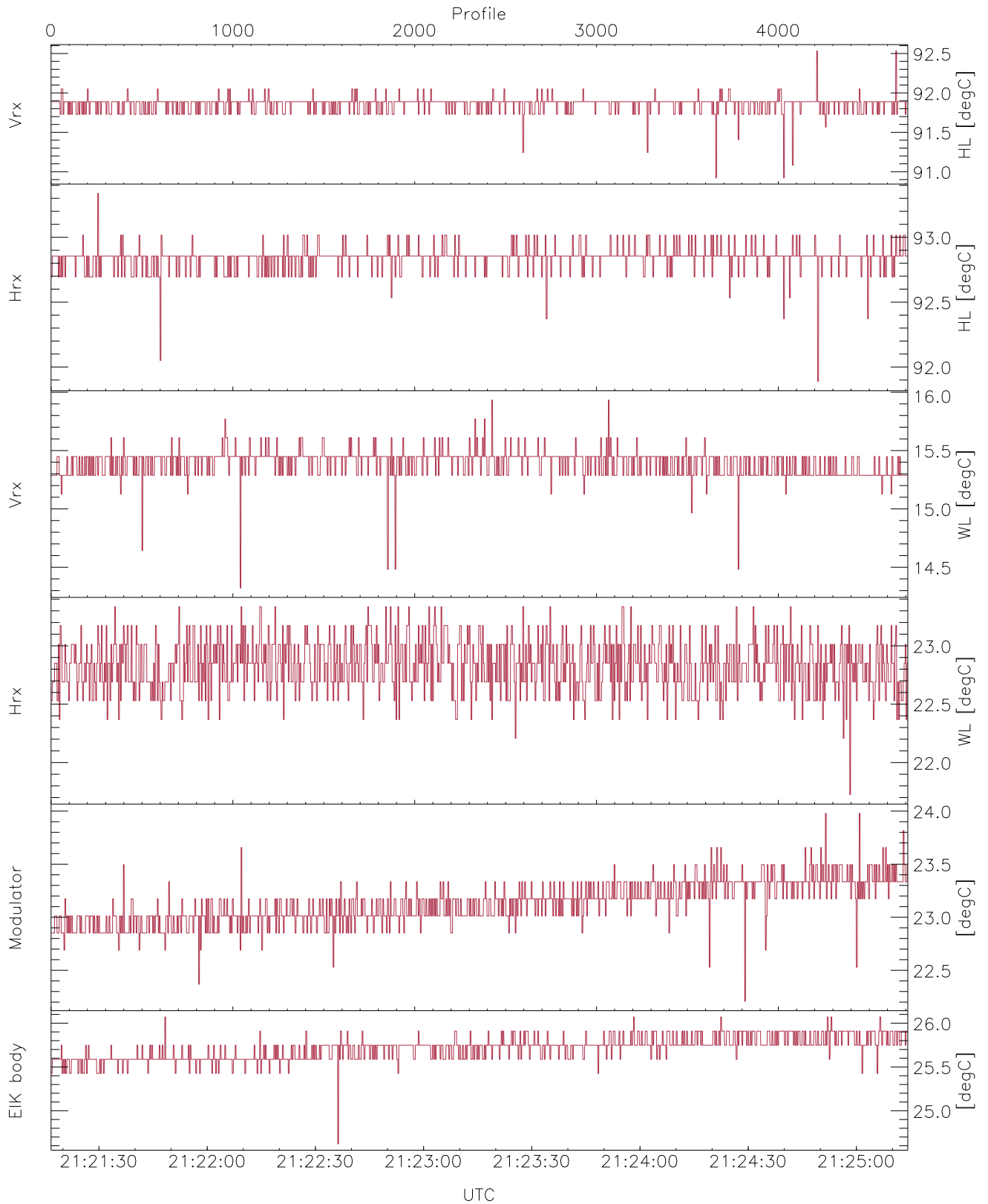


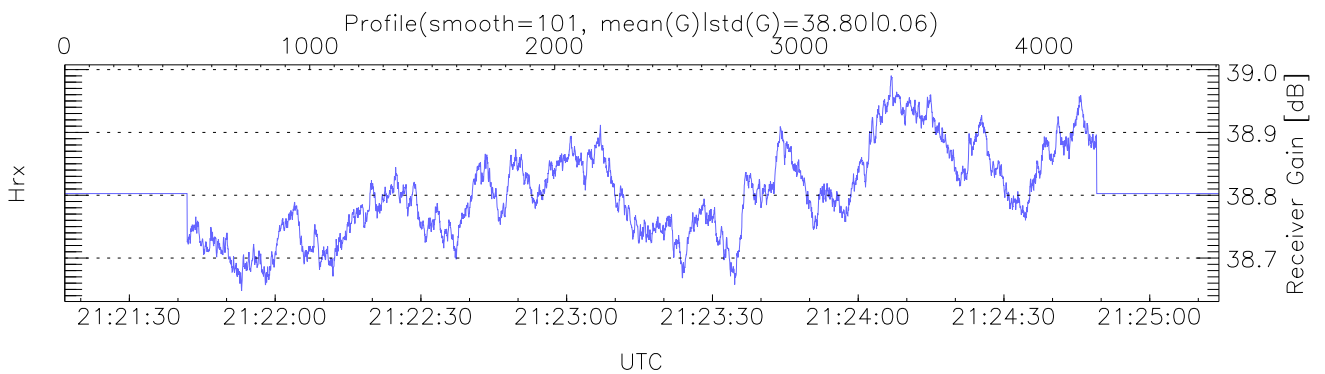
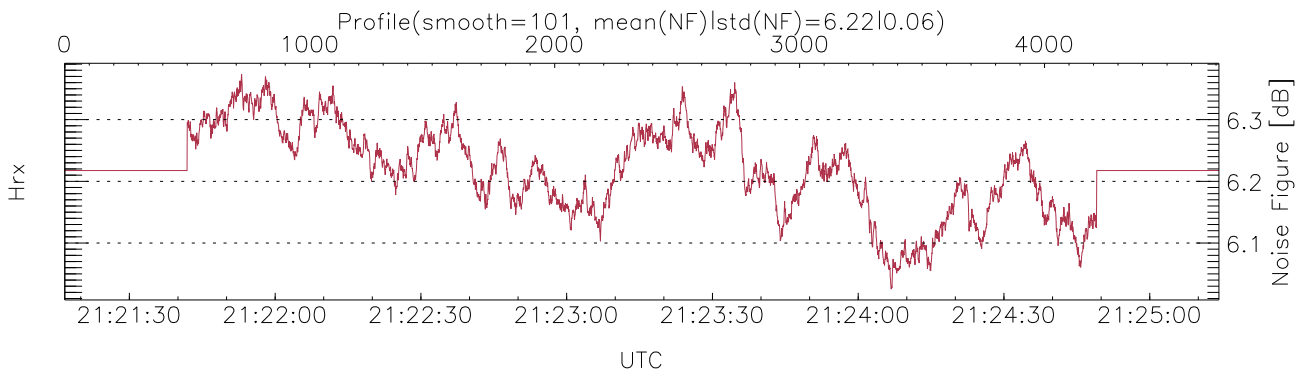
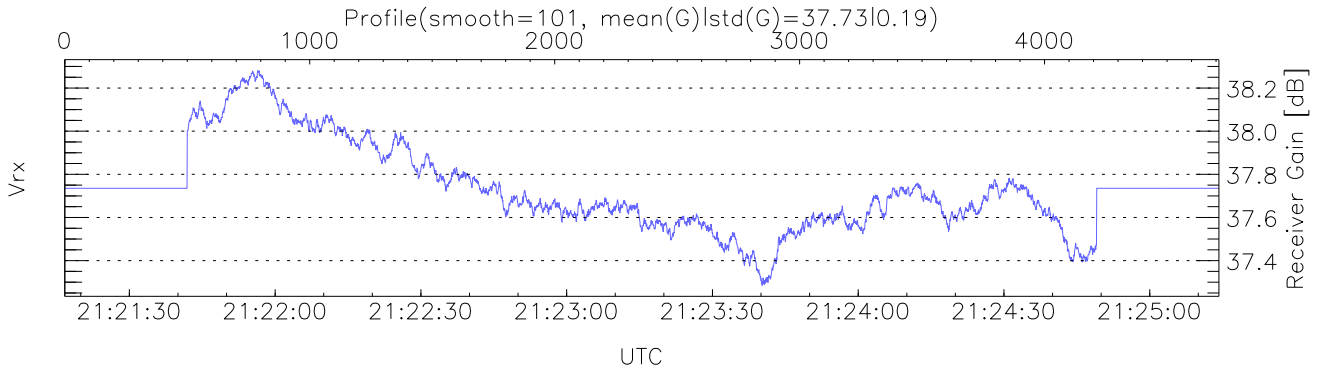
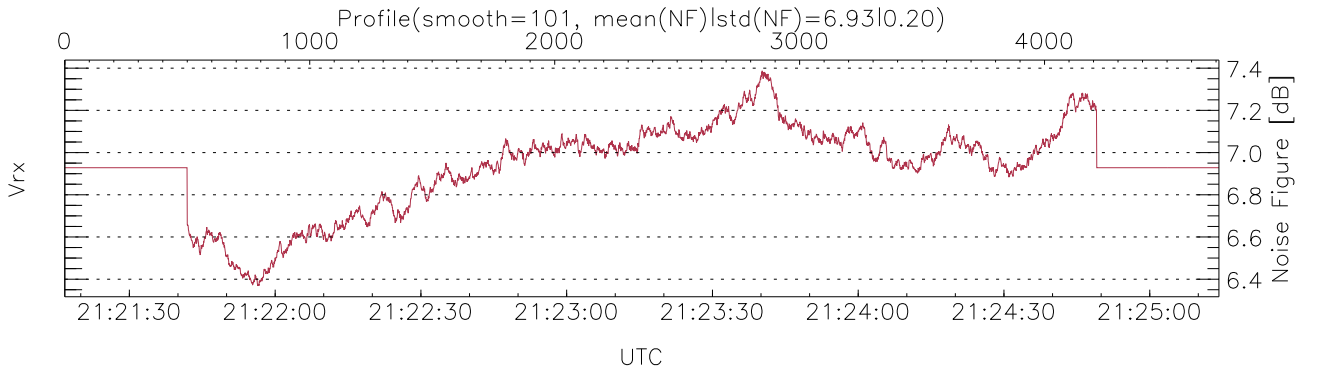
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:21:17-21:25:14, Dur: 237.54s  
 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): 4713/4713, 0-4712/21:21:17-21:25:14  
