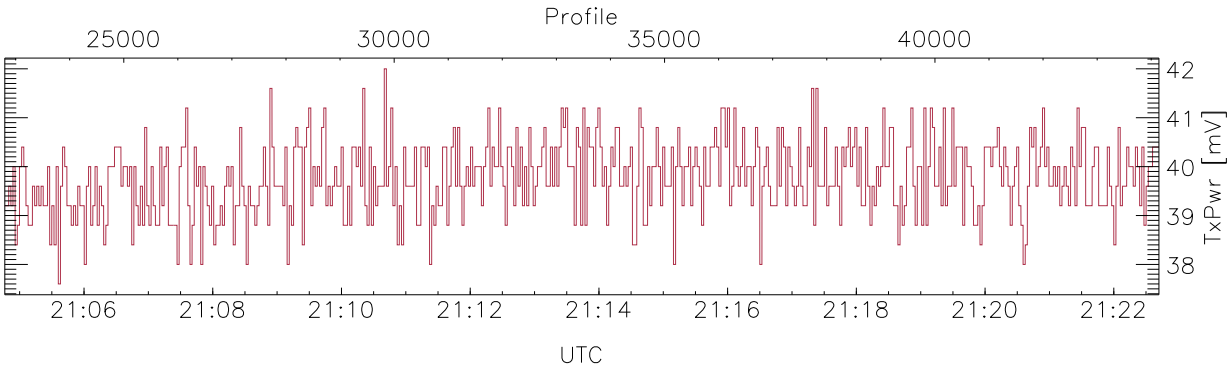
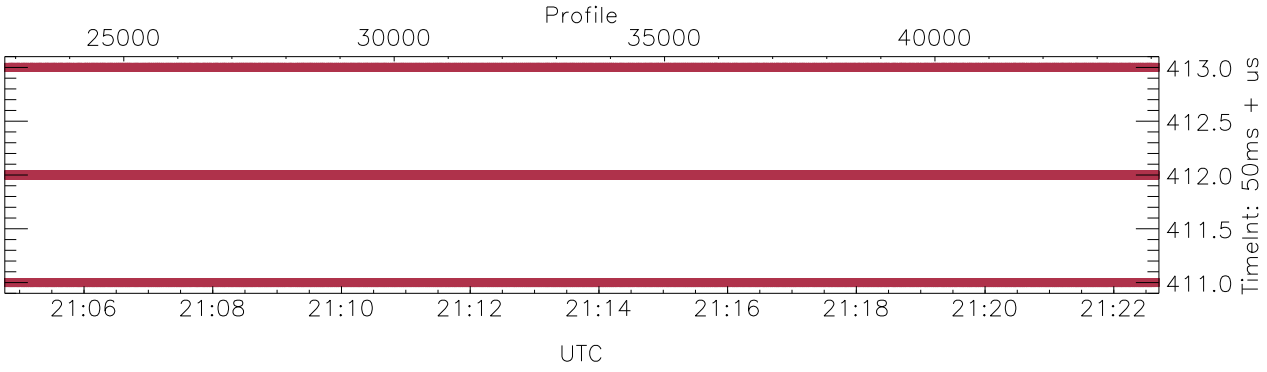
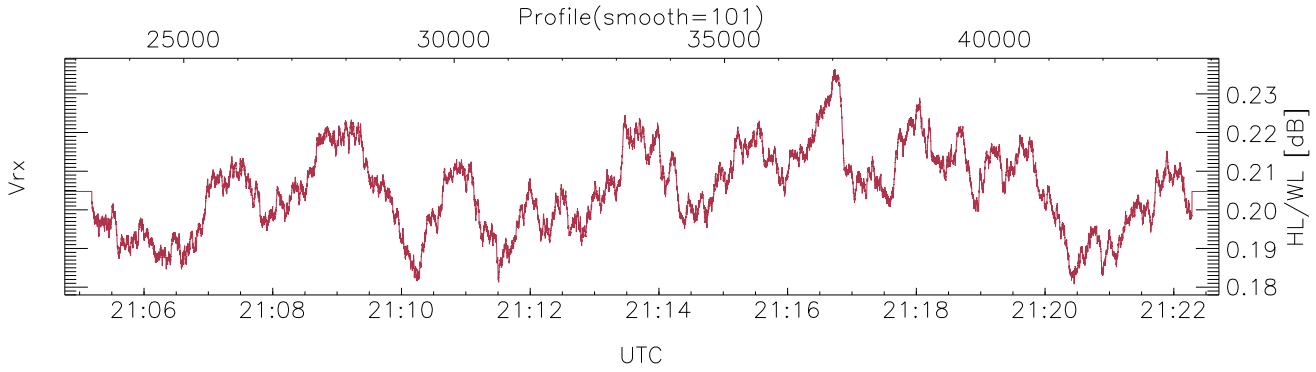
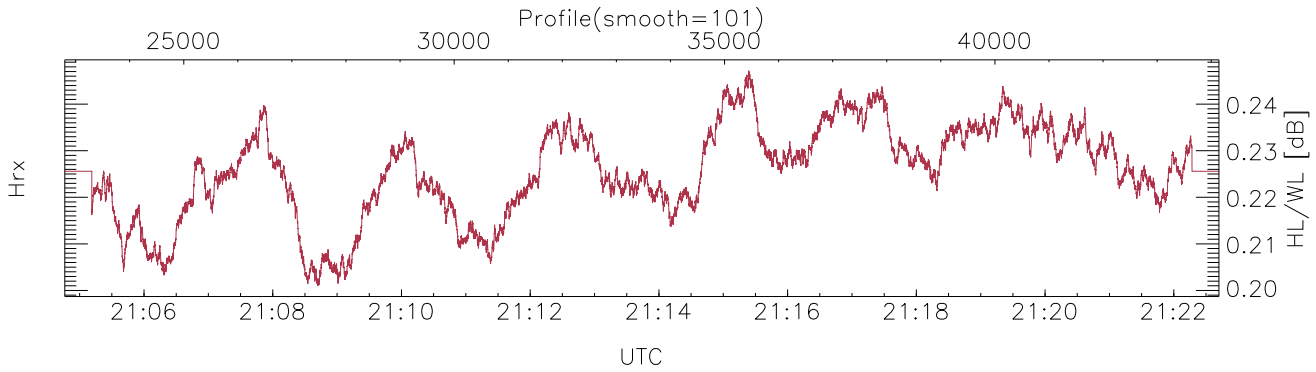


