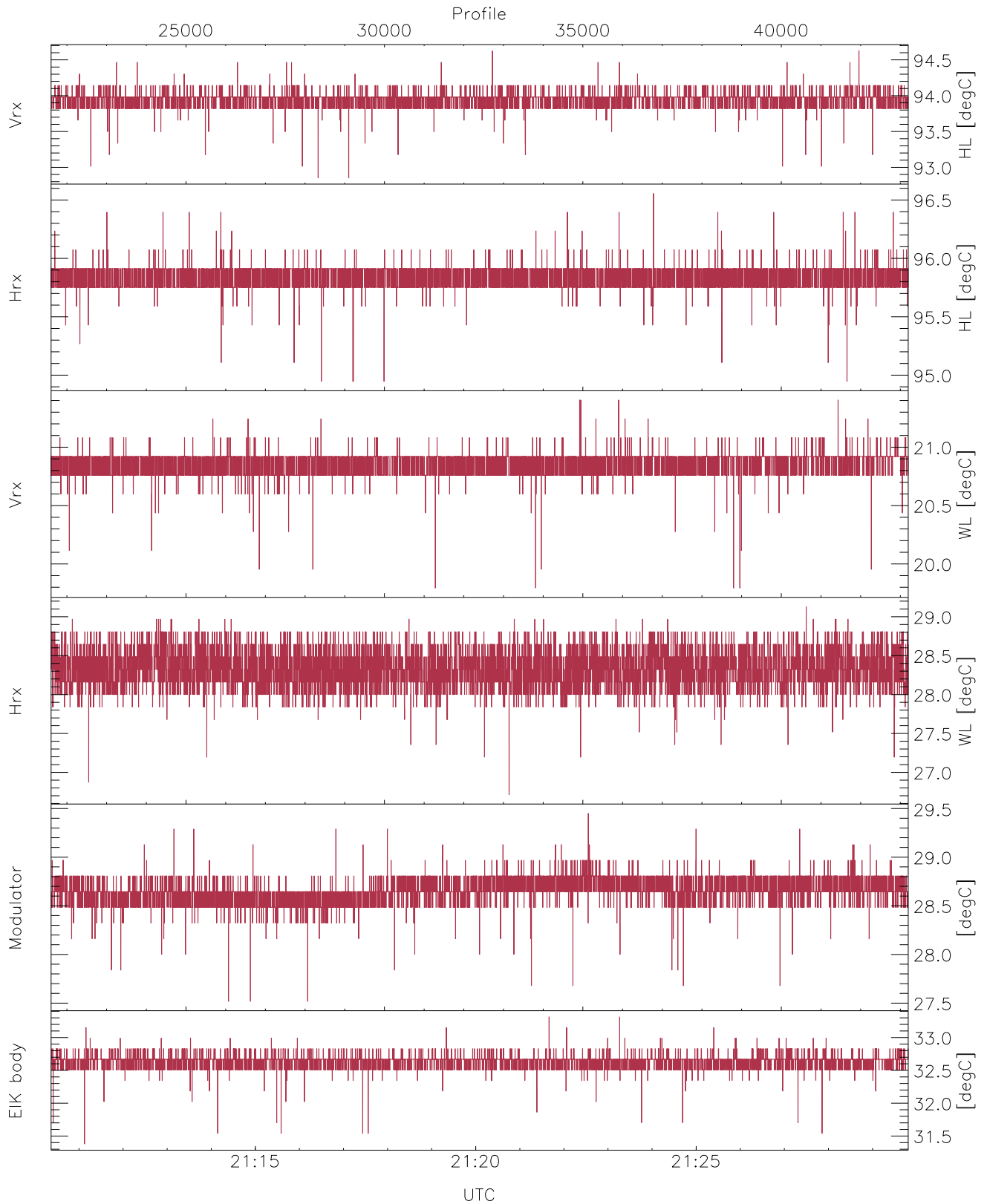


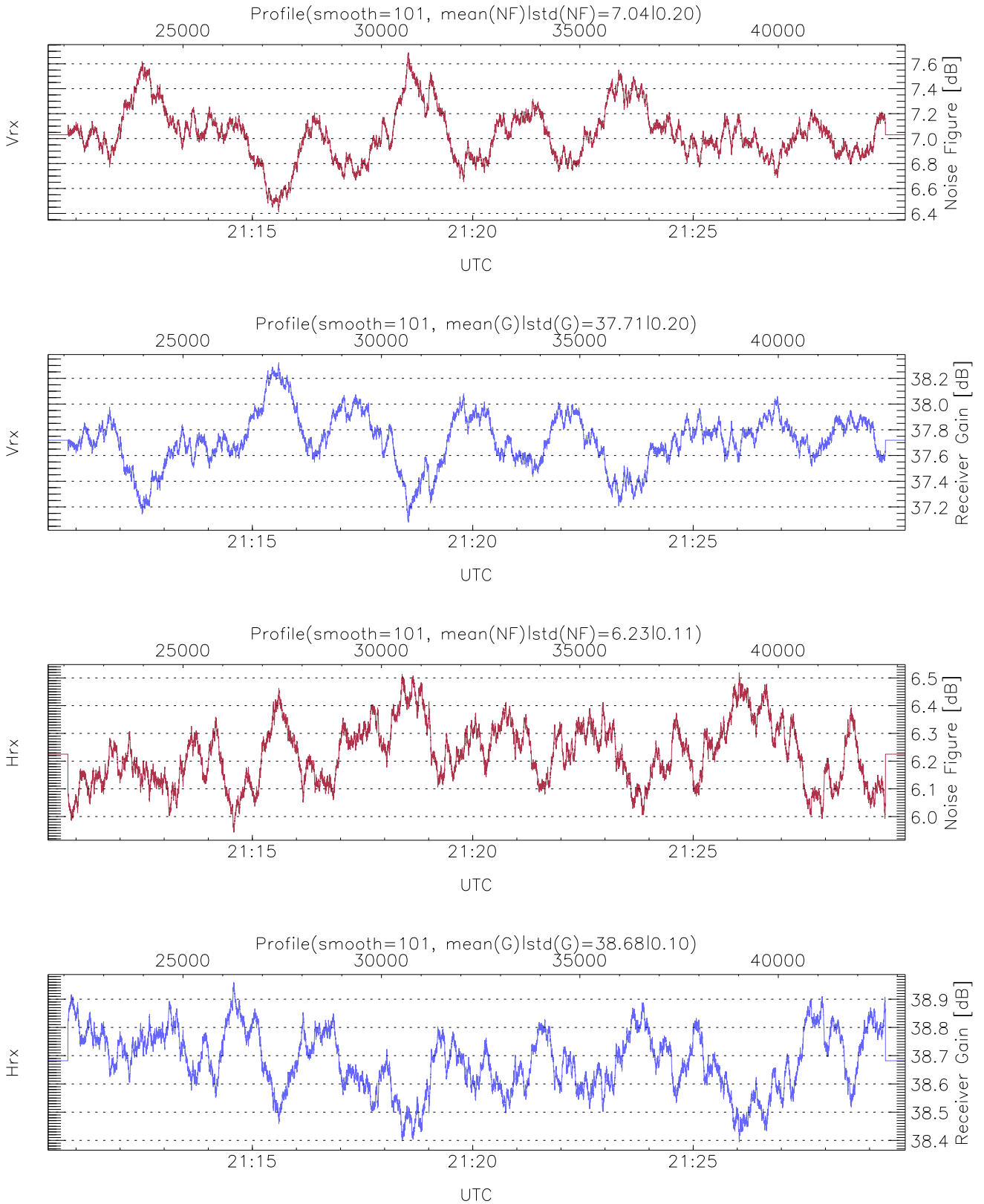
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 20:50:55-21:36:18, Dur: 2722.98s  