 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,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



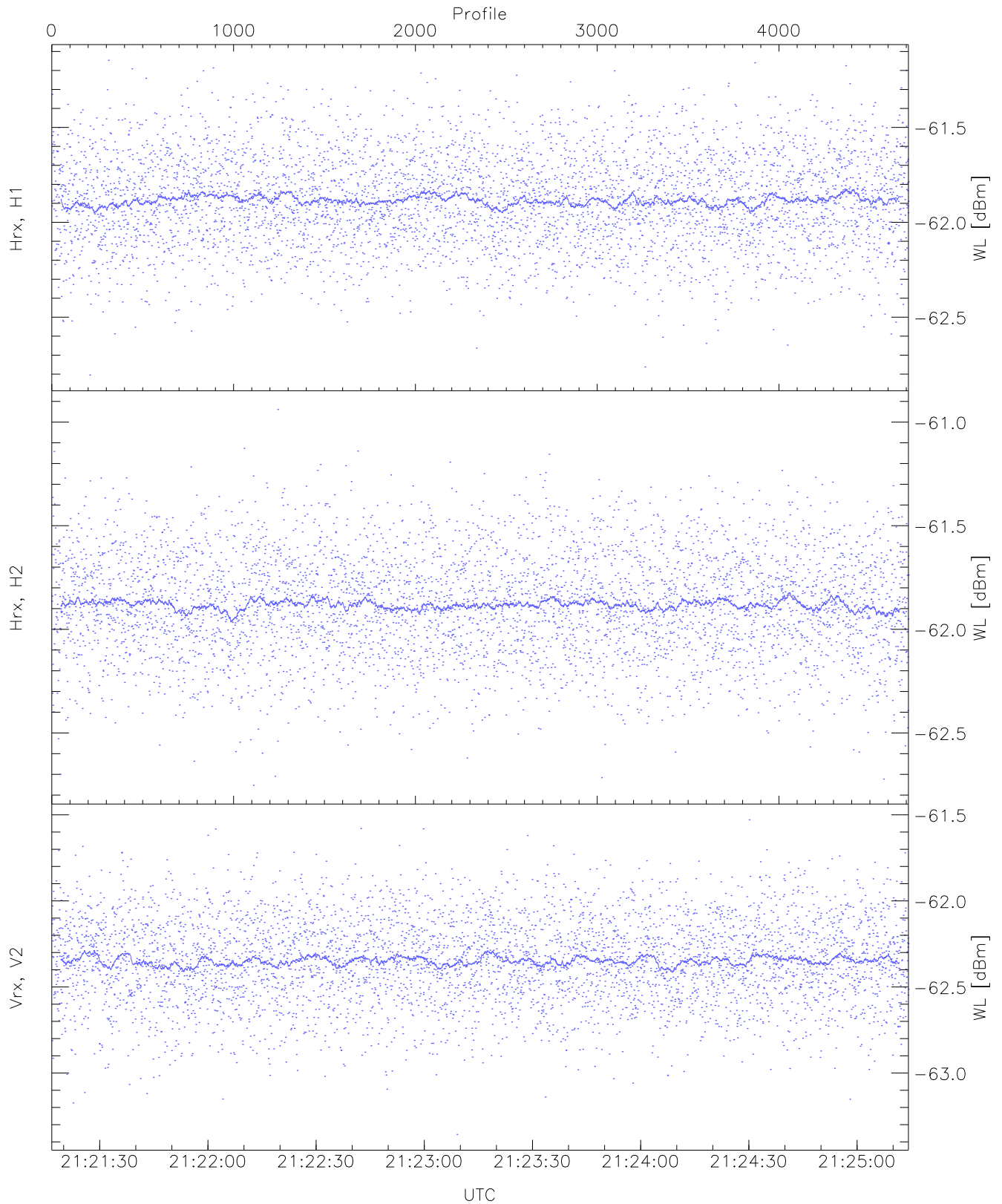
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,21,22,24`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,23,26`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK/Modulator Faults: None`



