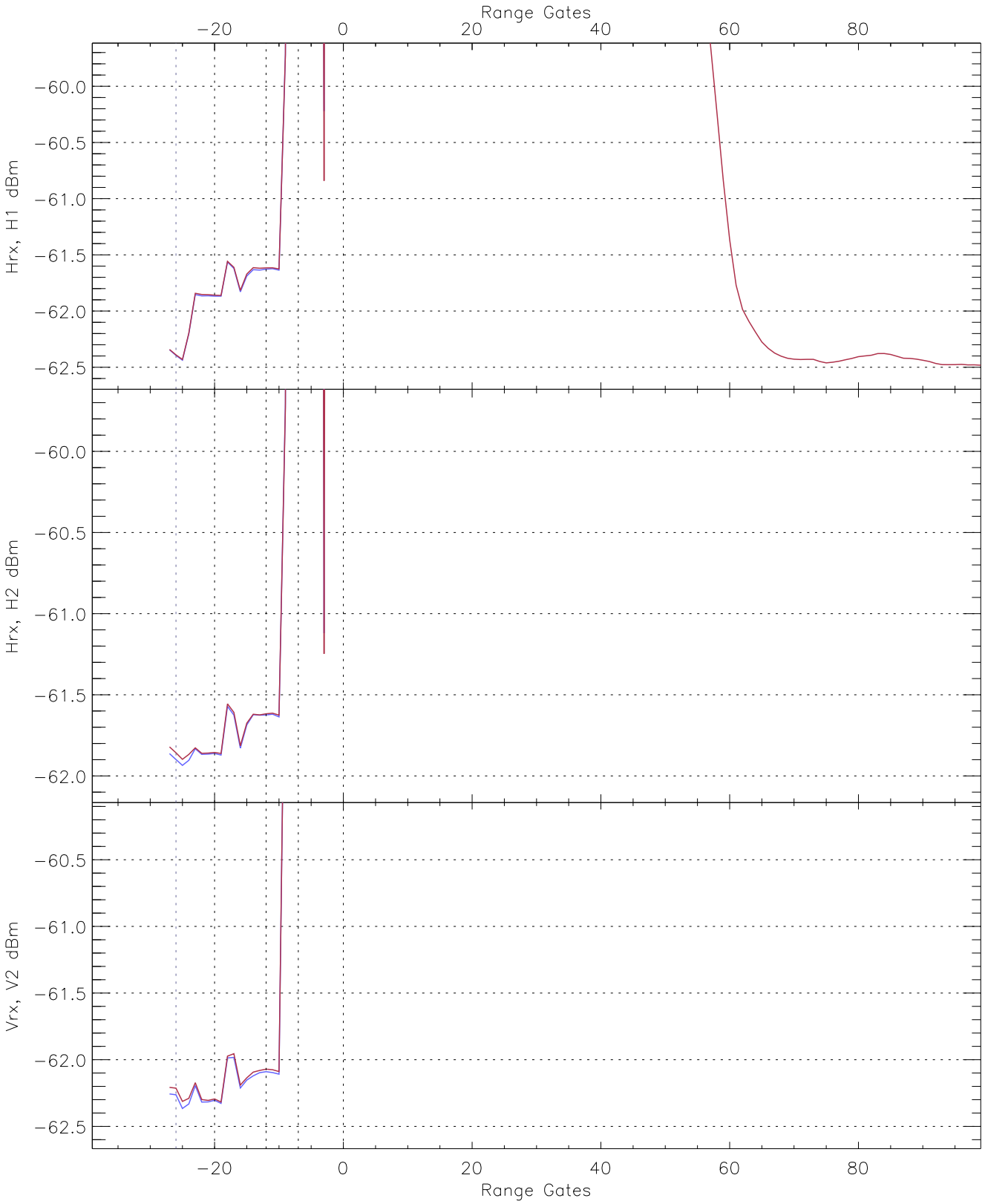


WCR2 CPP "Best" estimate Receivers Noise Power

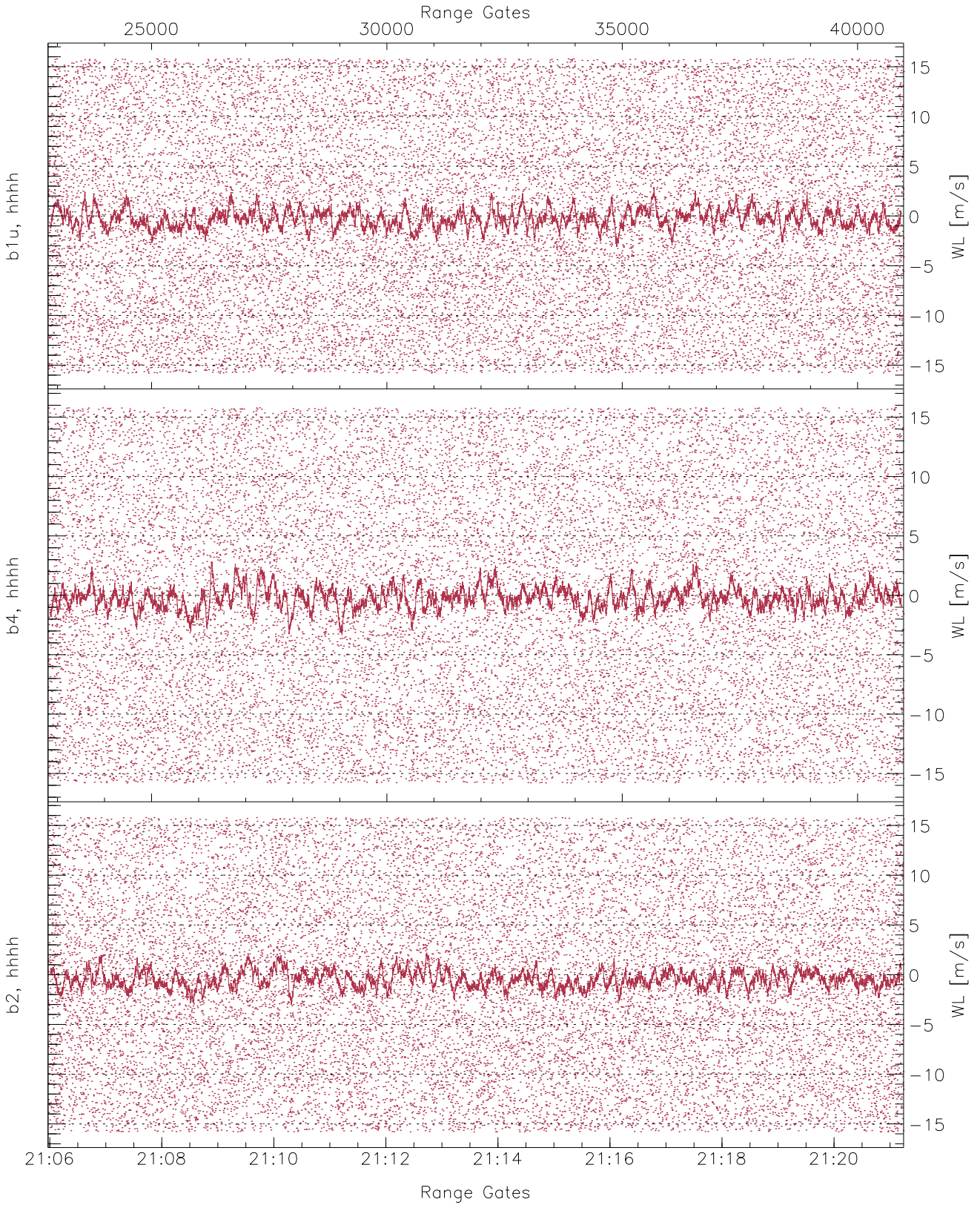
	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.49	-61.48	-62.49	-62.50	-75.05
