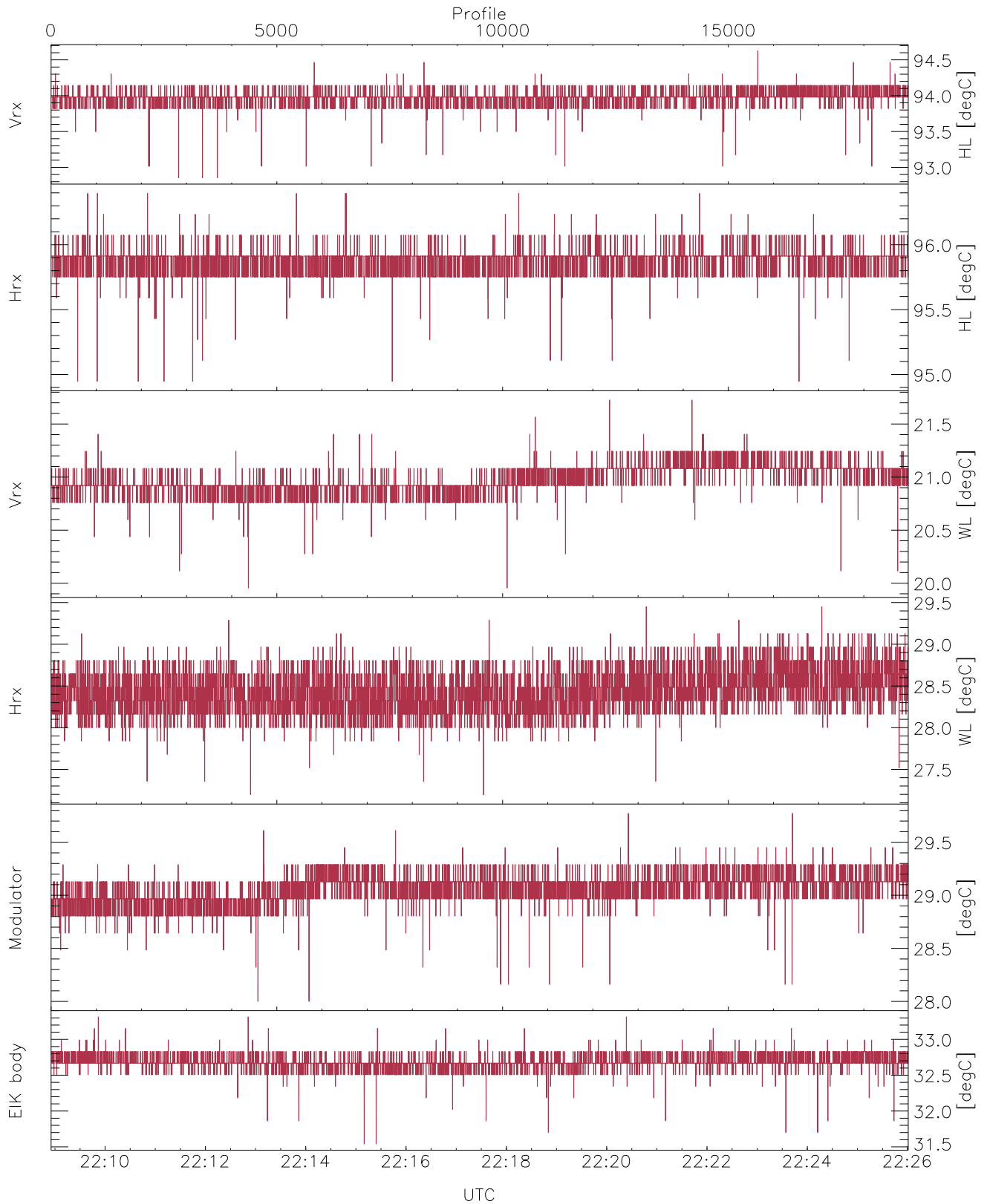


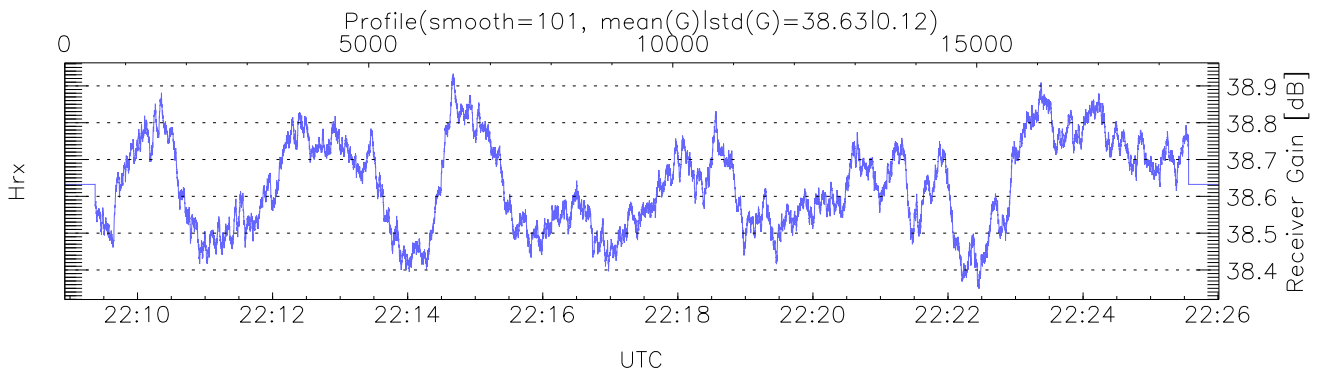
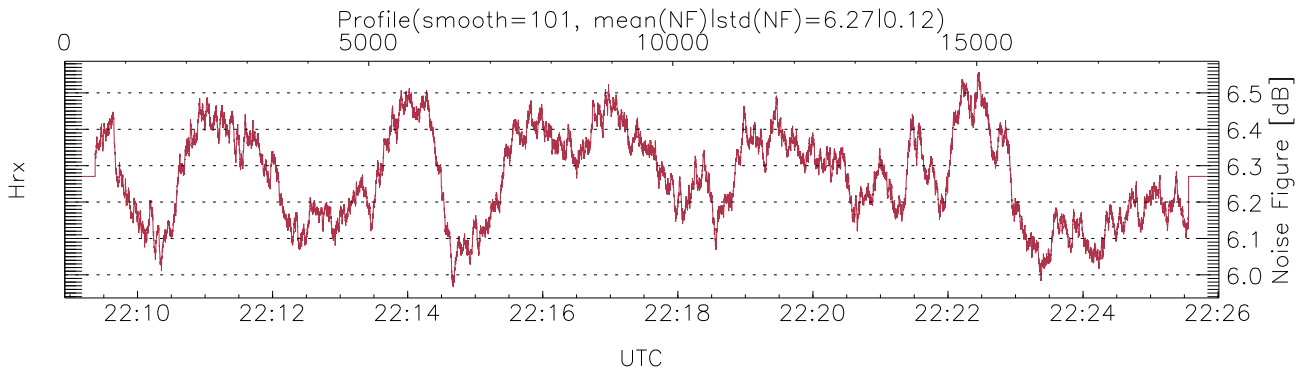
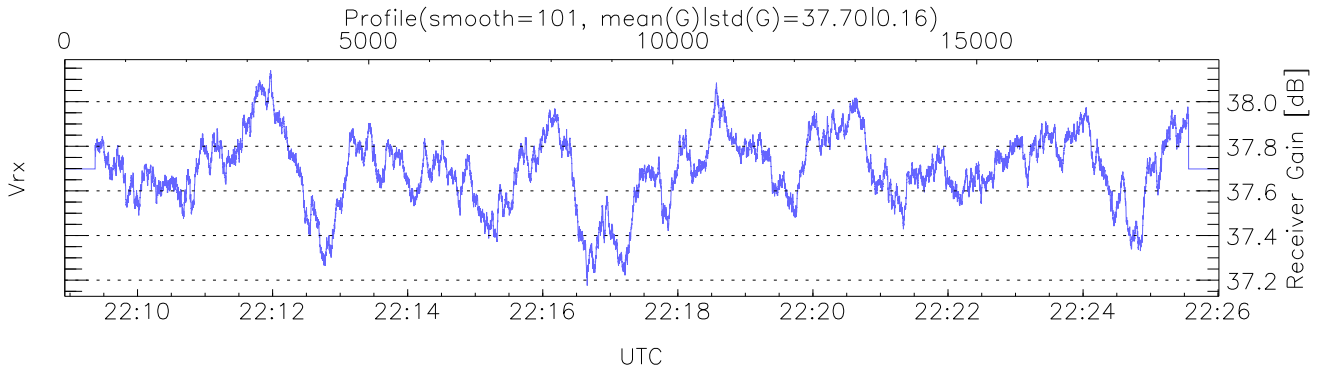
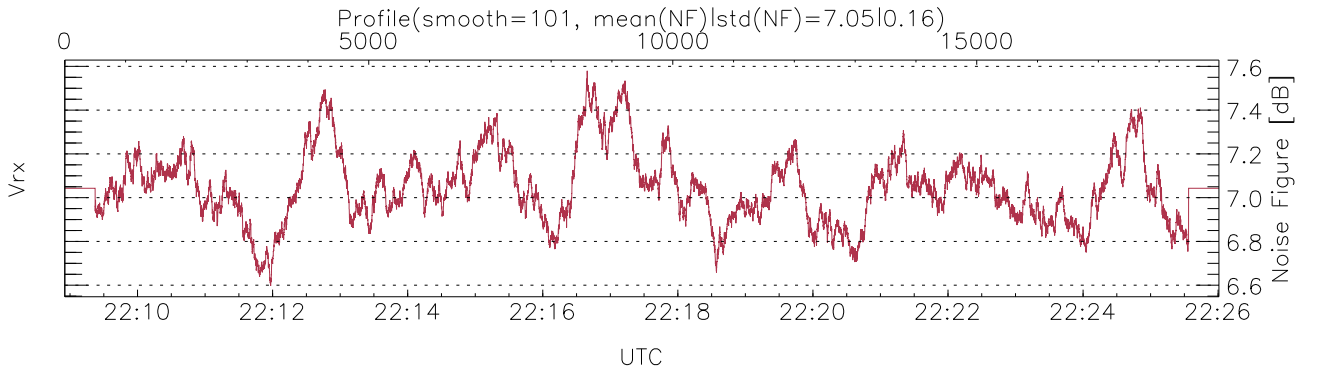
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 22:08:55-22:26:01, Dur: 1025.39s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19  
 NumRec(r/t): 18985/18985, 0-18984/22:08:55-22:26:01  
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180  