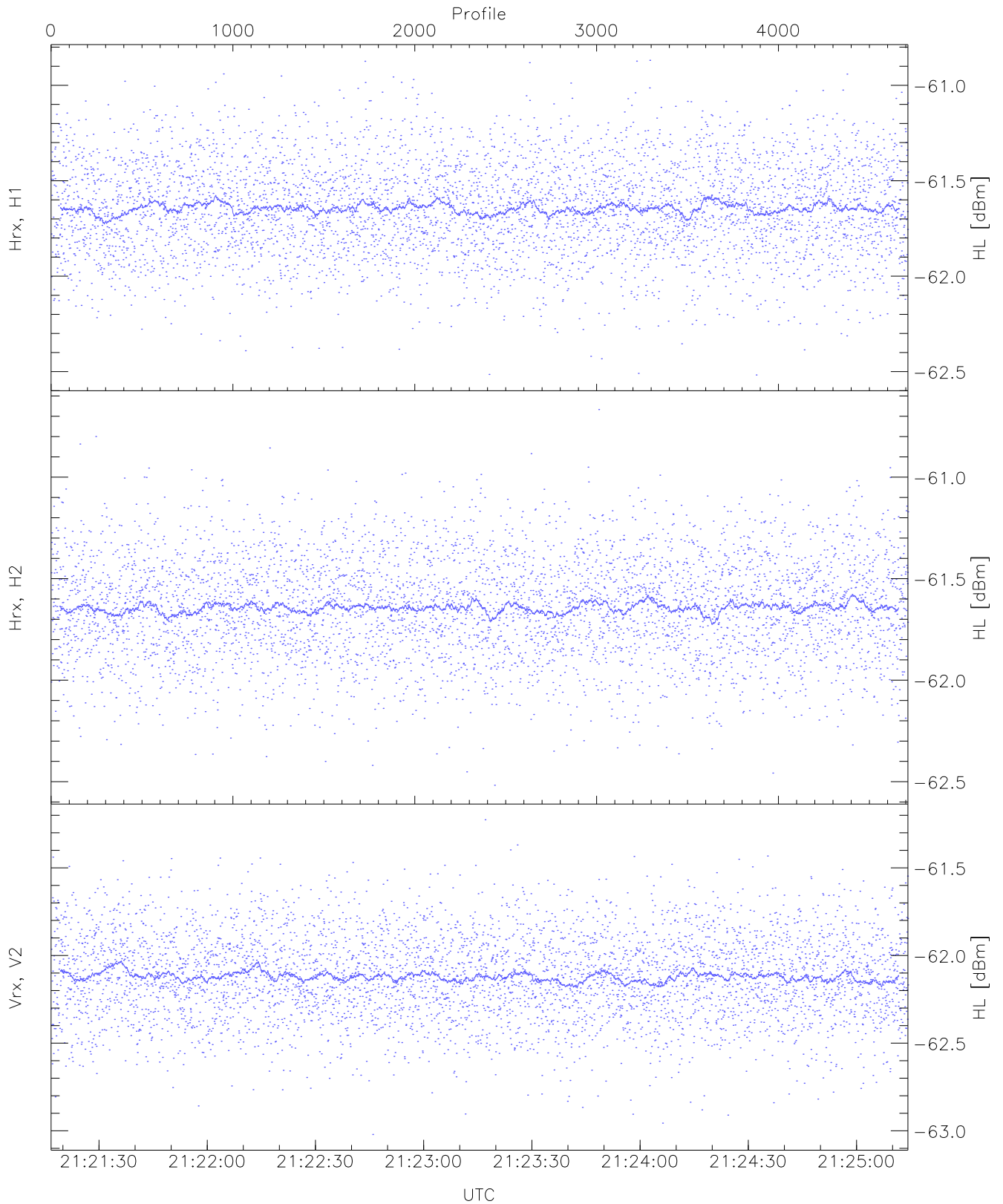
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 44 pixs, 11 gates, 44 profs, 1 prods