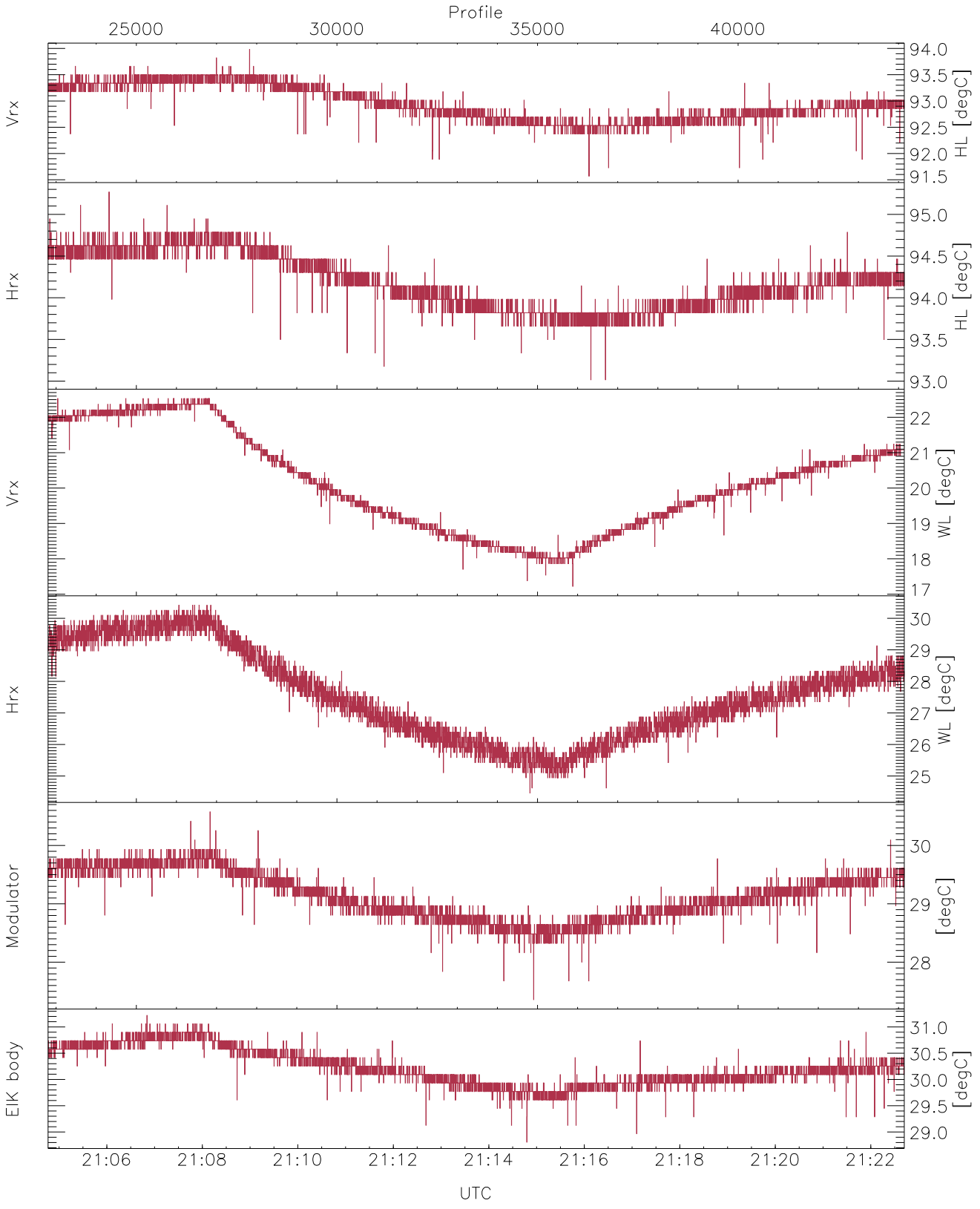






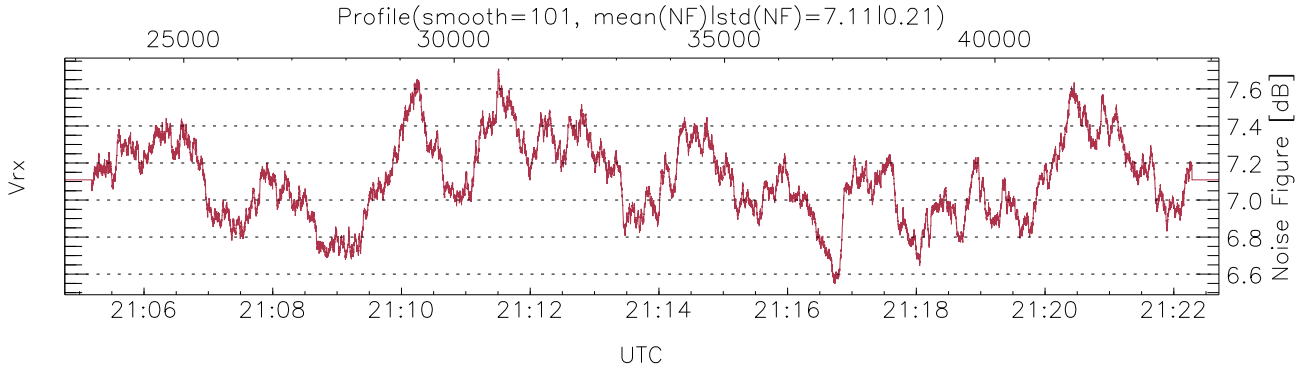
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

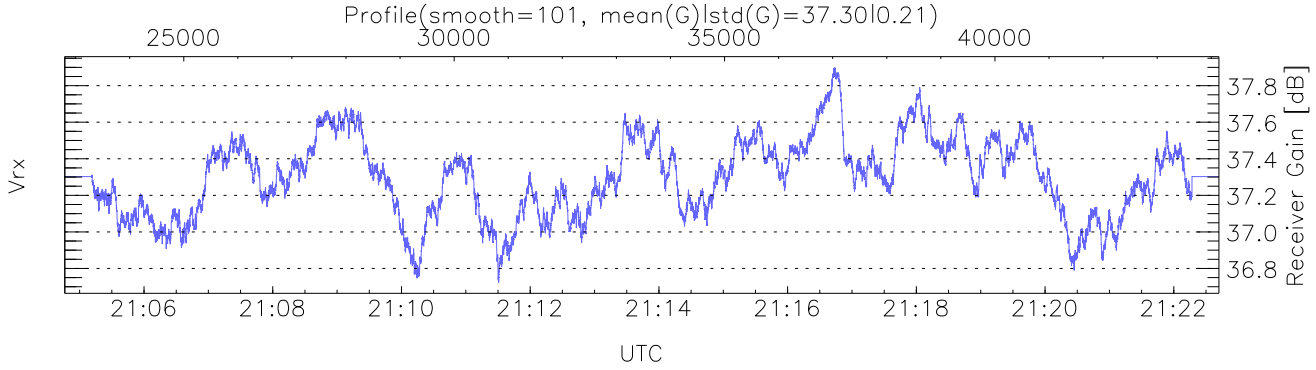
UTC: 20:45:37-21:22:42, Dur: 2225.36s
TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
NumRec(r/t): 21344/44144, 22800-44143/21:04:46-21:22:42
AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
PRF: 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