 Pulse: 250ns, IFF: 4.0MHz, 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): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



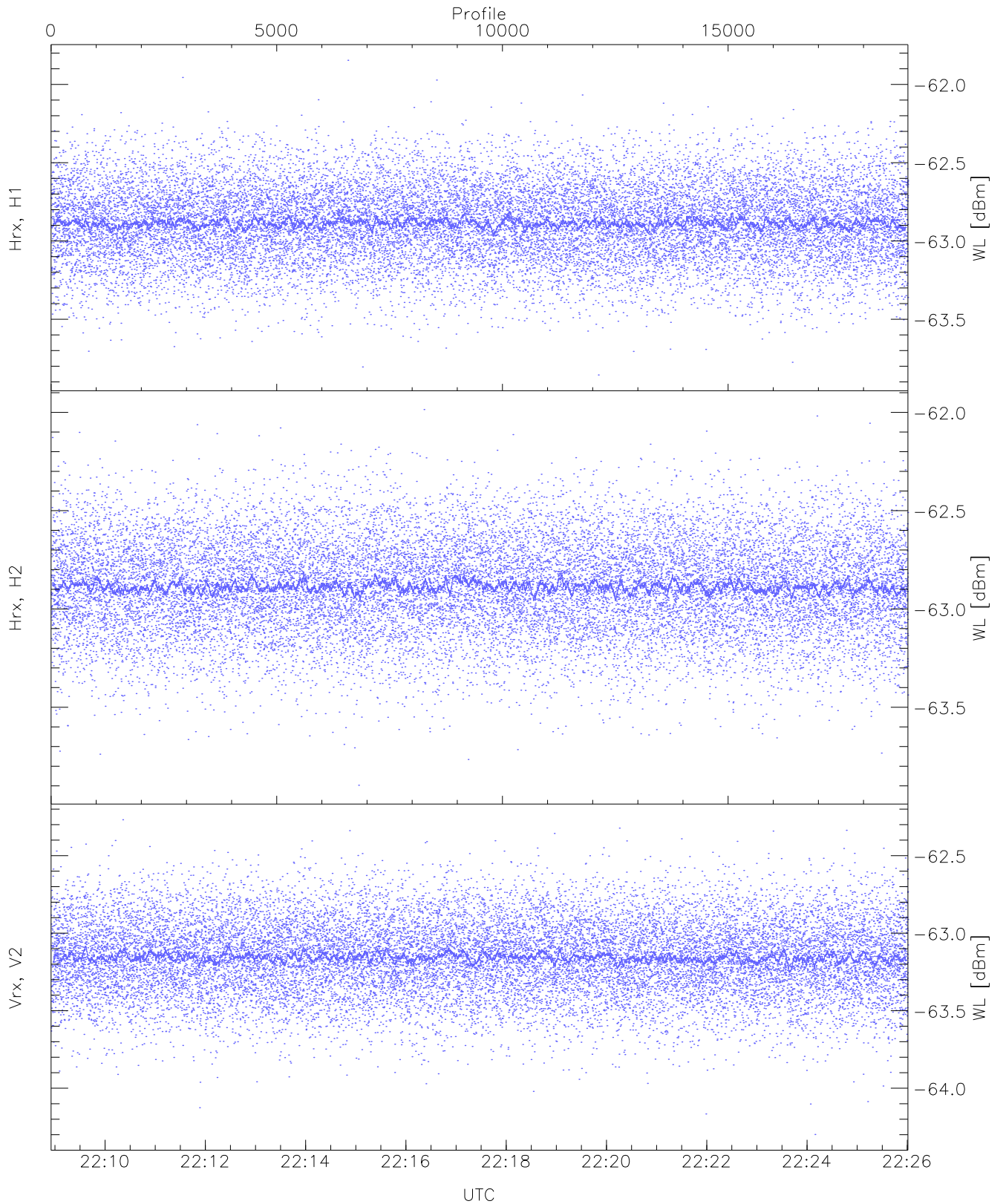
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,27,28,31  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,29,33  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,BodyCurr,DeckF,OverDuty,HVPS (5,10,14,14,15)