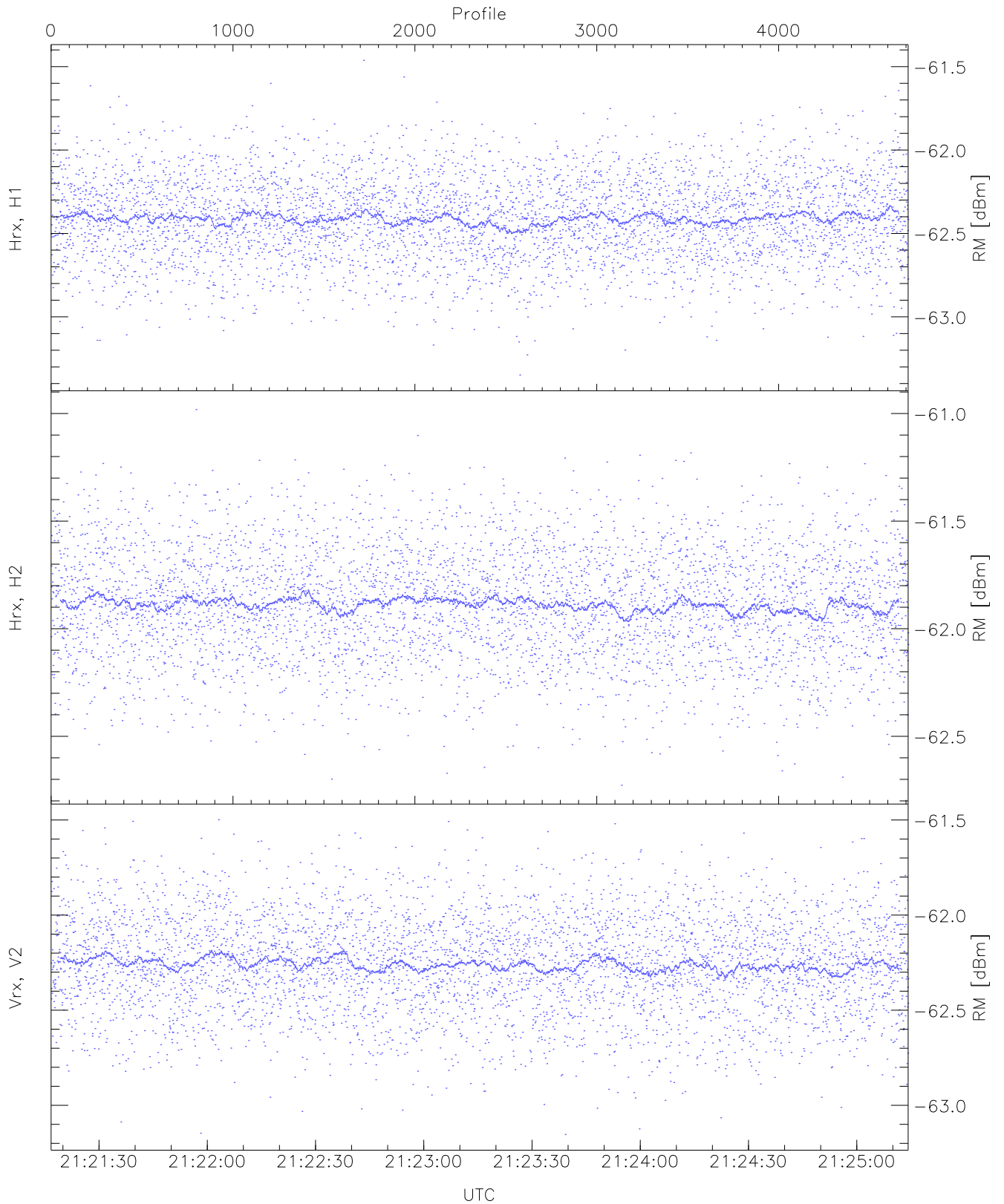
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.80	-61.15	-61.88	-61.89	-74.51
Hrx, H2 (WL [dBm])	-62.75	-60.94	-61.88	-61.89	-74.42
Vrx, V2 (WL [dBm])	-63.36	-61.53	-62.34	-62.35	-74.89



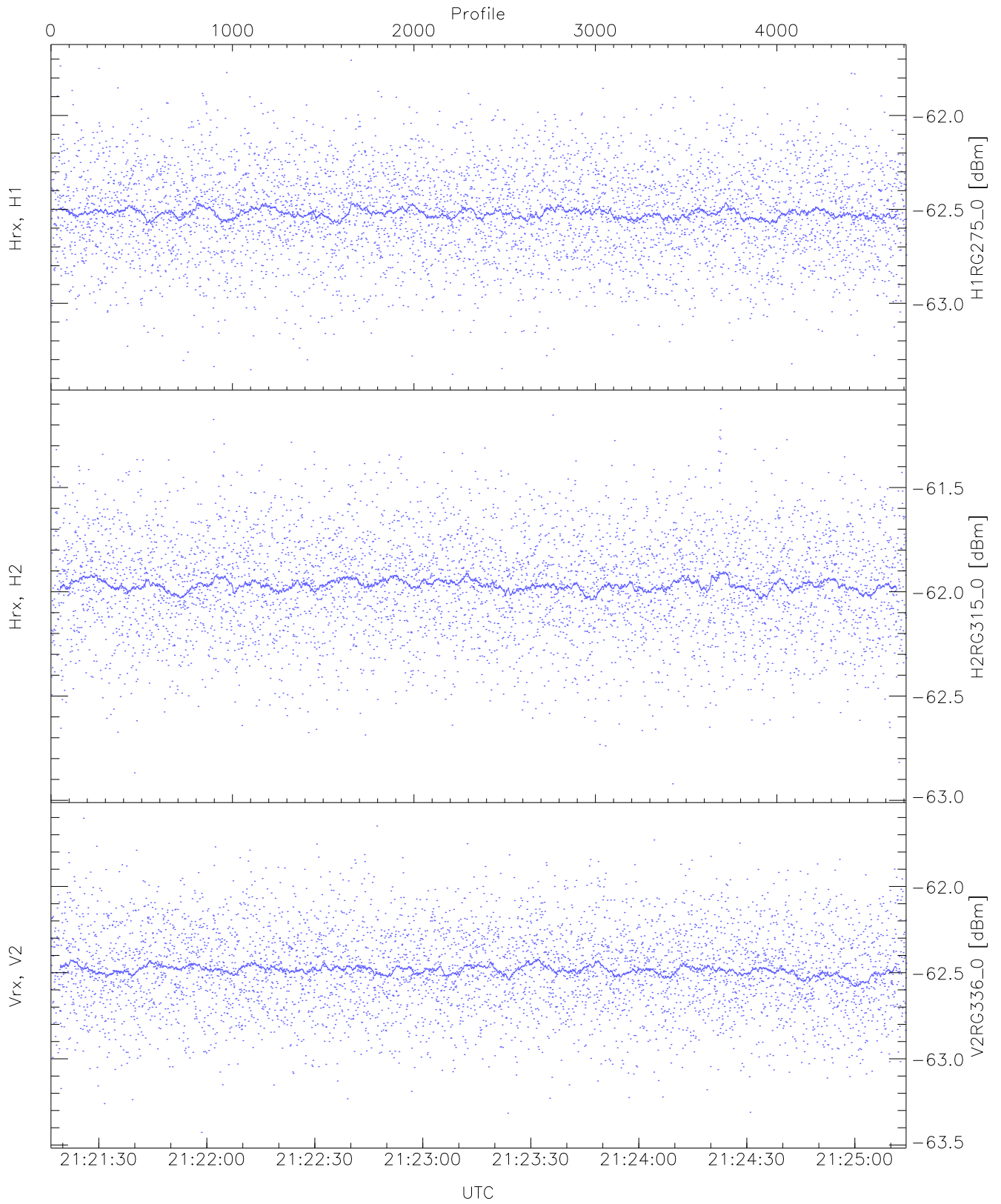
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.52	-60.87	-61.64	-61.65	-74.23
Hrx, H2 (HL [dBm])	-62.52	-60.67	-61.64	-61.64	-74.20
Vrx, V2 (HL [dBm])	-63.02	-61.23	-62.12	-62.12	-74.75