 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): 21600/50414, 21600-43199/21:10:22-21:29:49  
 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



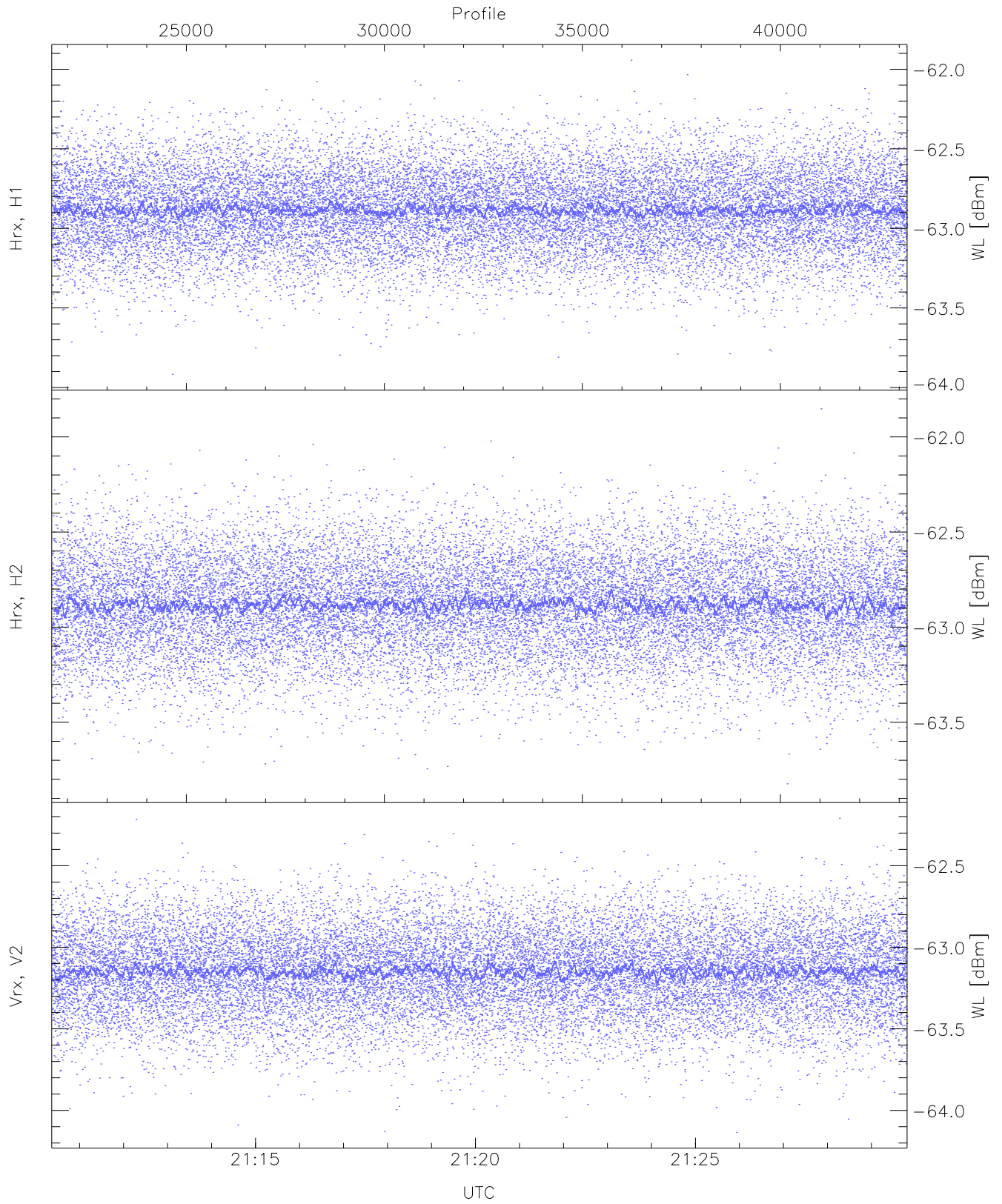