H2RG336_0 [dBm]	-62.92	-60.91	-61.95	-61.95	-74.48
V2RM_0 [dBm]	-63.57	-61.51	-62.45	-62.45	-74.94



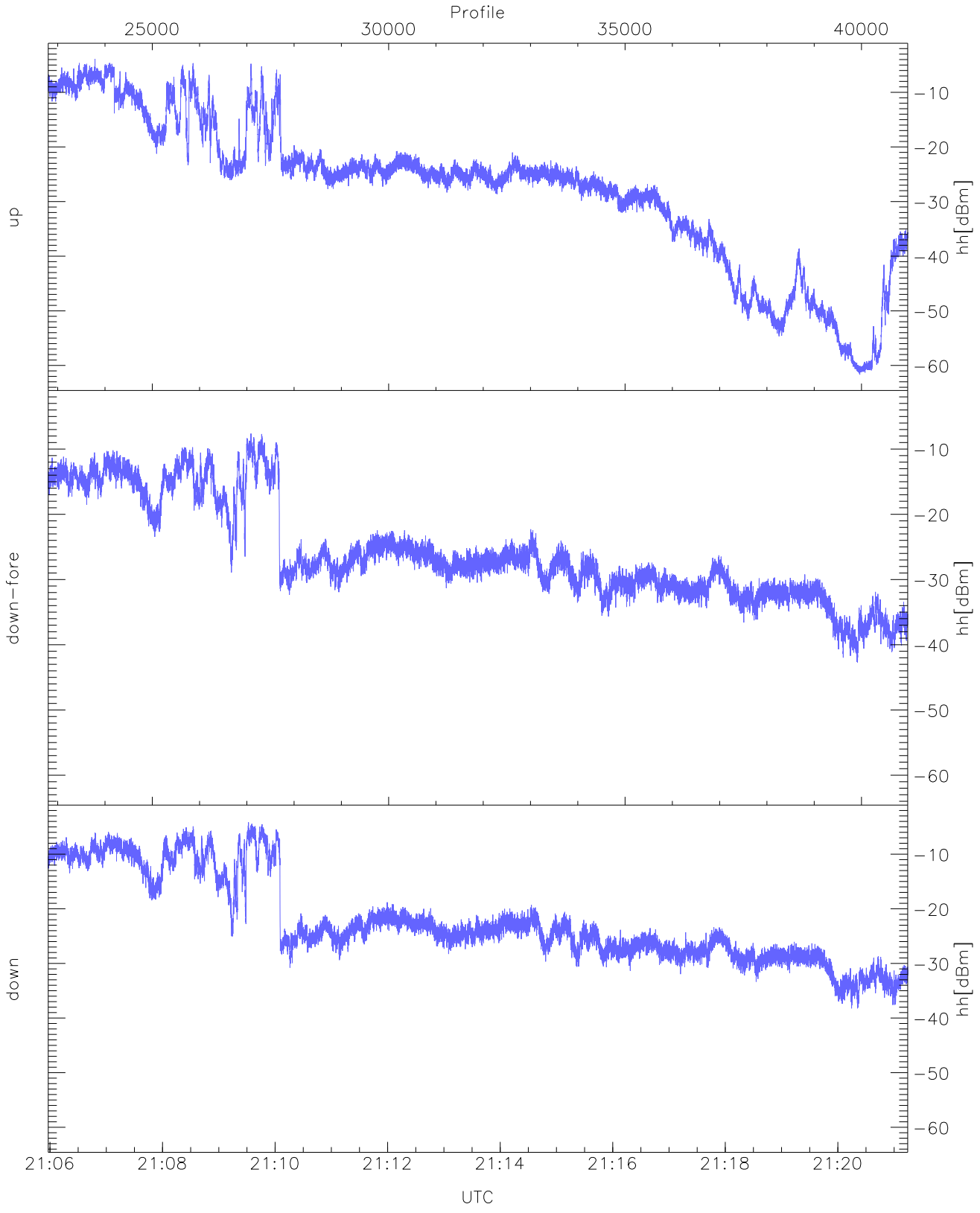
WCR2 CPP Averaged Received power for all recorded gates