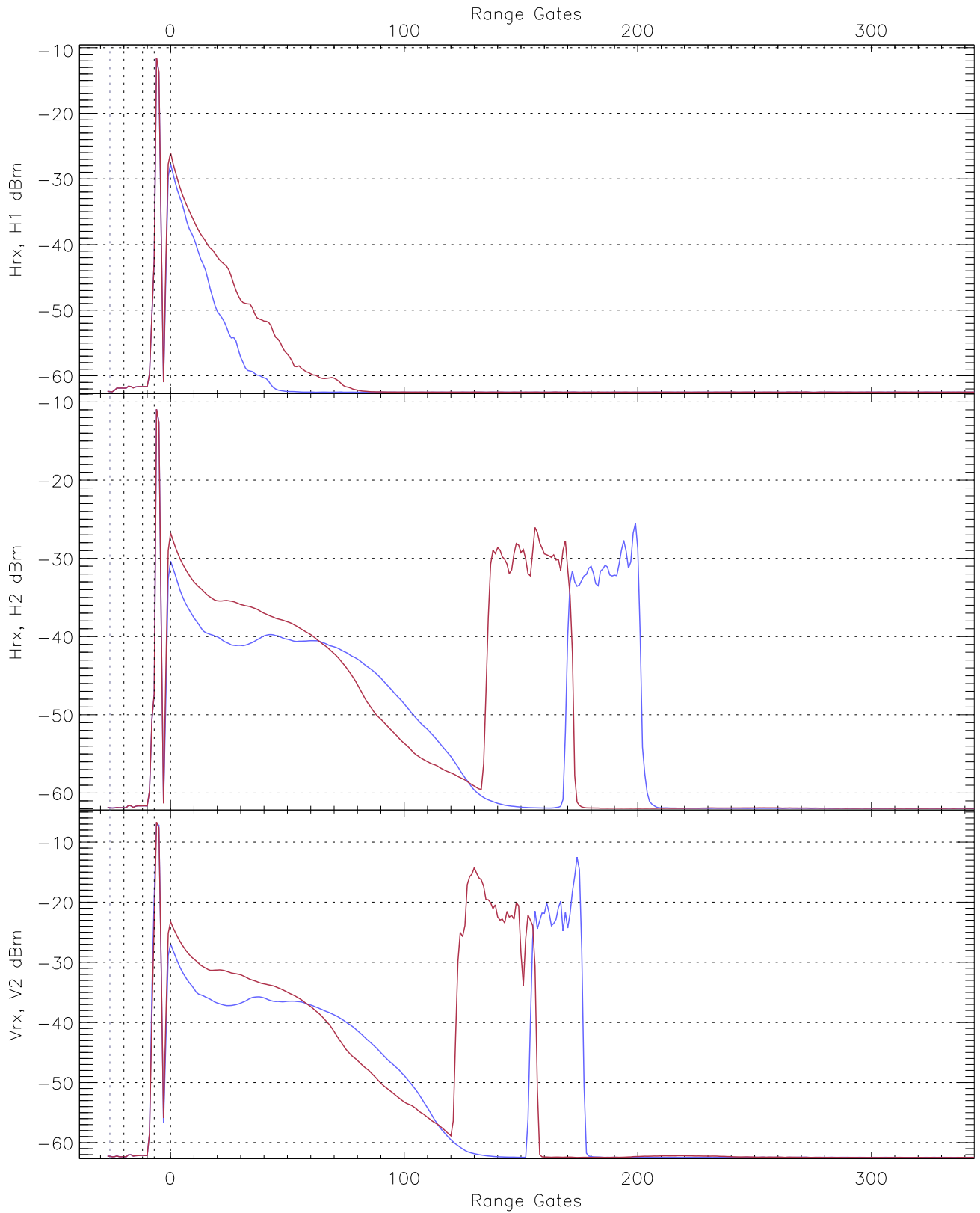
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.35	-61.46	-62.41	-62.41	-74.98
Hrx, H2 (RM [dBm])	-62.73	-60.98	-61.88	-61.89	-74.44
Vrx, V2 (RM [dBm])	-63.15	-61.50	-62.26	-62.26	-74.76



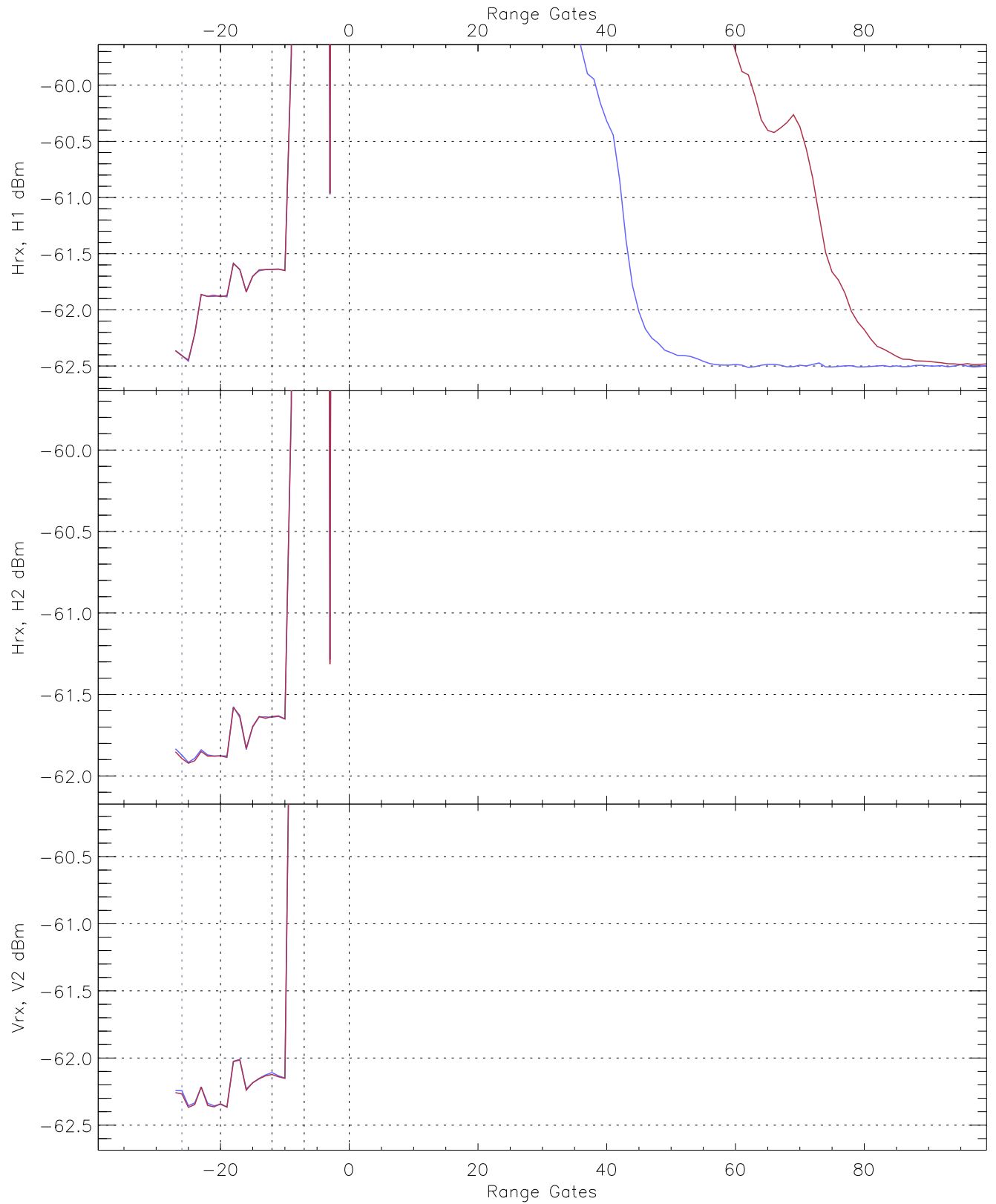
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG275_0 [dBm]	-63.38	-61.71	-62.52	-62.52	-75.11
H2RG315_0 [dBm]	-62.92	-61.12	-61.96	-61.96	-74.51
V2RG336_0 [dBm]	-63.43	-61.60	-62.48	-62.49	-74.97