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,27,31  
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,CollT,BodyCurr,DeckF,OverDuty,HVPS (4,4,9,9,4,15)



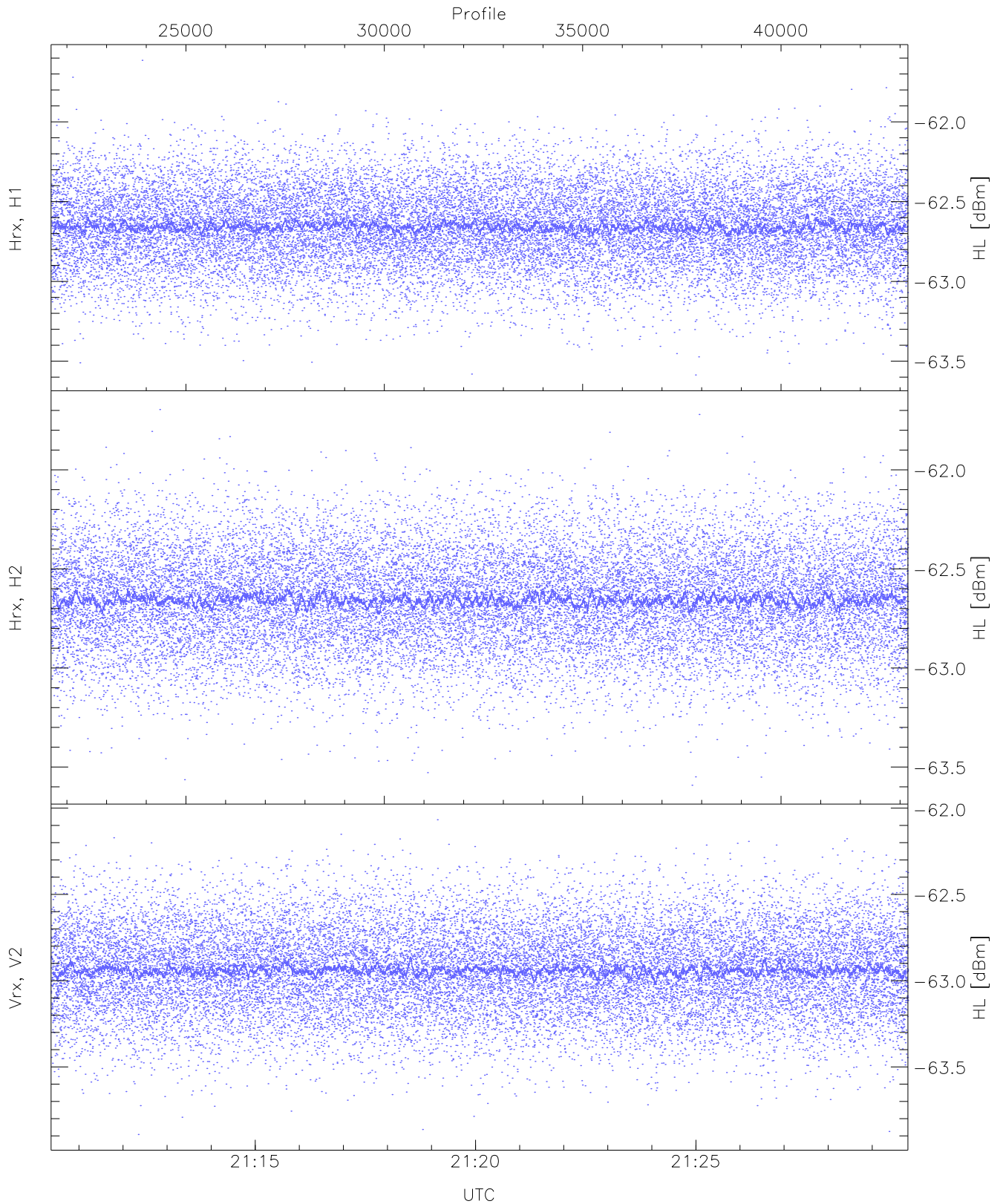