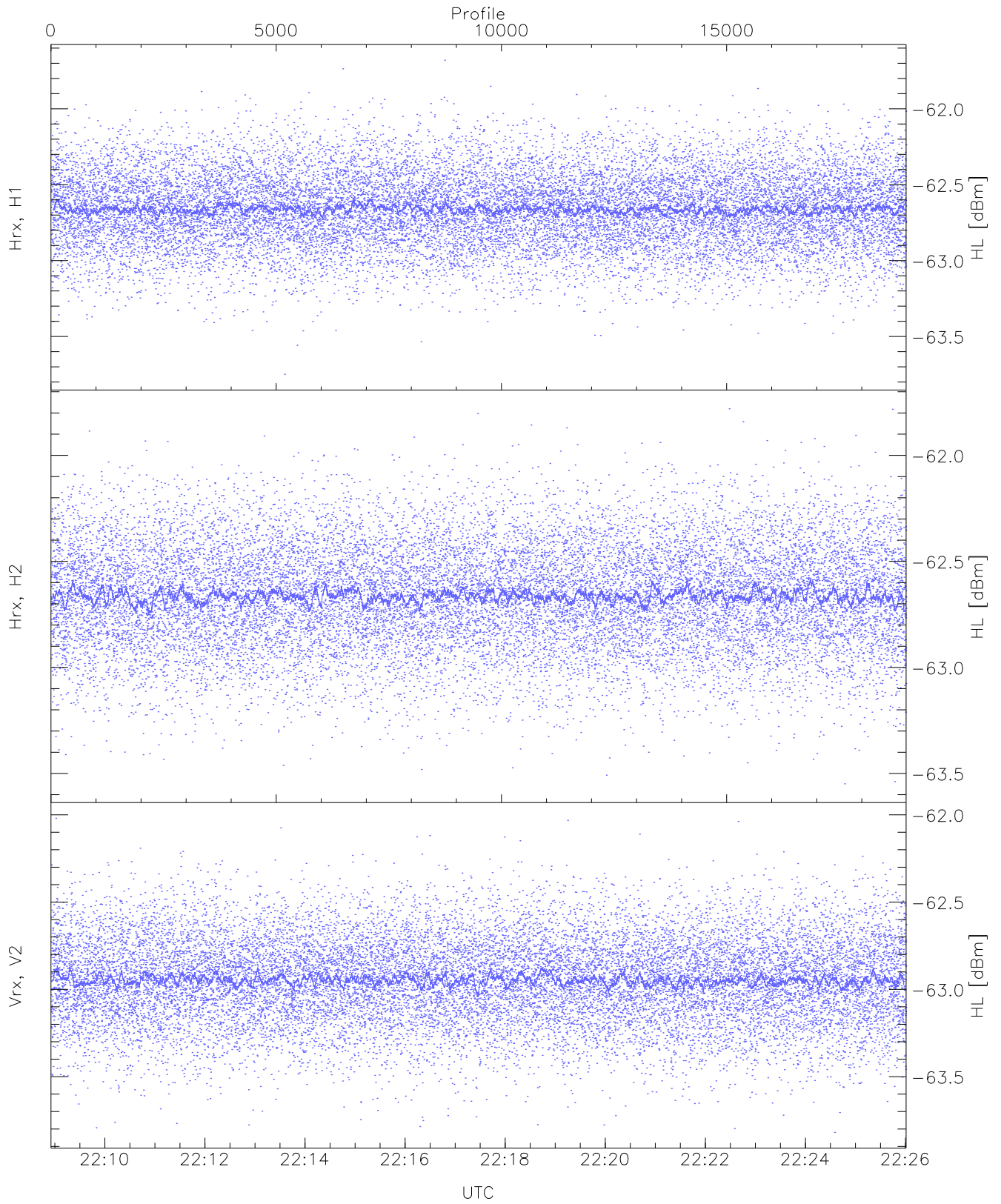
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1164 pixs, 57 gates, 1138 profs, 1 prods