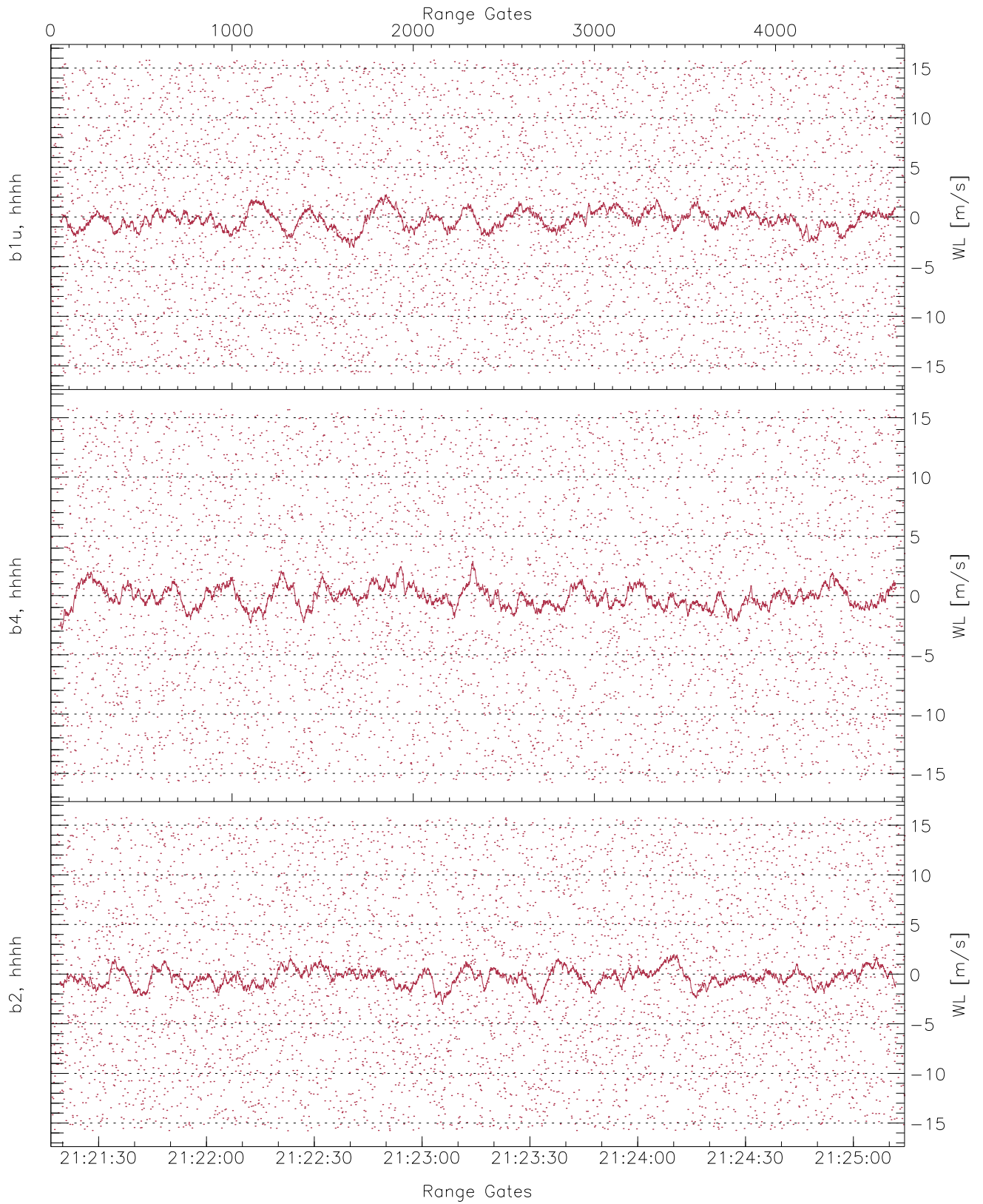


WCR2 CPP Averaged Received power for all recorded gates  
blue: 212117-212315, 2357 profiles averaged  
red: 212315-212514, 2357 profiles averaged