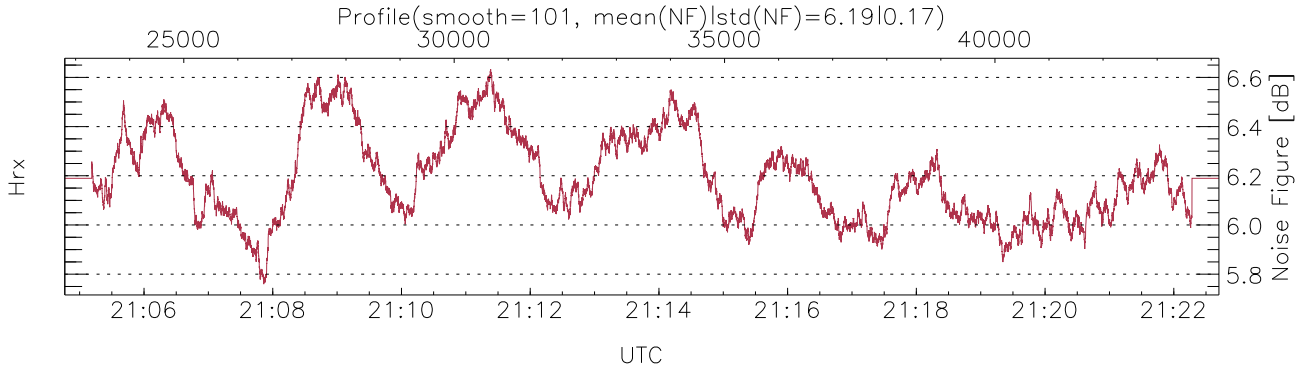


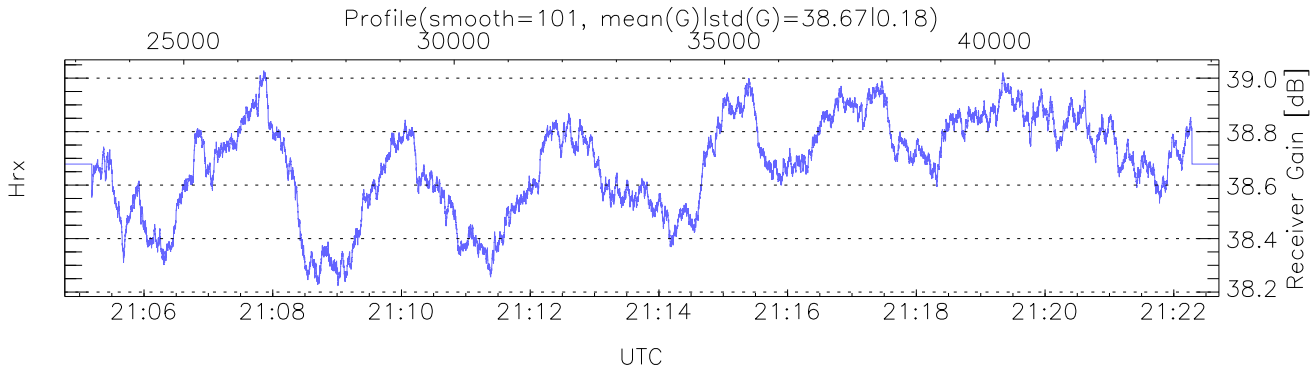
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,24,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,30,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,5,5,5)