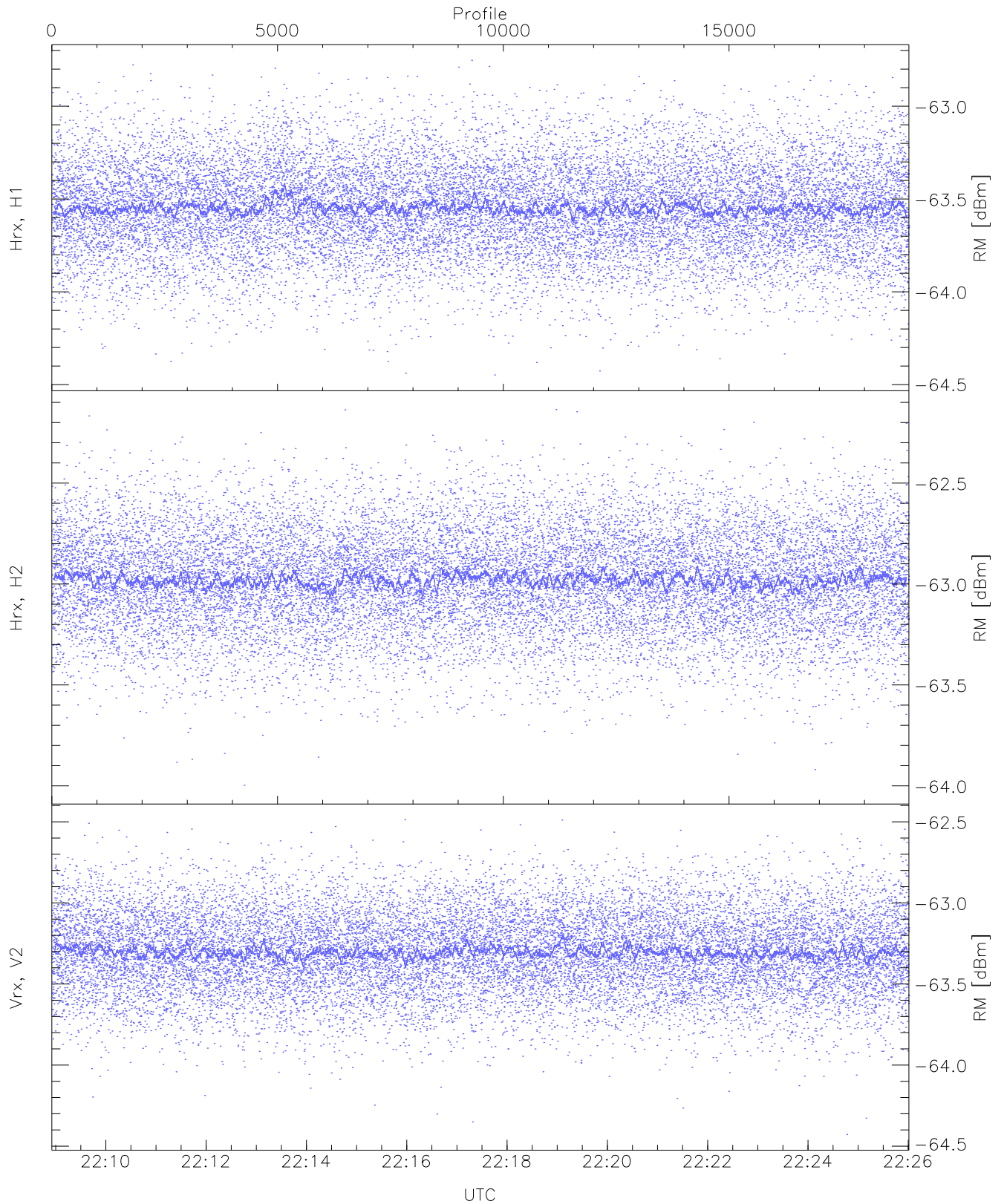
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.86	-61.85	-62.88	-62.89	-75.60
Hrx, H2 (WL [dBm])	-63.90	-61.99	-62.88	-62.89	-75.63
Vrx, V2 (WL [dBm])	-64.30	-62.27	-63.15	-63.16	-75.85



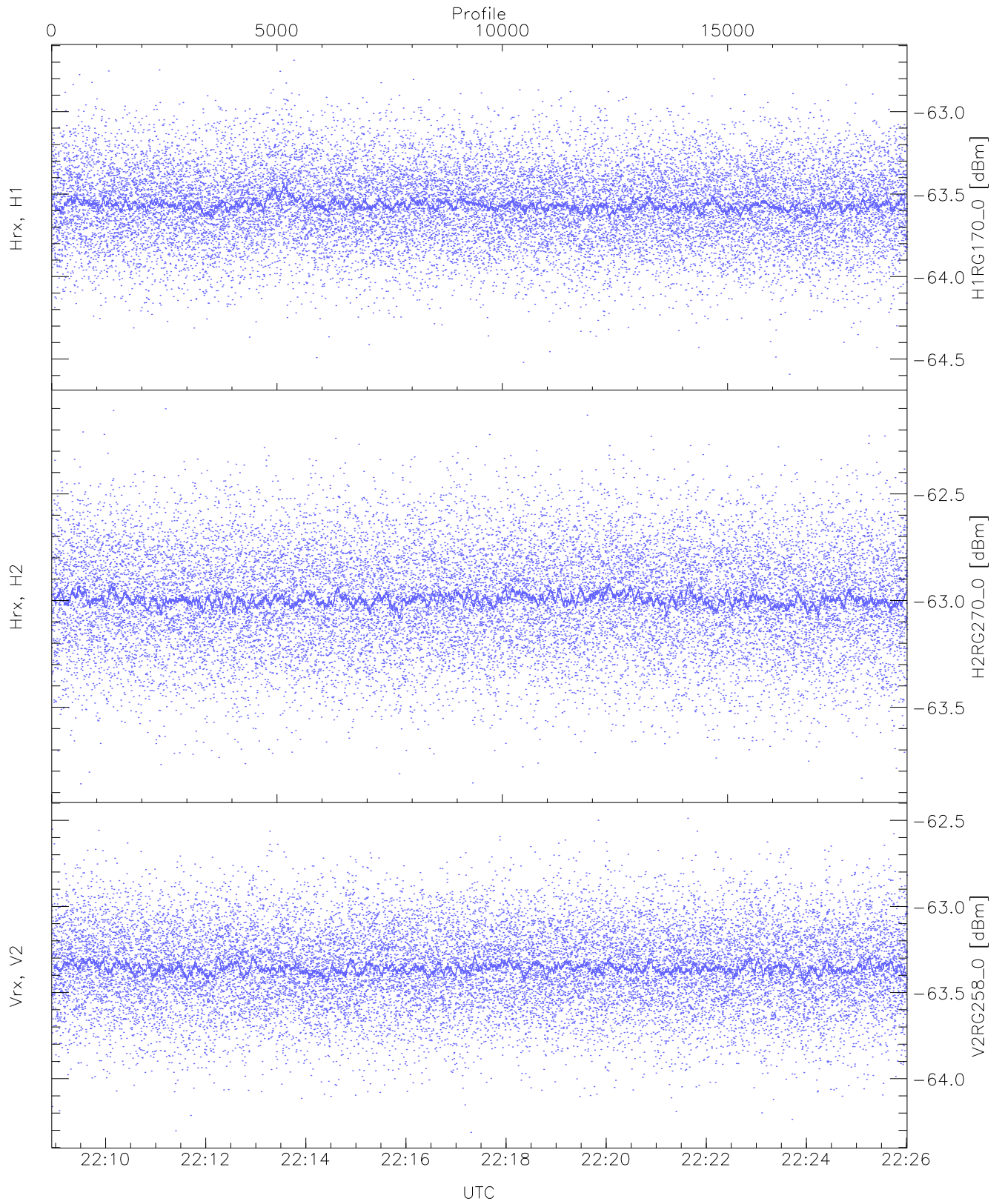
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.75	-61.68	-62.66	-62.66	-75.32
Hrx, H2 (HL [dBm])	-63.55	-61.78	-62.66	-62.66	-75.36
Vrx, V2 (HL [dBm])	-63.82	-62.02	-62.94	-62.95	-75.64