blue: 210558-211336, 9090 profiles averaged
red: 211336-212115, 9090 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 210558-211336, 9090 profiles averaged
red: 211336-212115, 9090 profiles averaged

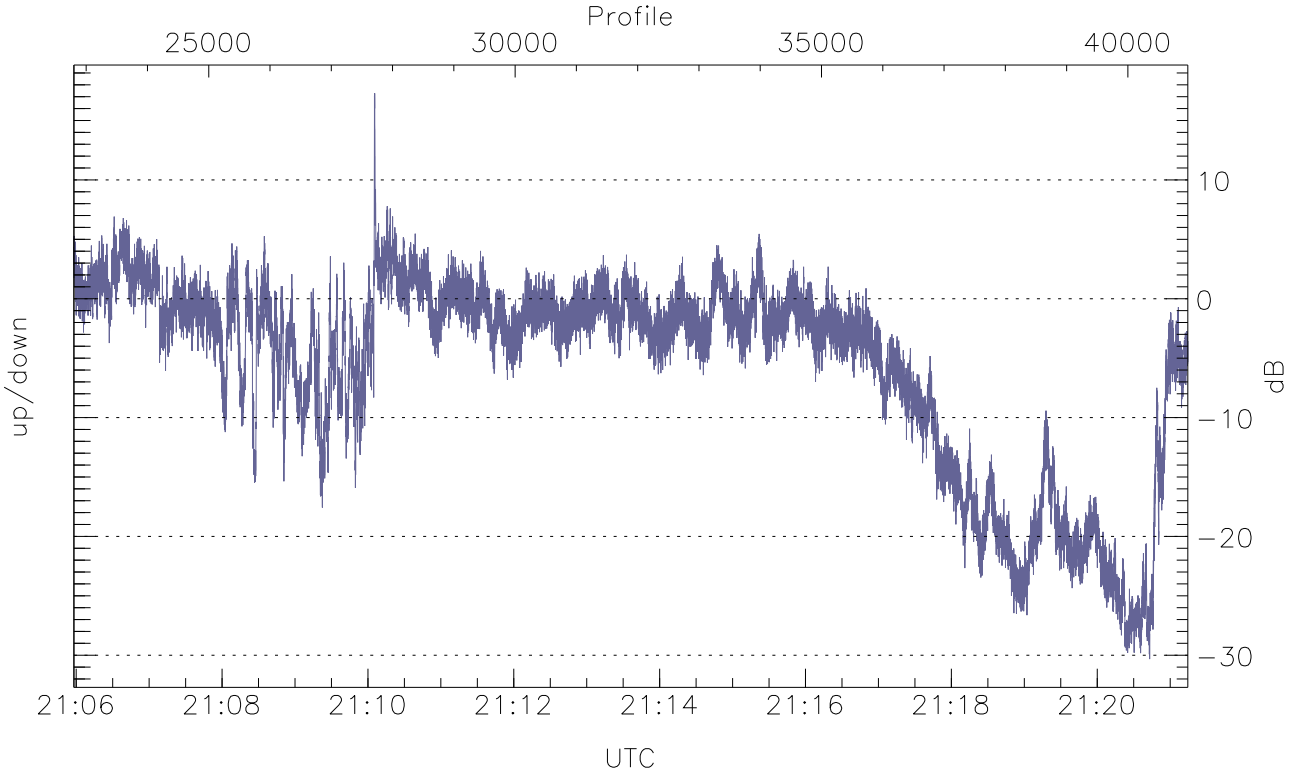


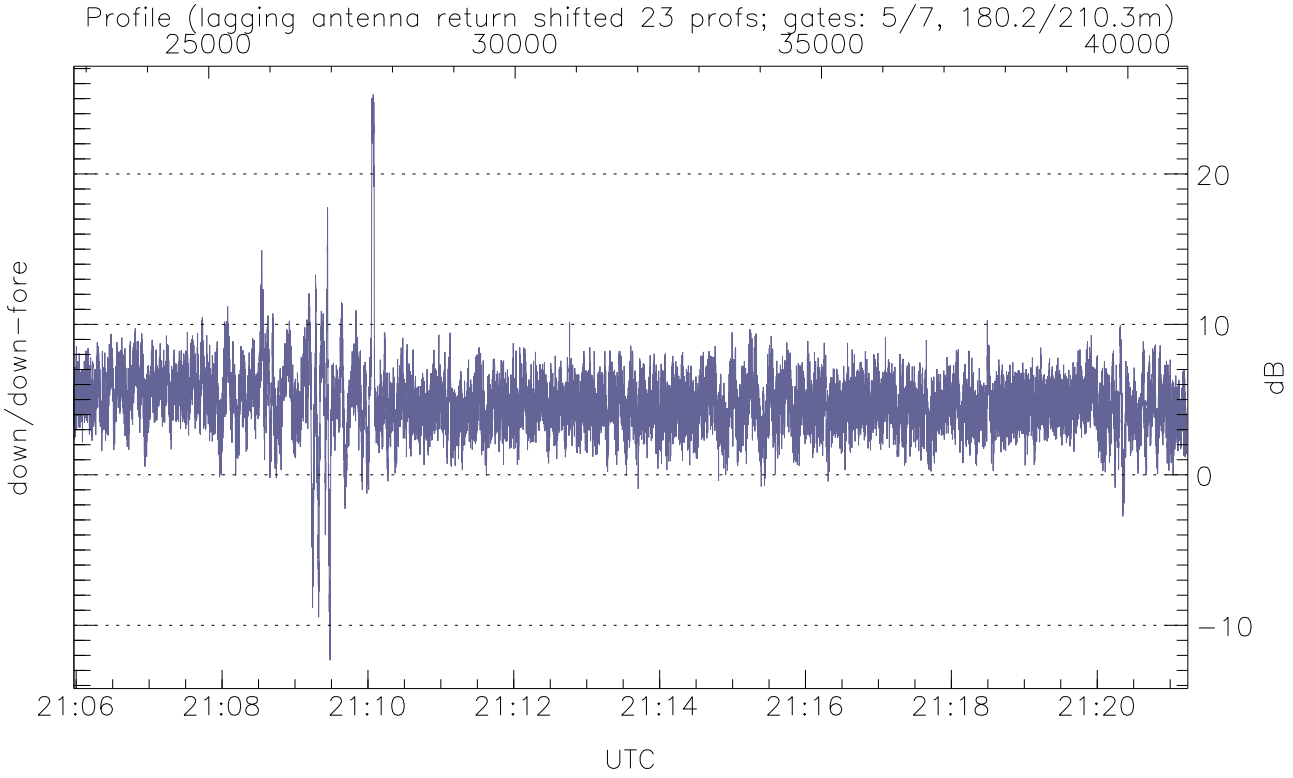
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

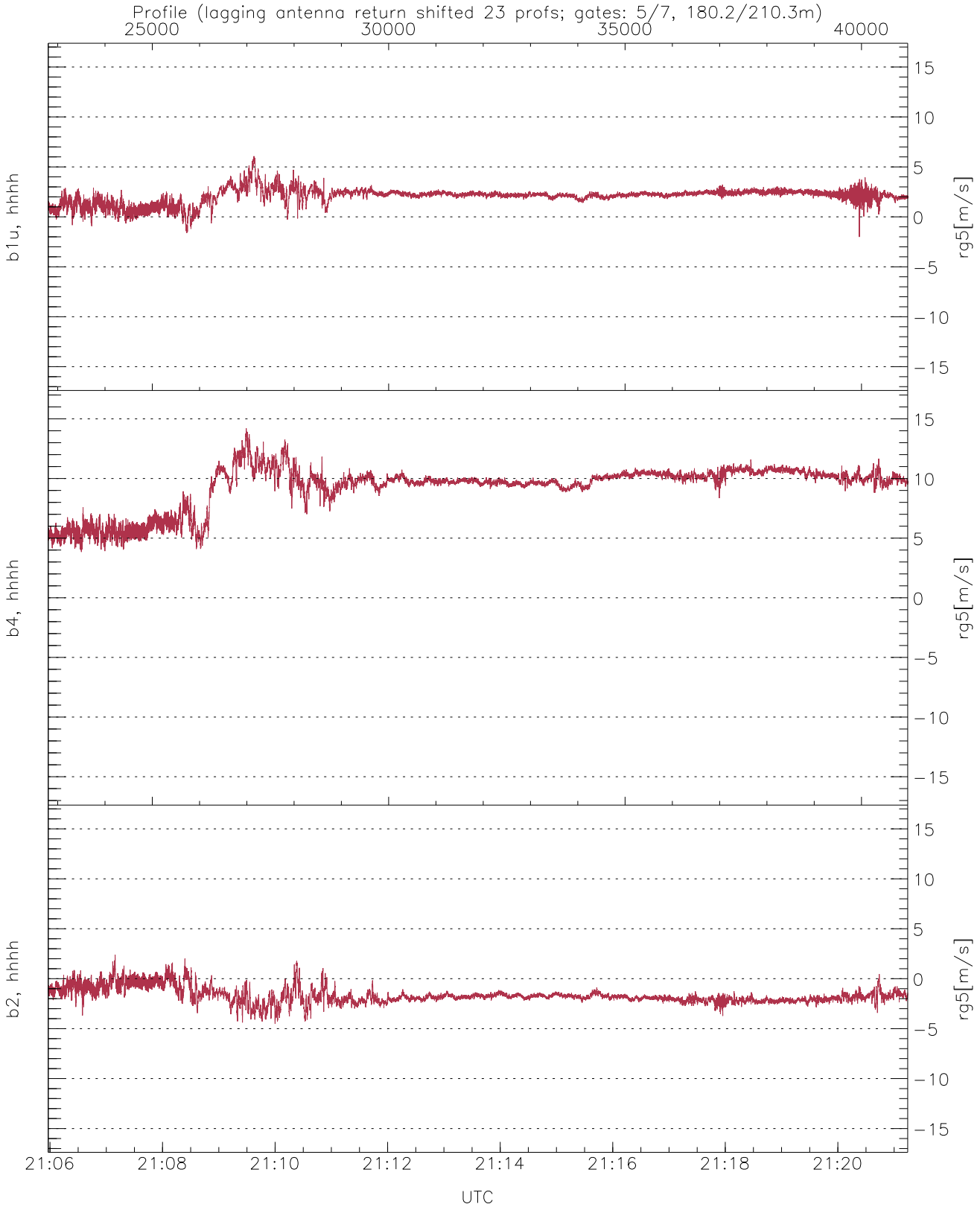
	Min	Max	Mean
up(hh[dBm])	-61.69	-3.90	-15.86
down-fore(hh[dBm])	-42.70	-7.61	-19.11
down(hh[dBm])	-38.24	-4.18	-15.01





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

	Min	Max	Mean
up/down(dB)	-30.32	17.29	-5.68
down/down-fore(dB)	-12.33	25.28	4.77



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.01	6.07	2.07	0.77
b4, hhhh(rg5[m/s])	3.84	14.22	9.28	1.83
b2, hhhh(rg5[m/s])	-4.51	2.38	-1.69	0.77