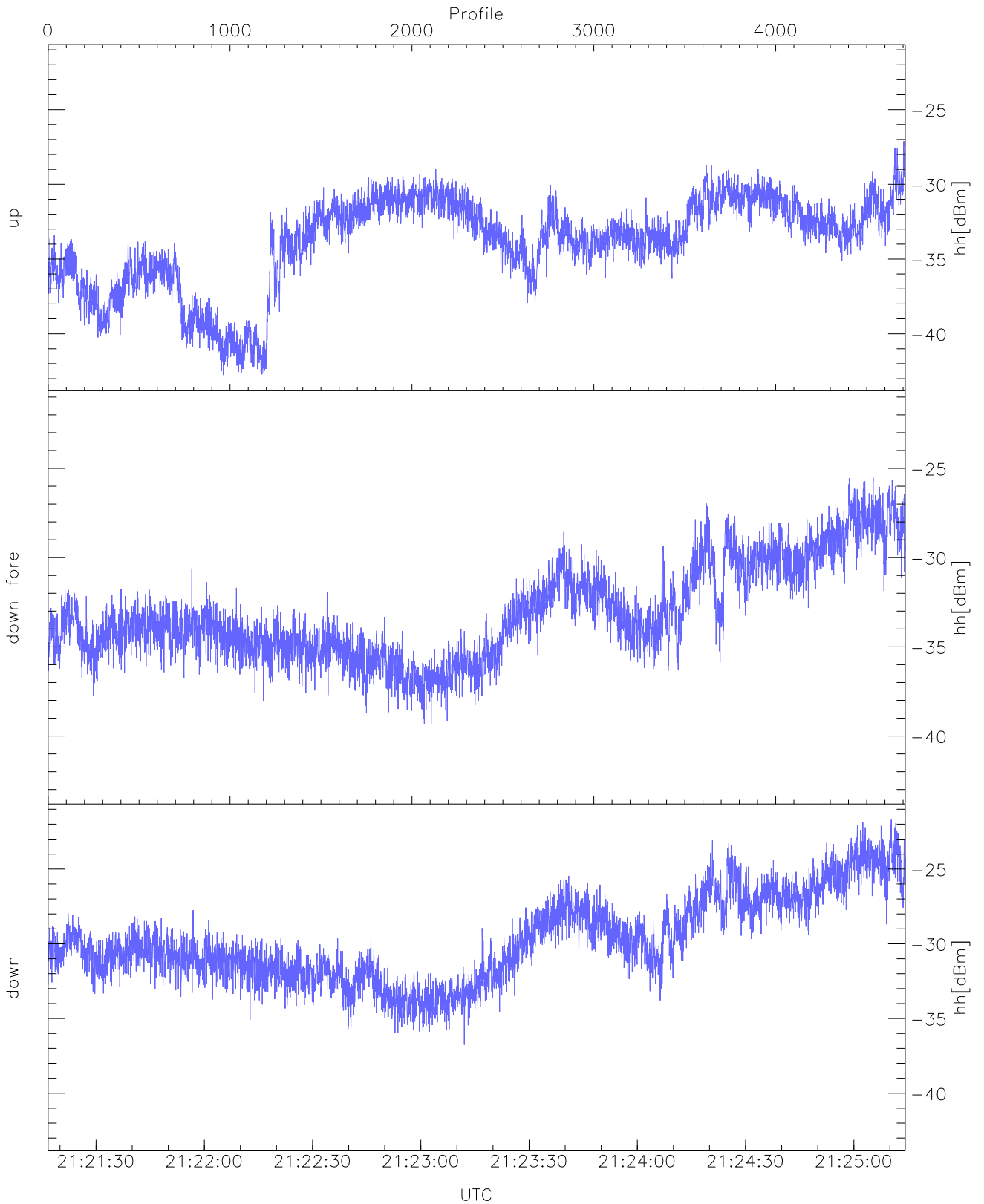




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 212117-212315, 2357 profiles averaged  
red: 212315-212514, 2357 profiles averaged

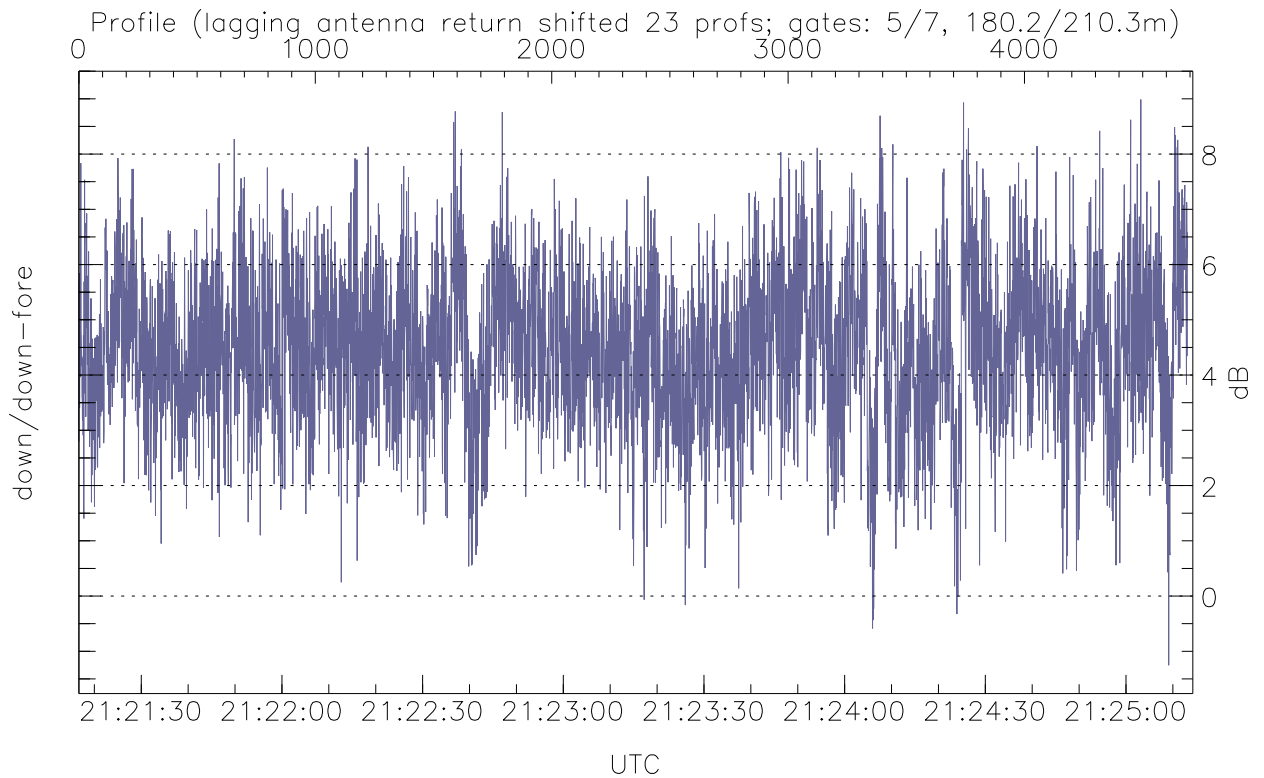
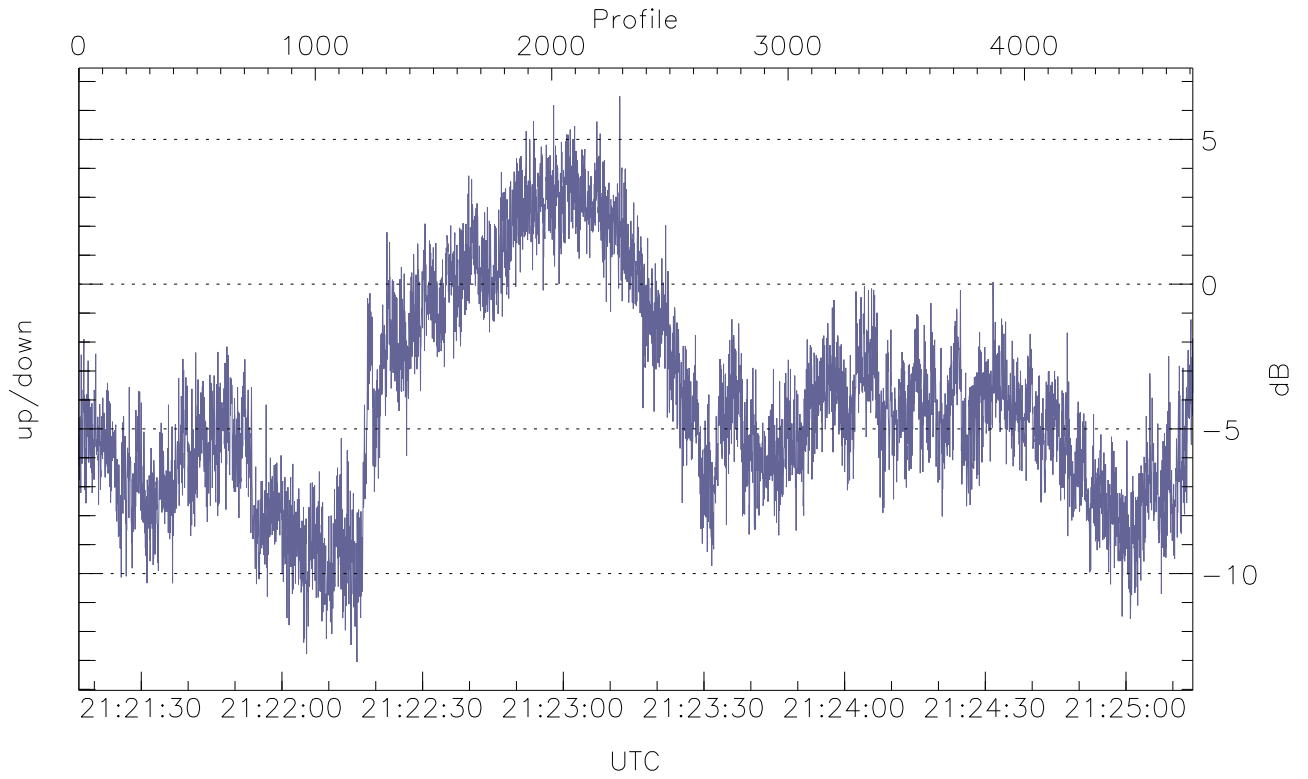