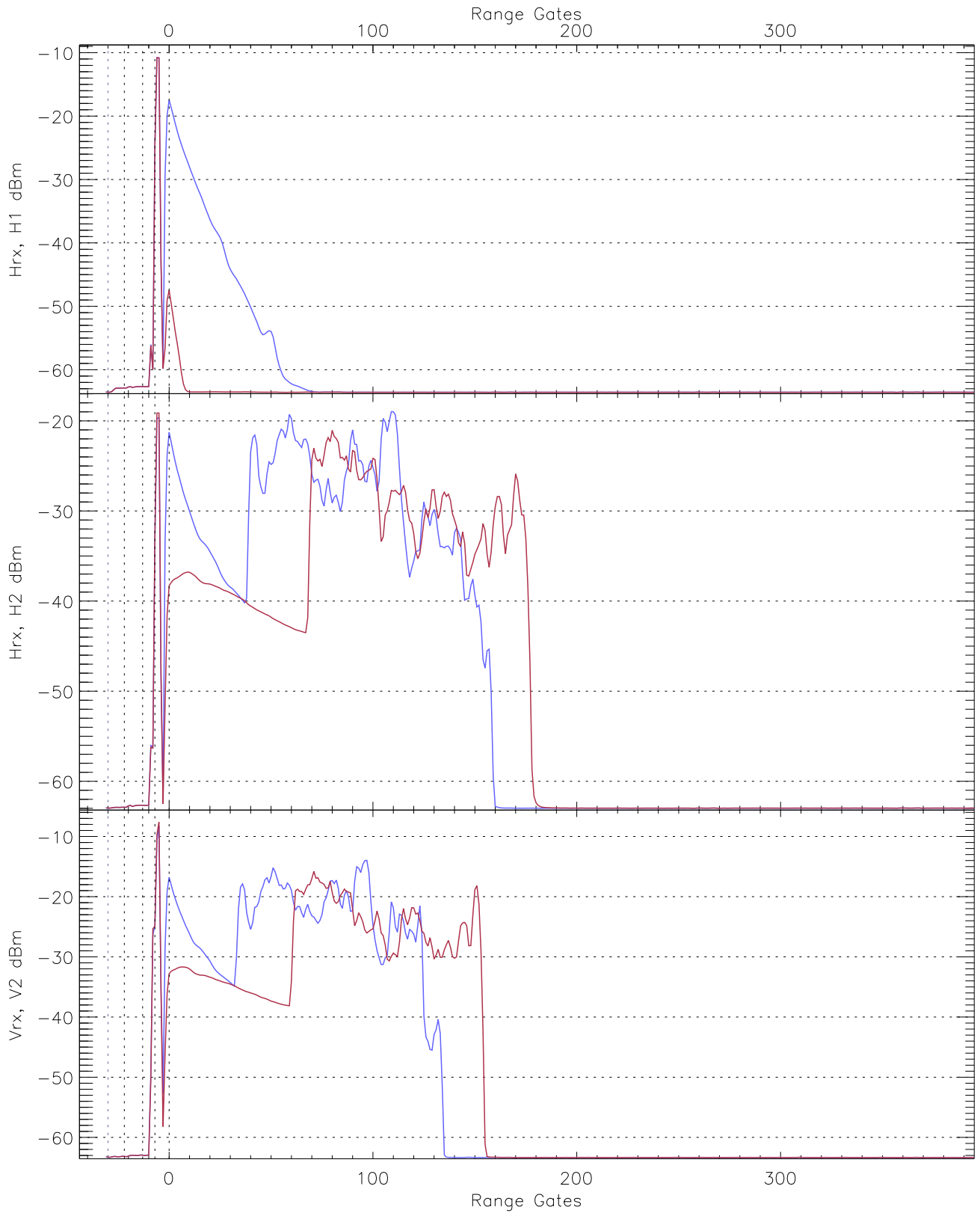
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.45	-62.75	-63.55	-63.55	-76.25
Hrx, H2 (RM [dBm])	-64.00	-62.14	-62.98	-62.98	-75.71
Vrx, V2 (RM [dBm])	-64.43	-62.49	-63.30	-63.31	-75.97



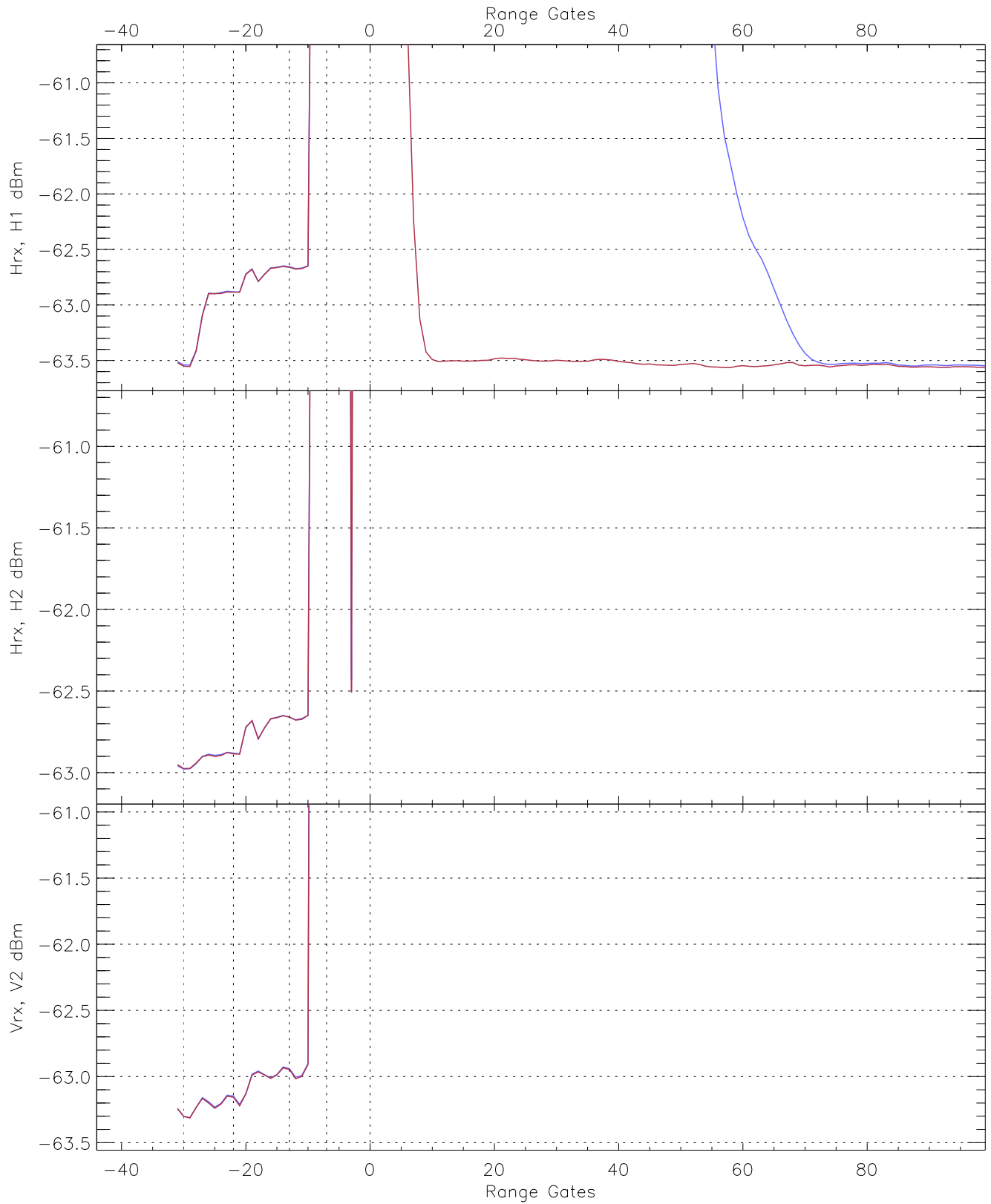
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.59	-62.69	-63.56	-63.57	-76.28
H2RG270_0 [dBm]	-63.86	-62.10	-62.99	-63.00	-75.69
V2RG258_0 [dBm]	-64.31	-62.49	-63.35	-63.36	-76.04