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 281 pixs, 34 gates, 281 profs, 1 prods



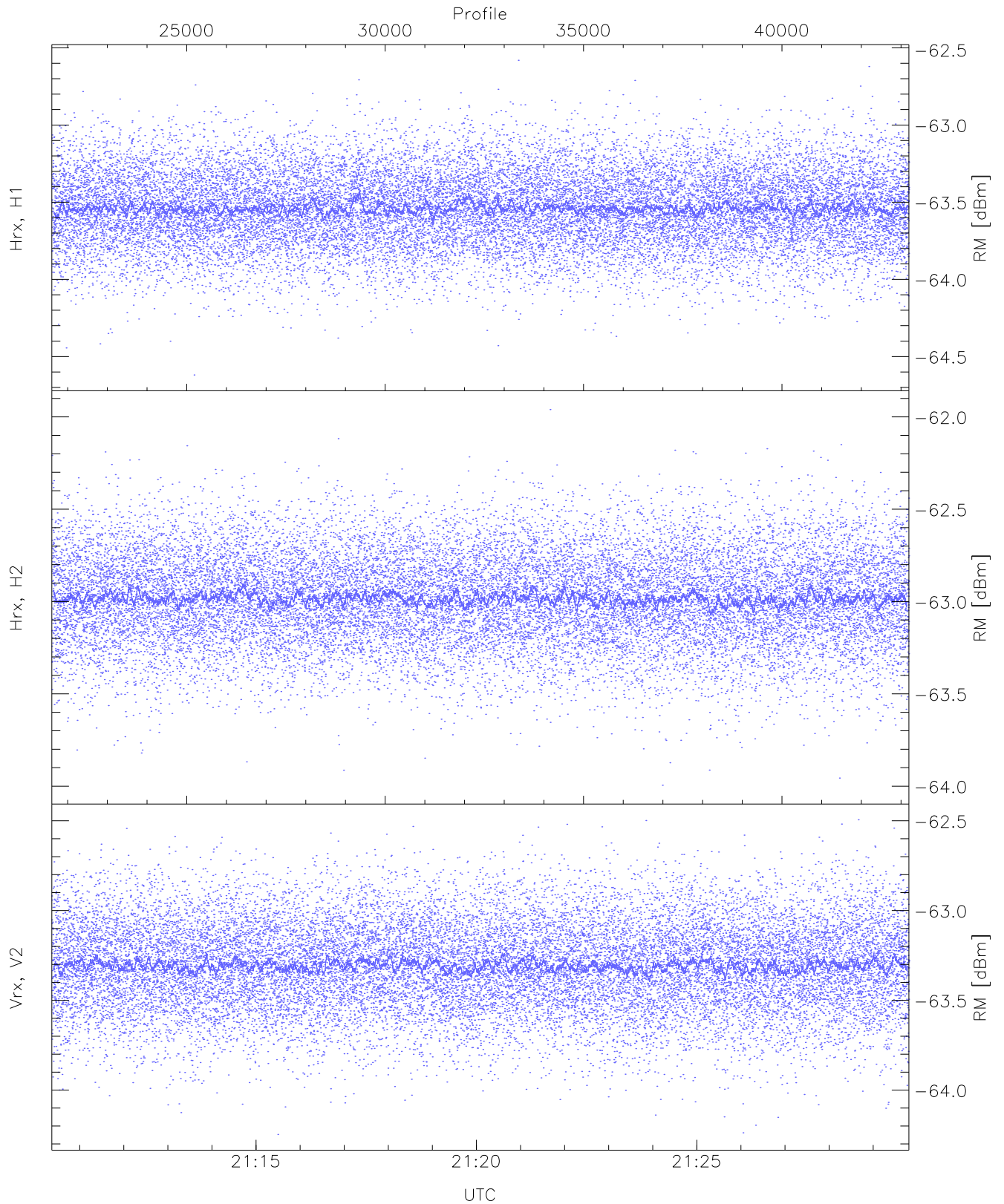
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.92	-61.94	-62.88	-62.88	-75.60