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



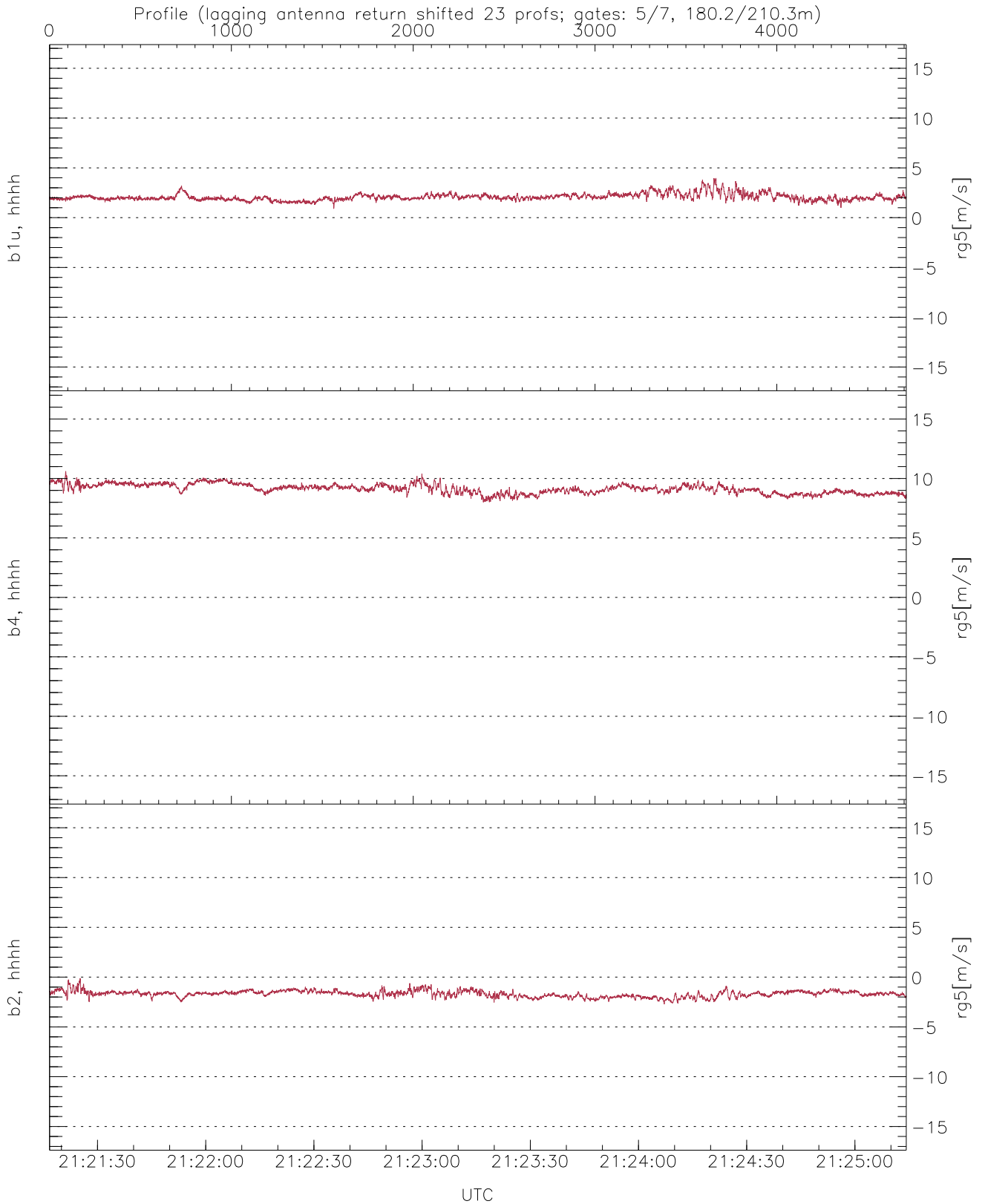
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-42.76	-27.12	-33.02
down-fore(hh[dBm])	-39.35	-25.53	-32.23
down(hh[dBm])	-36.76	-21.70	-28.80



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

	Min	Max	Mean
up/down (dB)	-13.06	6.49	-4.07
down/down-fore (dB)	-1.25	8.99	4.48



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	0.90	3.96	2.07	0.35
b4, hhhh(rg5[m/s])	8.00	10.61	9.13	0.40
b2, hhhh(rg5[m/s])	-2.71	-0.12	-1.69	0.32