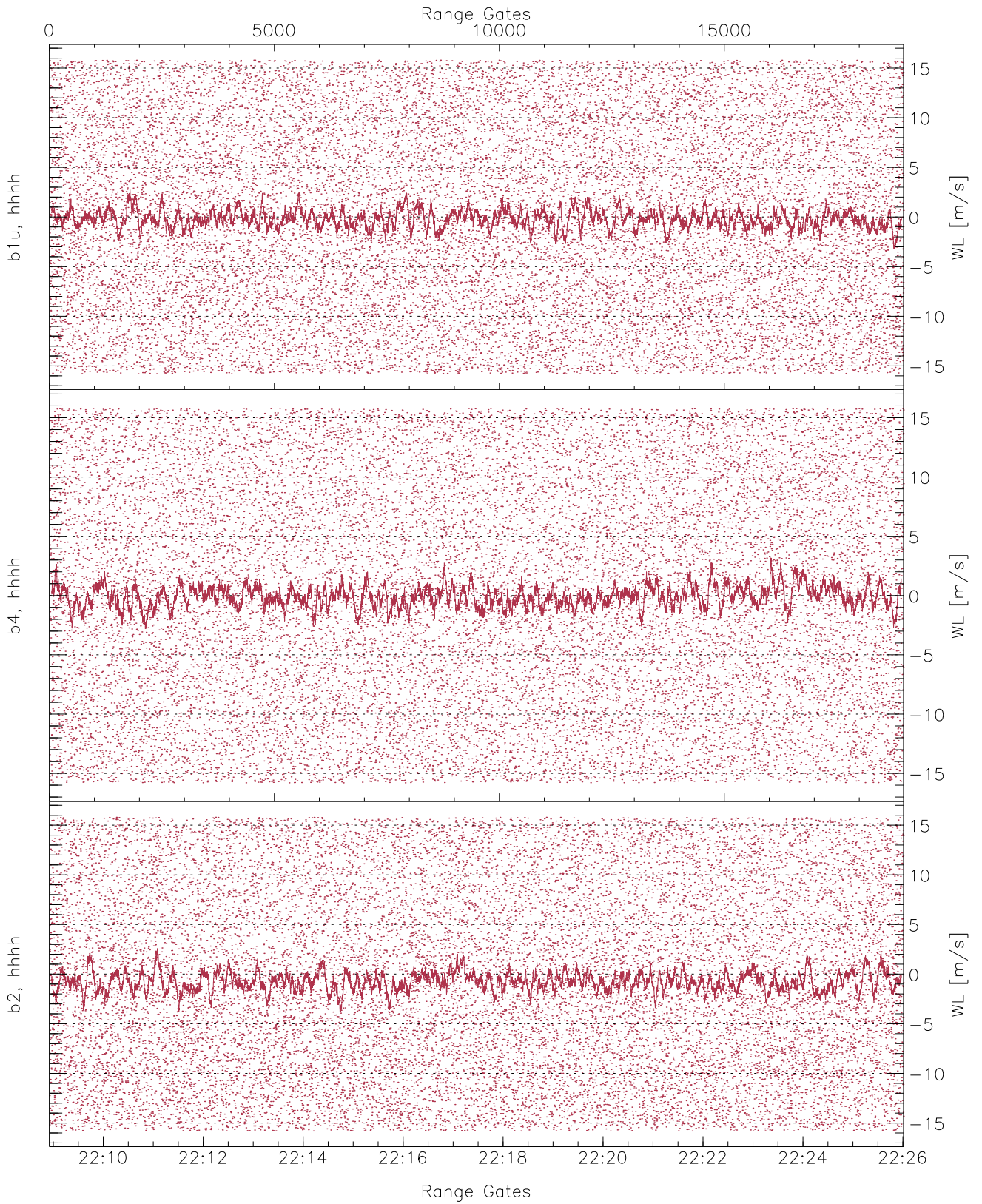


WCR2 CPP Averaged Received power for all recorded gates  
blue: 220855-221728, 9493 profiles averaged  
red: 221728-222601, 9493 profiles averaged