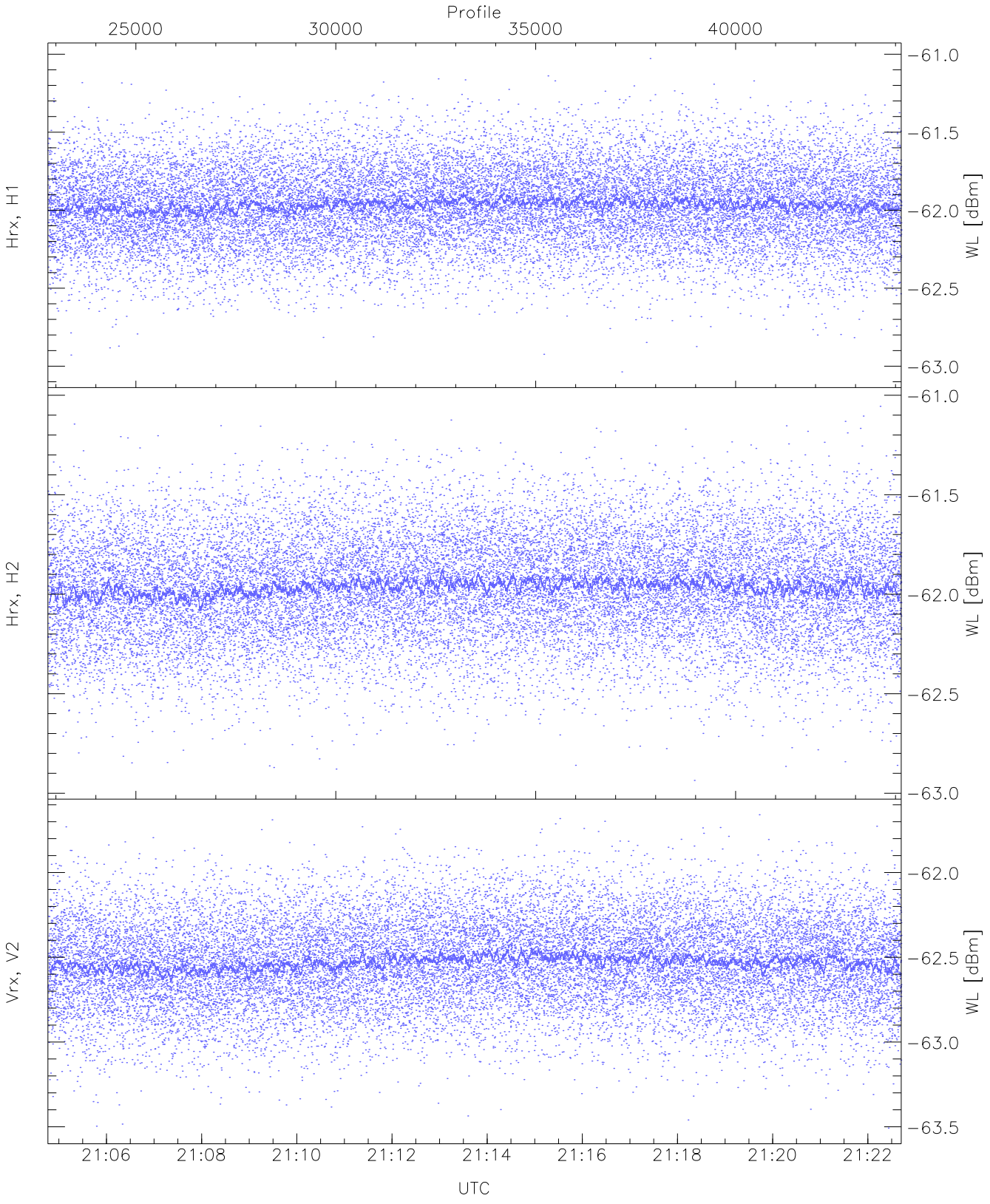






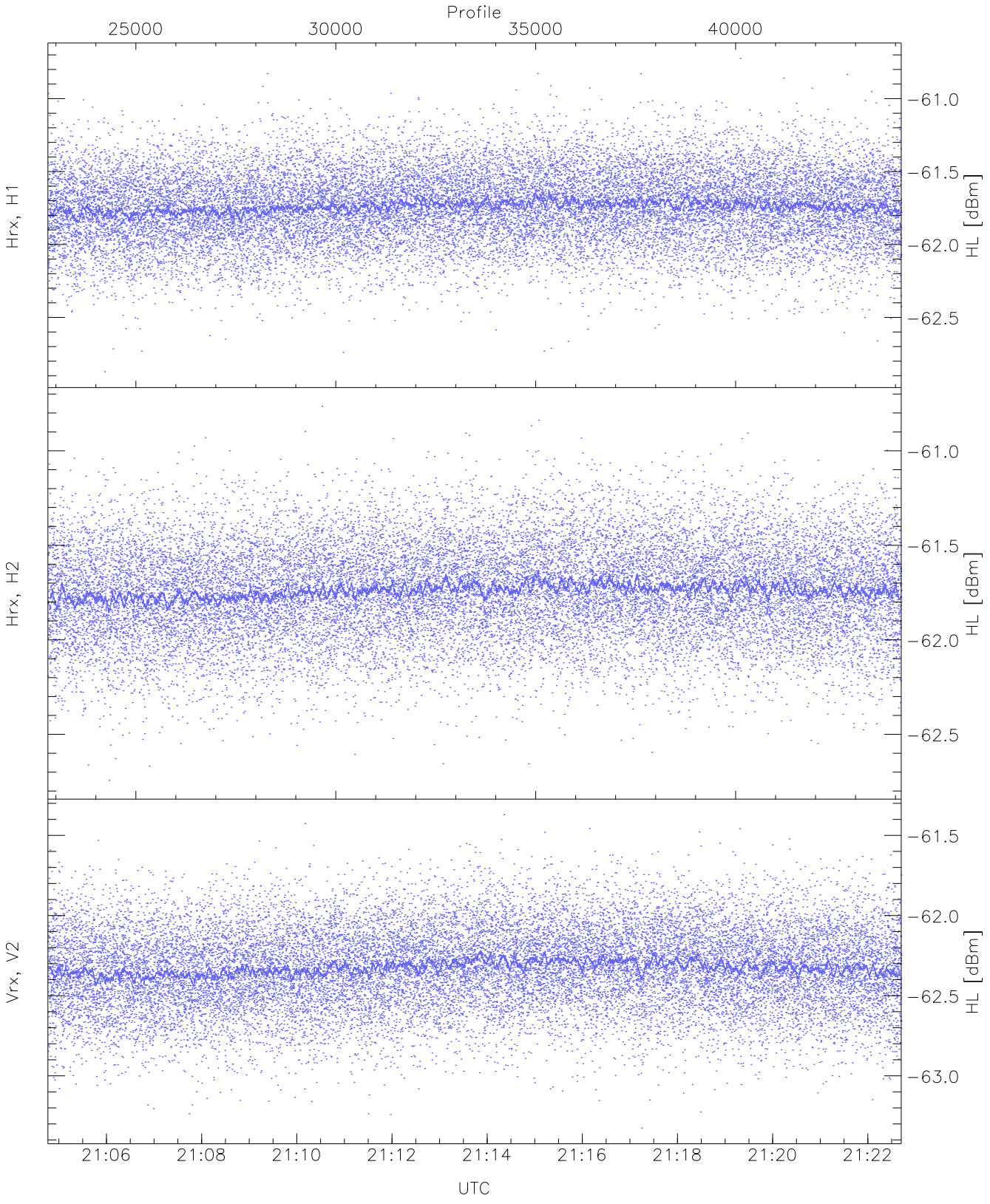
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4100 pixs, 29 gates, 4097 profs, 2 prods



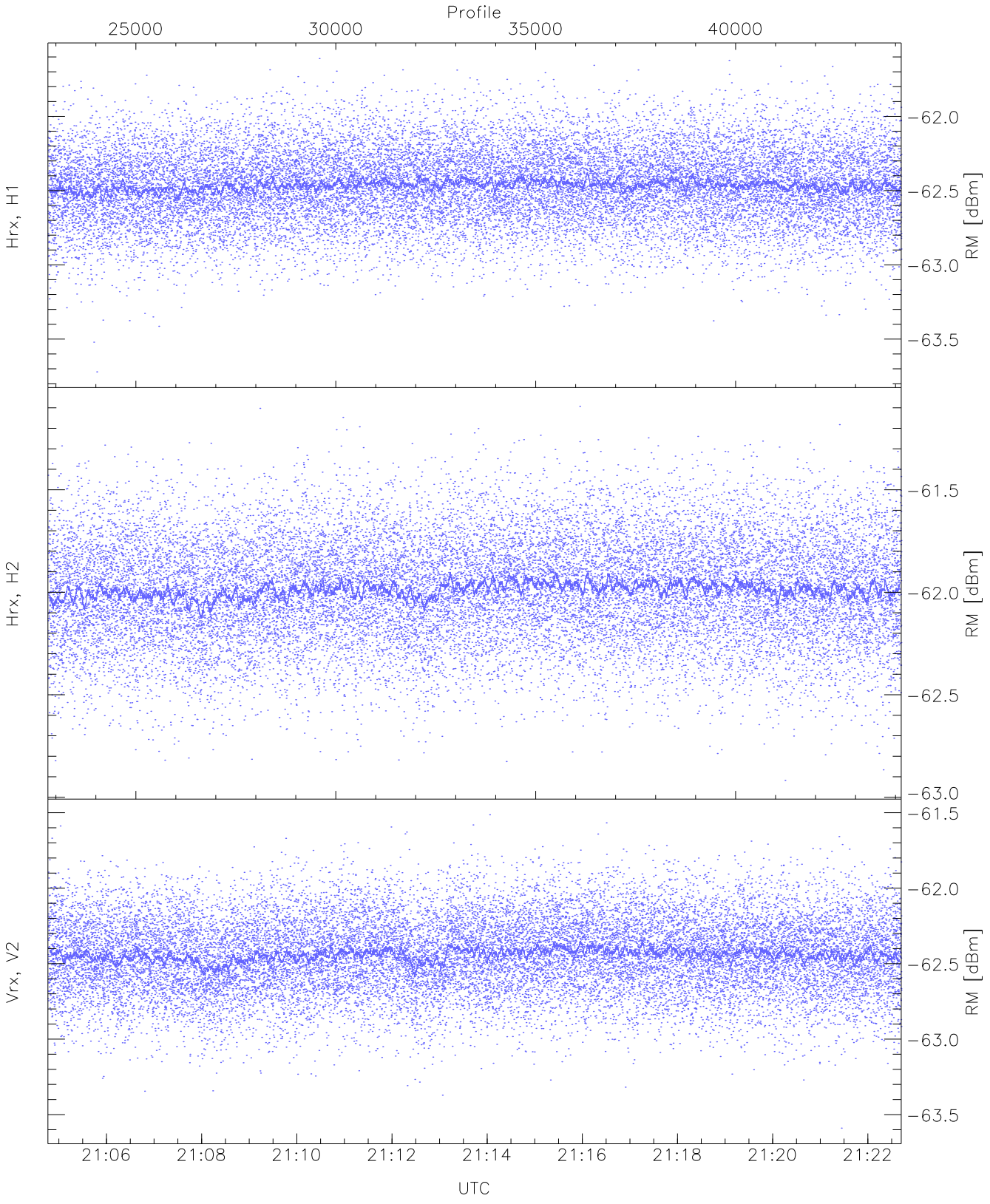
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.04	-61.03	-61.96	-61.97	-74.56
Hrx, H2(WL [dBm])	-62.94	-61.06	-61.96	-61.96	-74.51
Vrx, V2(WL [dBm])	-63.51	-61.66	-62.53	-62.53	-75.09