Hrx, H2(WL [dBm])	-63.82	-61.85	-62.88	-62.88	-75.60
Vrx, V2(WL [dBm])	-64.13	-62.21	-63.15	-63.15	-75.83



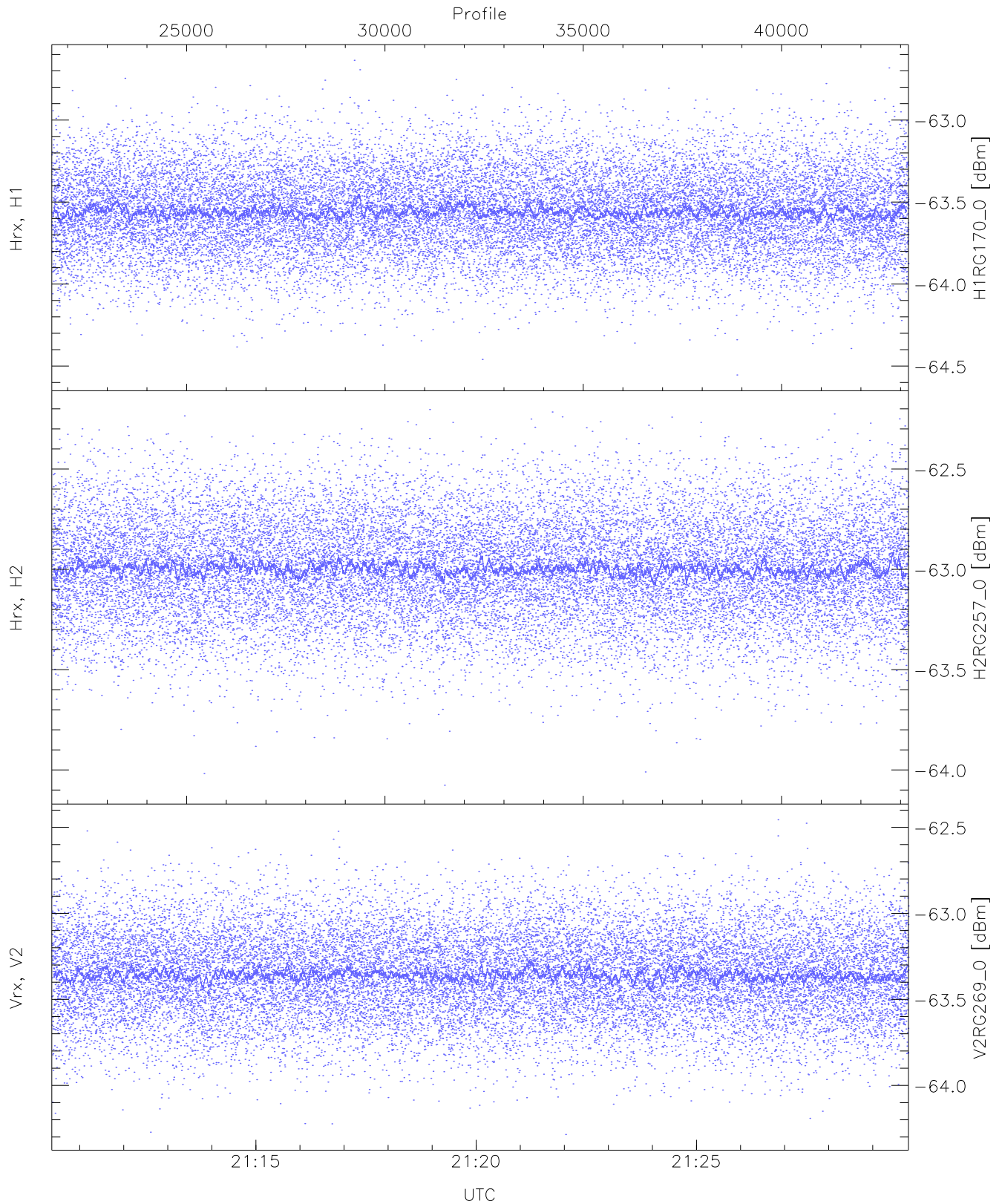
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.59	