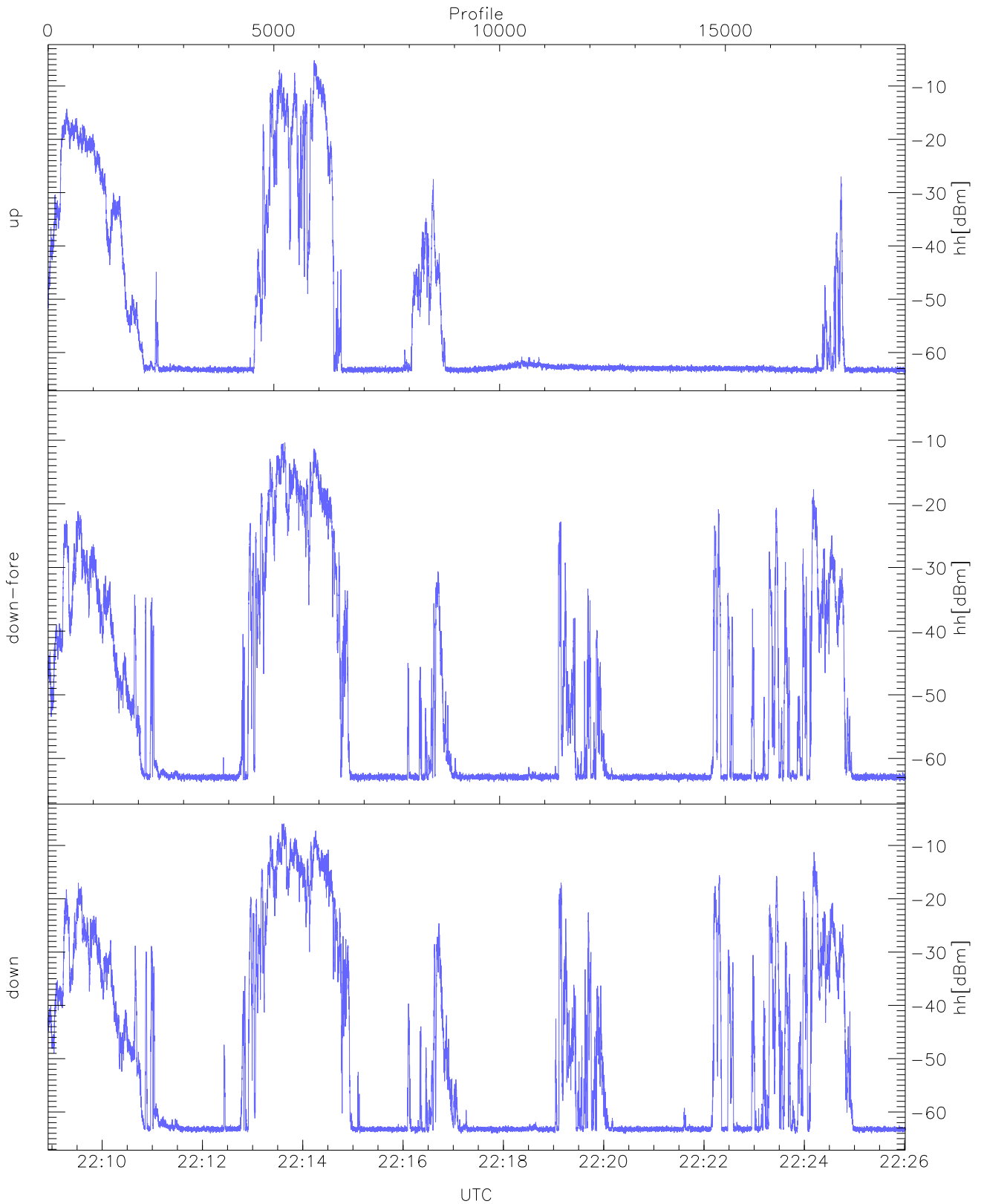




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 220855-221728, 9493 profiles averaged  
red: 221728-222601, 9493 profiles averaged

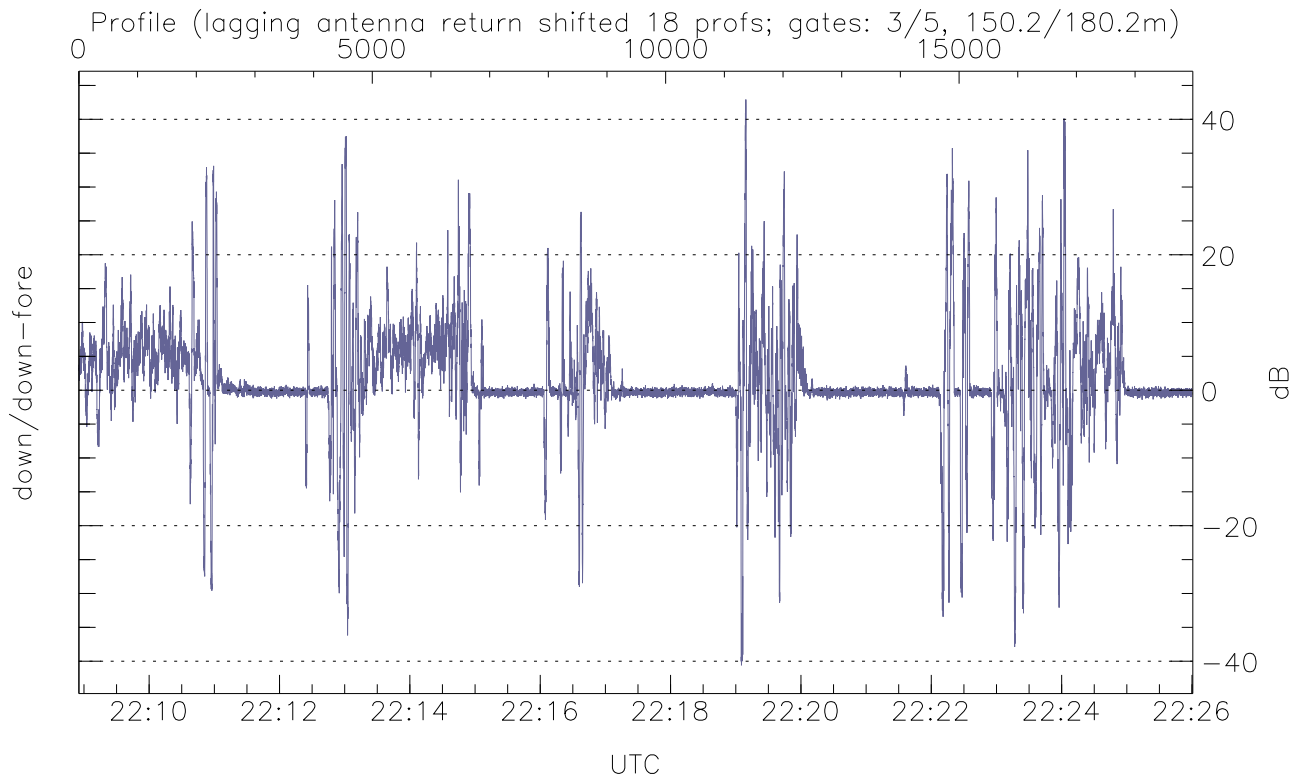
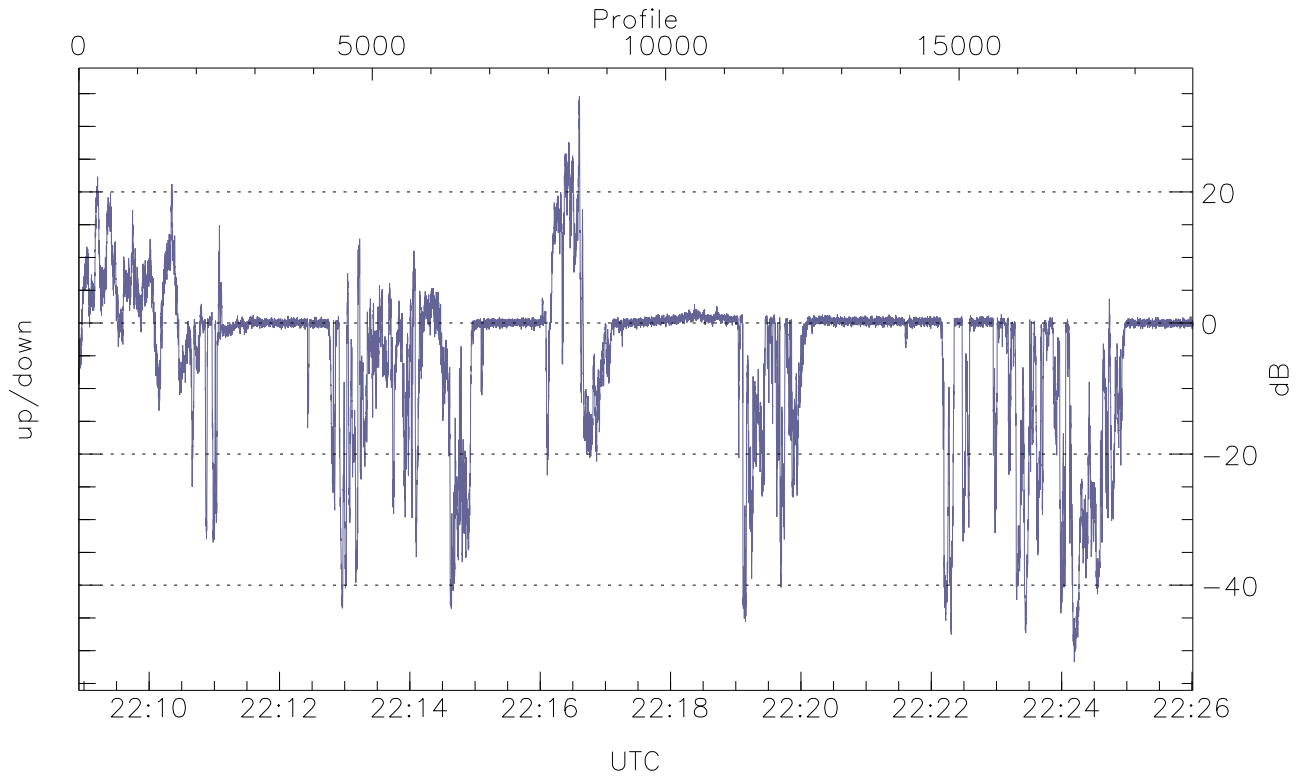