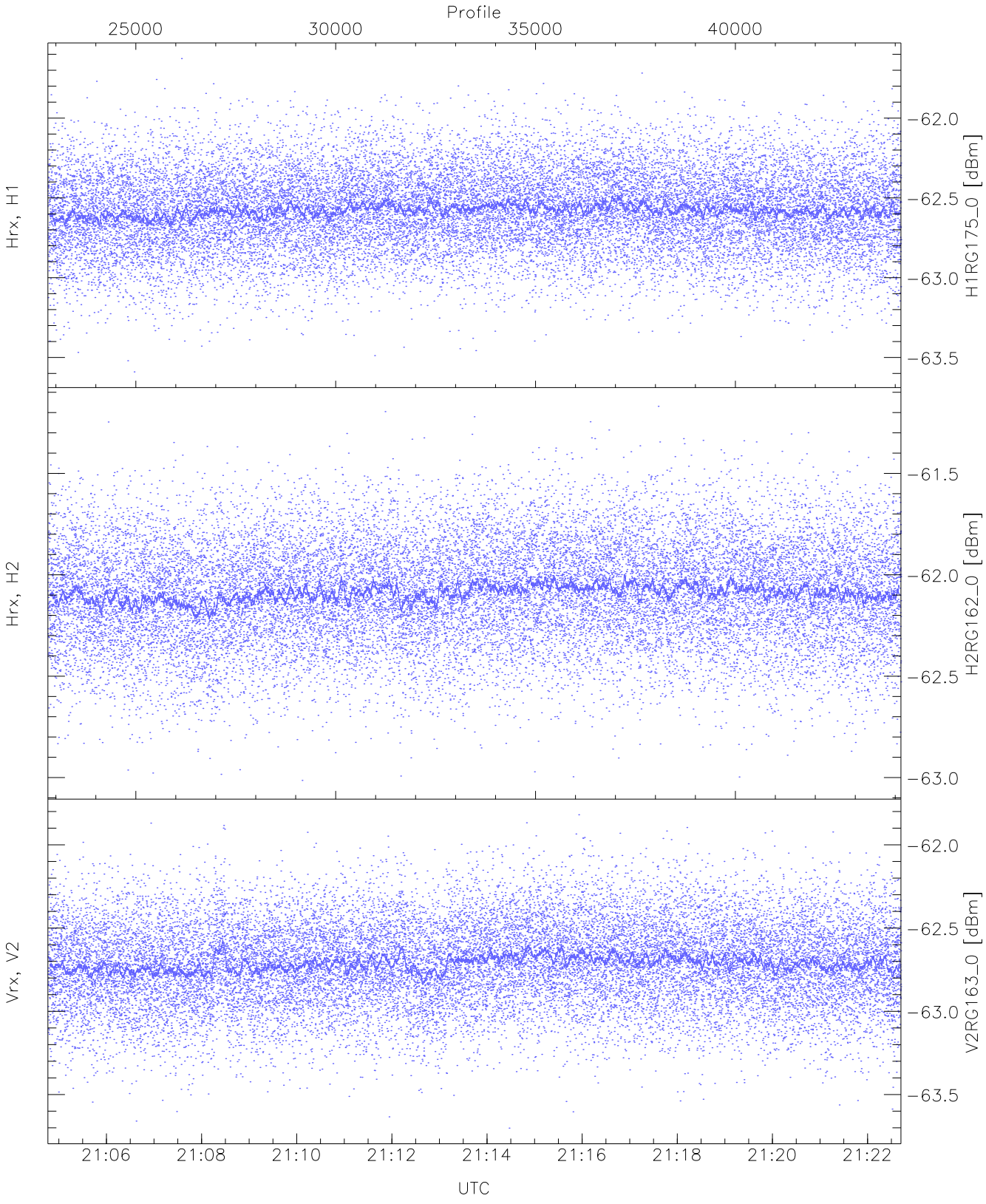
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.87	-60.73	-61.74	-61.74	-74.32
Hrx, H2(HL [dBm])	-62.74	-60.76	-61.74	-61.74	-74.32
Vrx, V2(HL [dBm])	-63.33	-61.37	-62.32	-62.33	-74.85



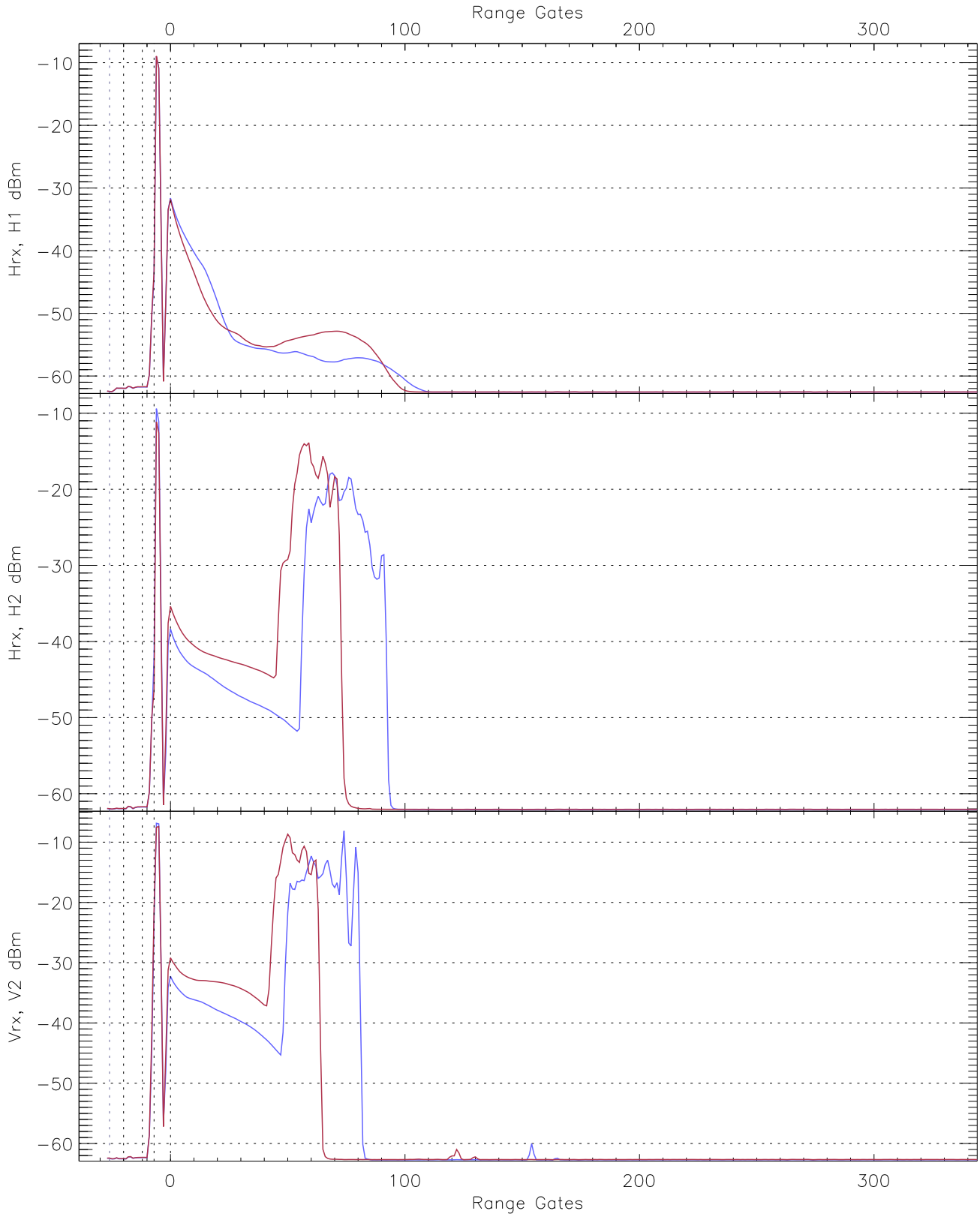
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.72	-61.61	-62.46	-62.47	-75.03
Hrx, H2(RM [dBm])	-62.92	-61.09	-61.98	-61.99	-74.54
Vrx, V2(RM [dBm])	-63.59	-61.51	-62.44	-62.44	-74.99

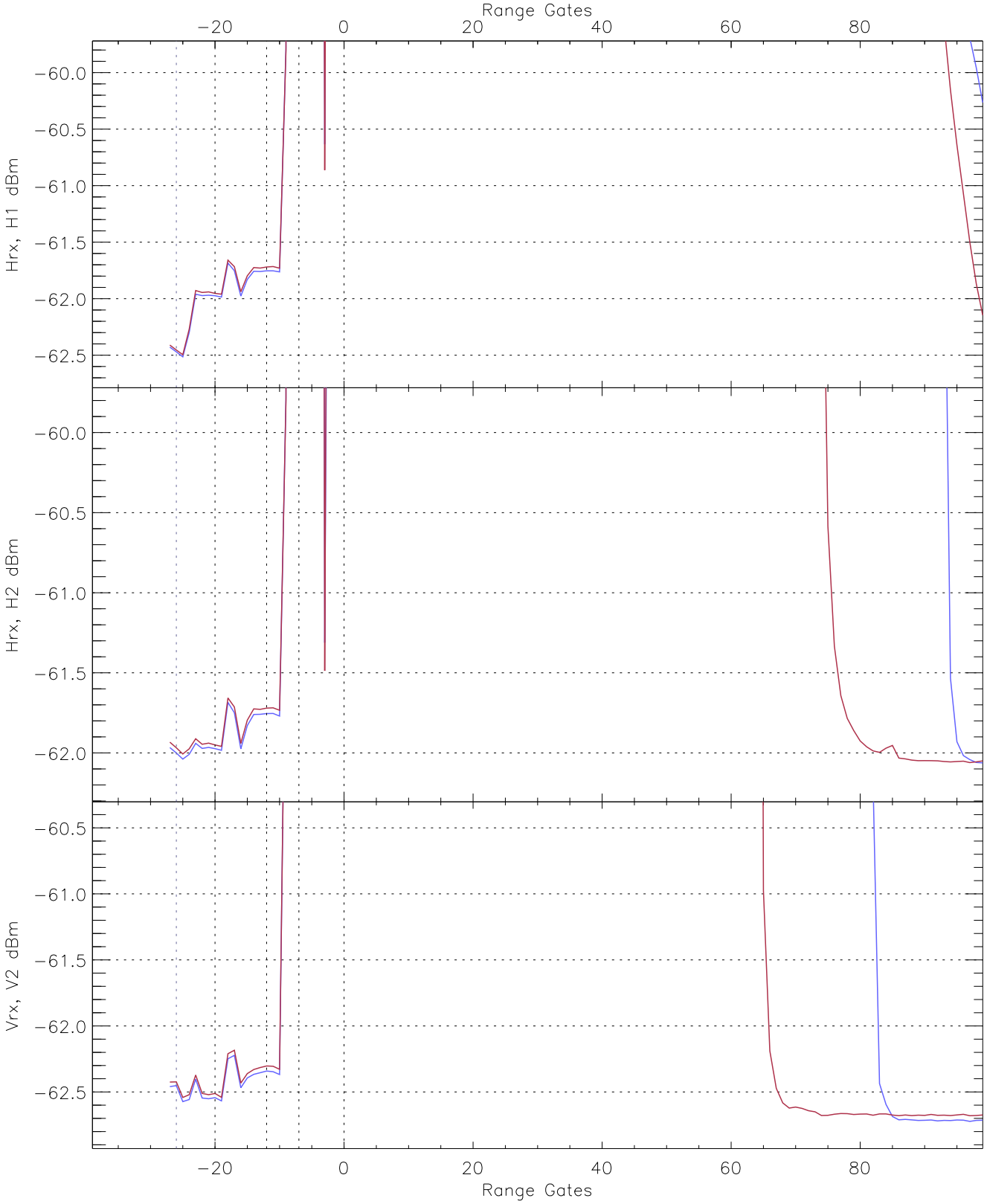


WCR2 CPP "Best" estimate Receivers Noise Power

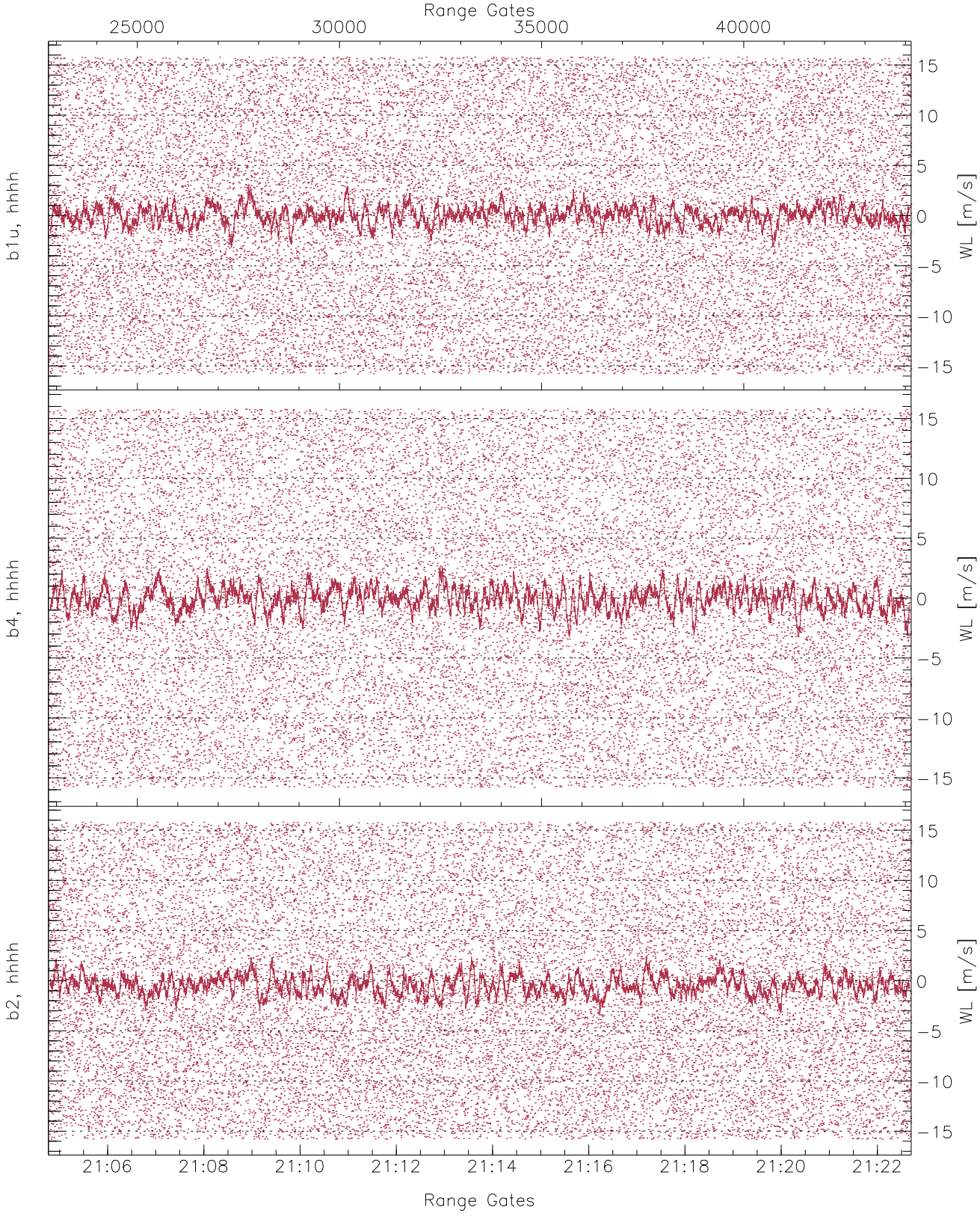
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.59	-61.63	-62.58	-62.58	-75.14
H2RG162_0 [dBm]	-63.01	-61.17	-62.09	-62.09	-74.63
V2RG163_0 [dBm]	-63.70	-61.82	-62.71	-62.71	-75.22