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



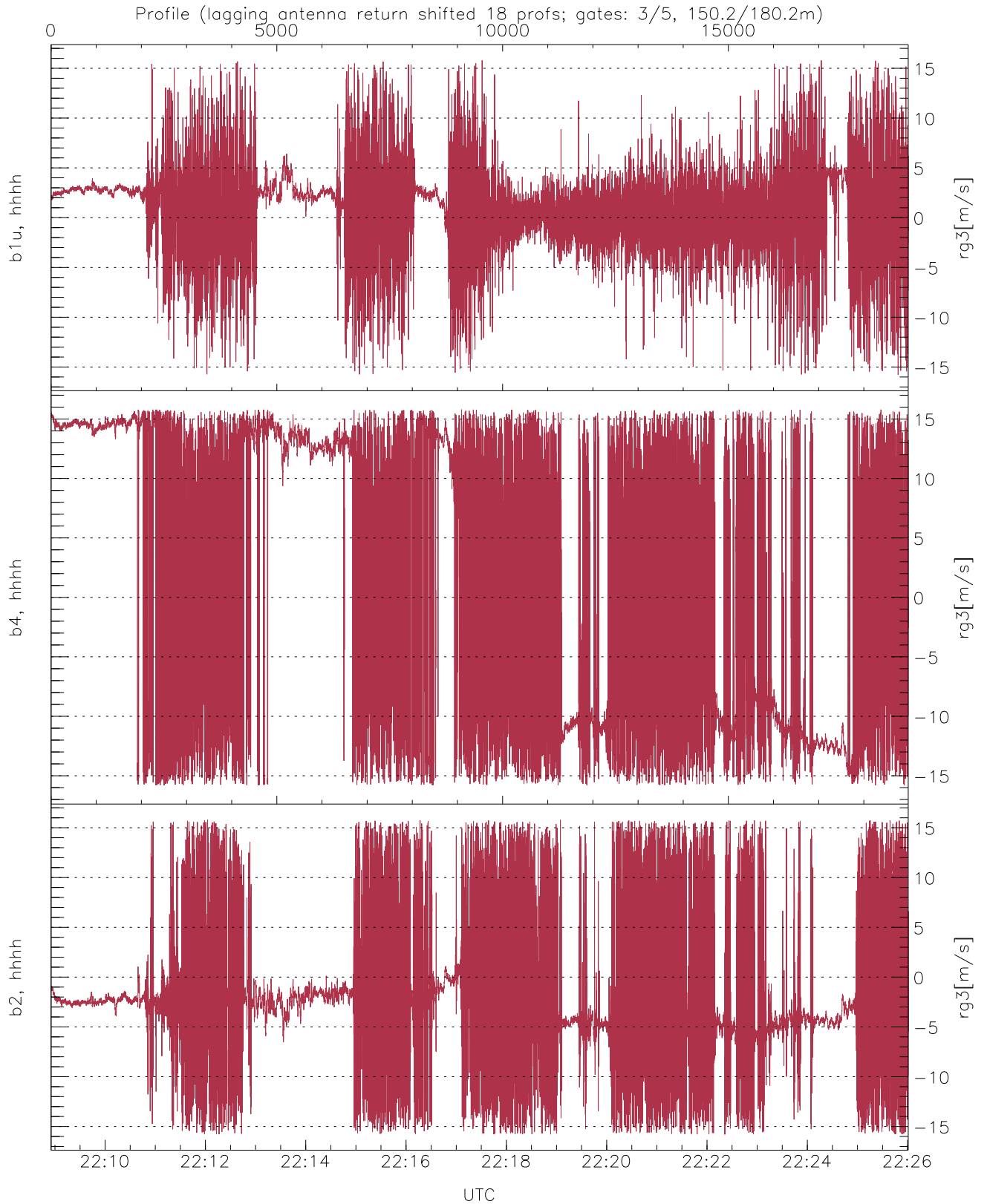
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.21	-5.18	-24.18
down-fore(hh[dBm])	-63.78	-10.37	-27.34
down(hh[dBm])	-64.10	-5.90	-23.06



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-51.73	34.59	-4.35
down/down-fore (dB)	-40.60	42.92	1.68



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.77	15.79	0.79	3.66
b4, hhhh(rg3[m/s])	-15.80	15.80	1.74	11.08
b2, hhhh(rg3[m/s])	-15.80	15.79	-1.93	6.32