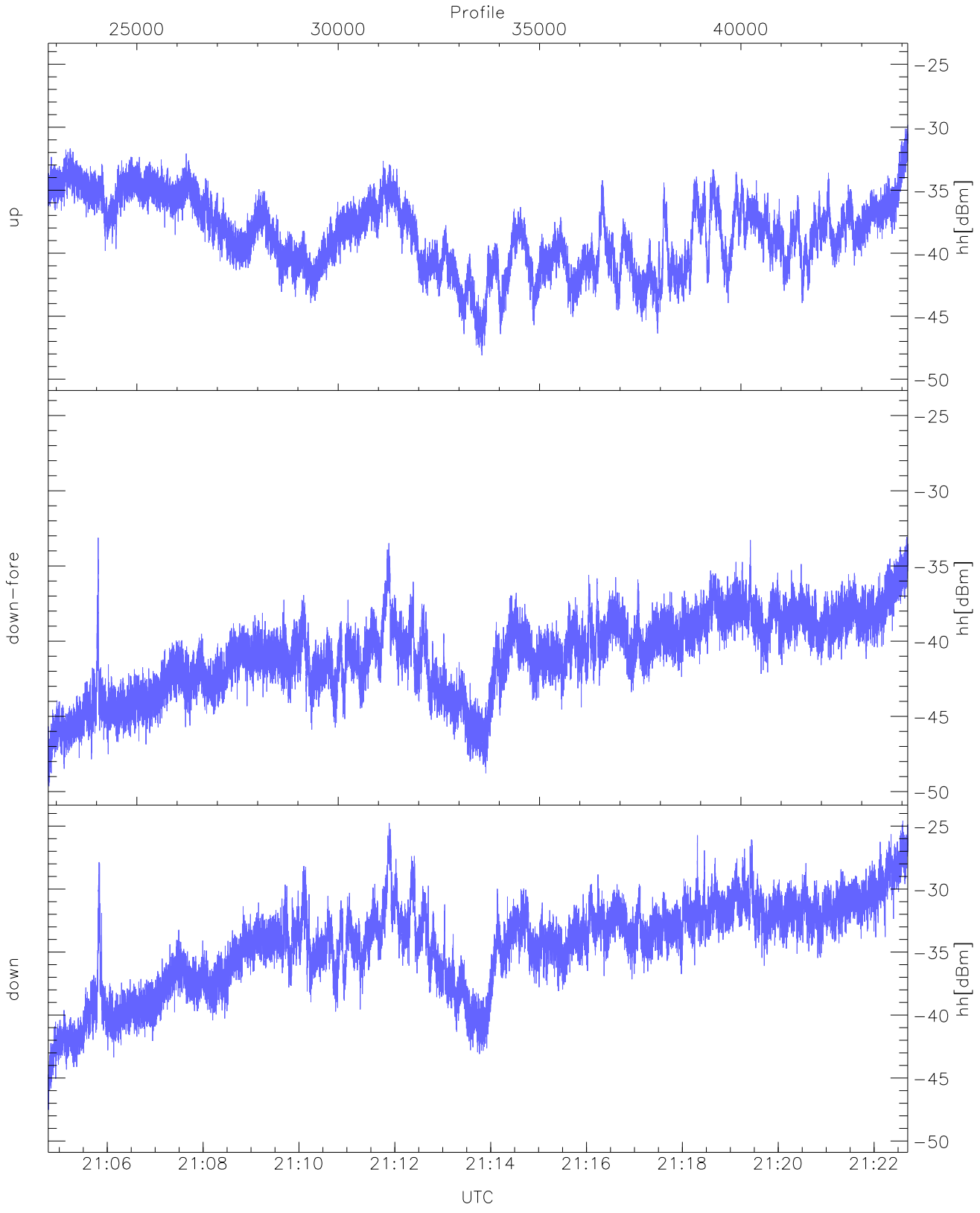
WCR2 CPP Averaged Received power for all recorded gates
blue: 210446-211344, 10673 profiles averaged
red: 211344-212242, 10672 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gate
blue: 210446-211344, 10673 profiles averaged
red: 211344-212242, 10672 profiles averaged

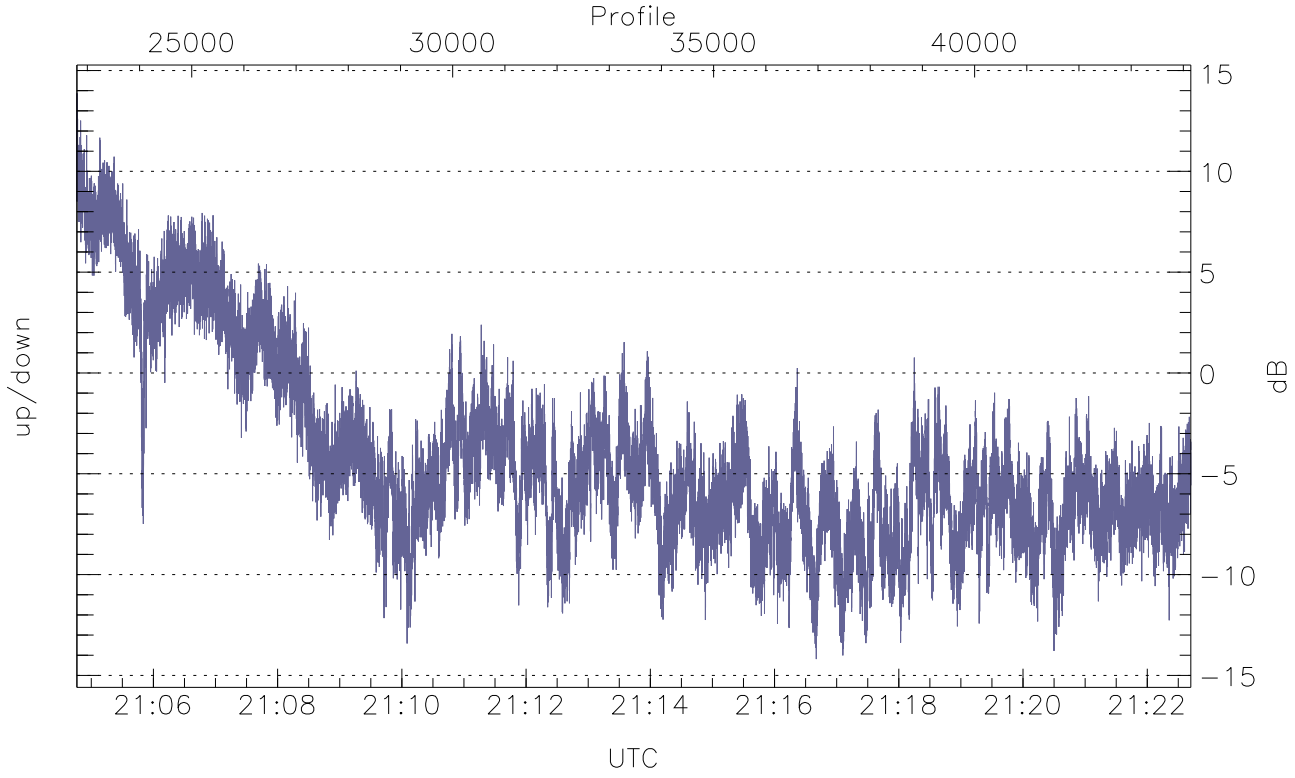


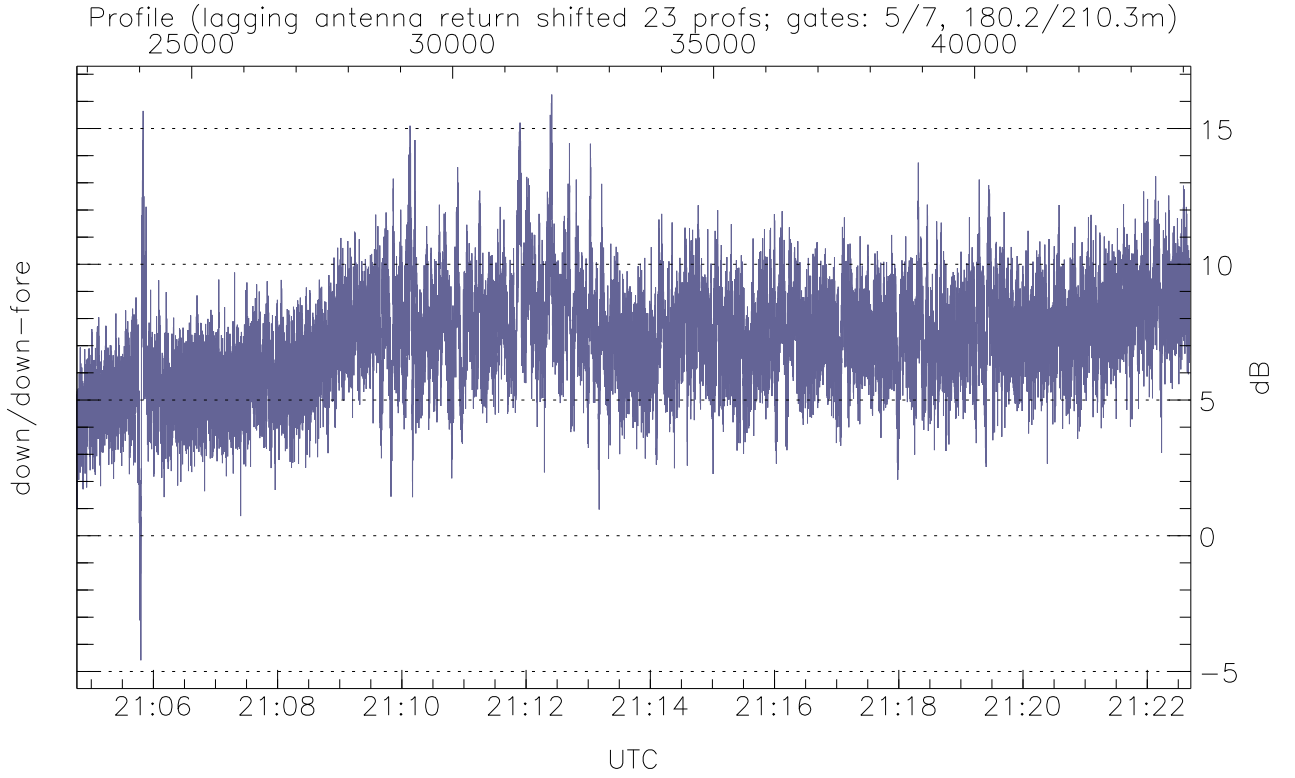
WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



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

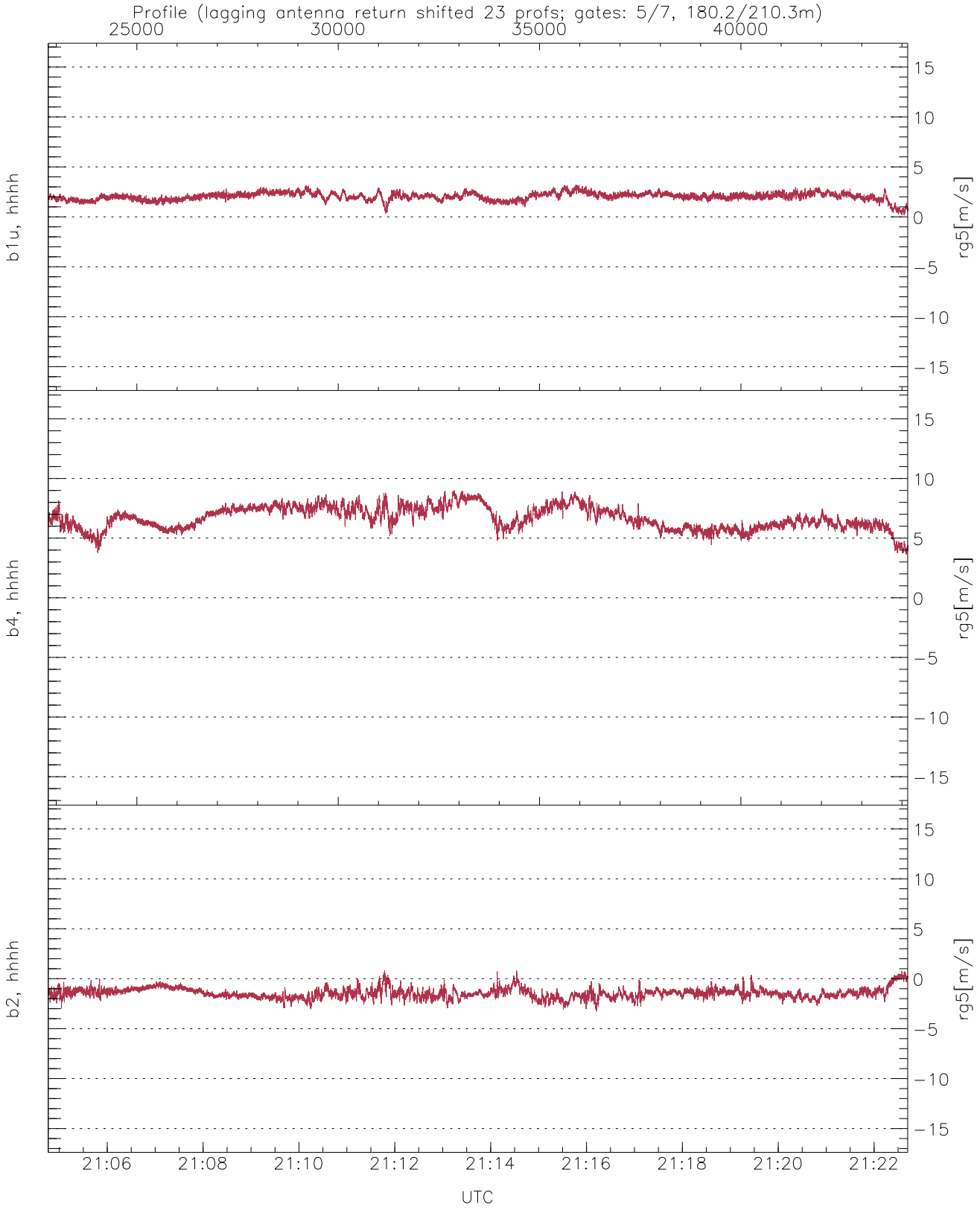
	Min	Max	Mean
up(hh[dBm])	-48.11	-29.81	-37.59
down-fore(hh[dBm])	-49.64	-33.09	-40.09
down(hh[dBm])	-47.52	-24.59	-33.17





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

	Min	Max	Mean
up/down(dB)	-14.19	13.87	-4.09
down/down-fore(dB)	-4.59	16.25	7.22



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.17	3.21	2.03	0.39
b4, hhhh(rg5[m/s])	3.64	9.00	6.68	0.94
b2, hhhh(rg5[m/s])	-3.28	0.85	-1.45	0.52