-61.61	-62.65	-62.66	-75.39
Hrx, H2 (HL [dBm])	-63.59	-61.70	-62.65	-62.66	-75.40
Vrx, V2 (HL [dBm])	-63.89	-62.07	-62.94	-62.94	-75.64



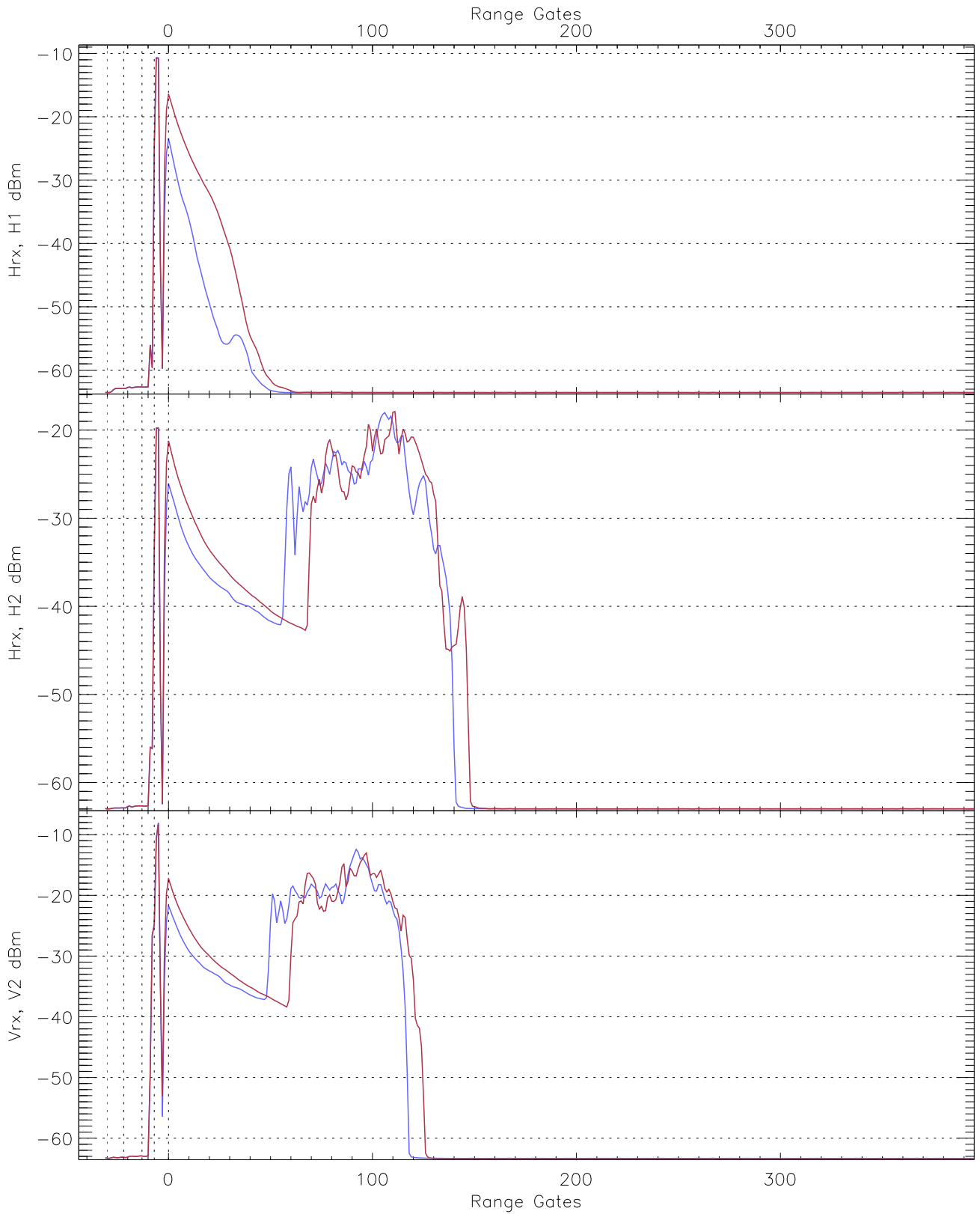
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.62	-62.58	-63.54	-63.54	-76.25
Hrx, H2 (RM [dBm])	-63.99	-61.96	-62.98	-62.99	-75.68
Vrx, V2 (RM [dBm])	-64.25	-62.49	-63.30	-63.31	-76.00



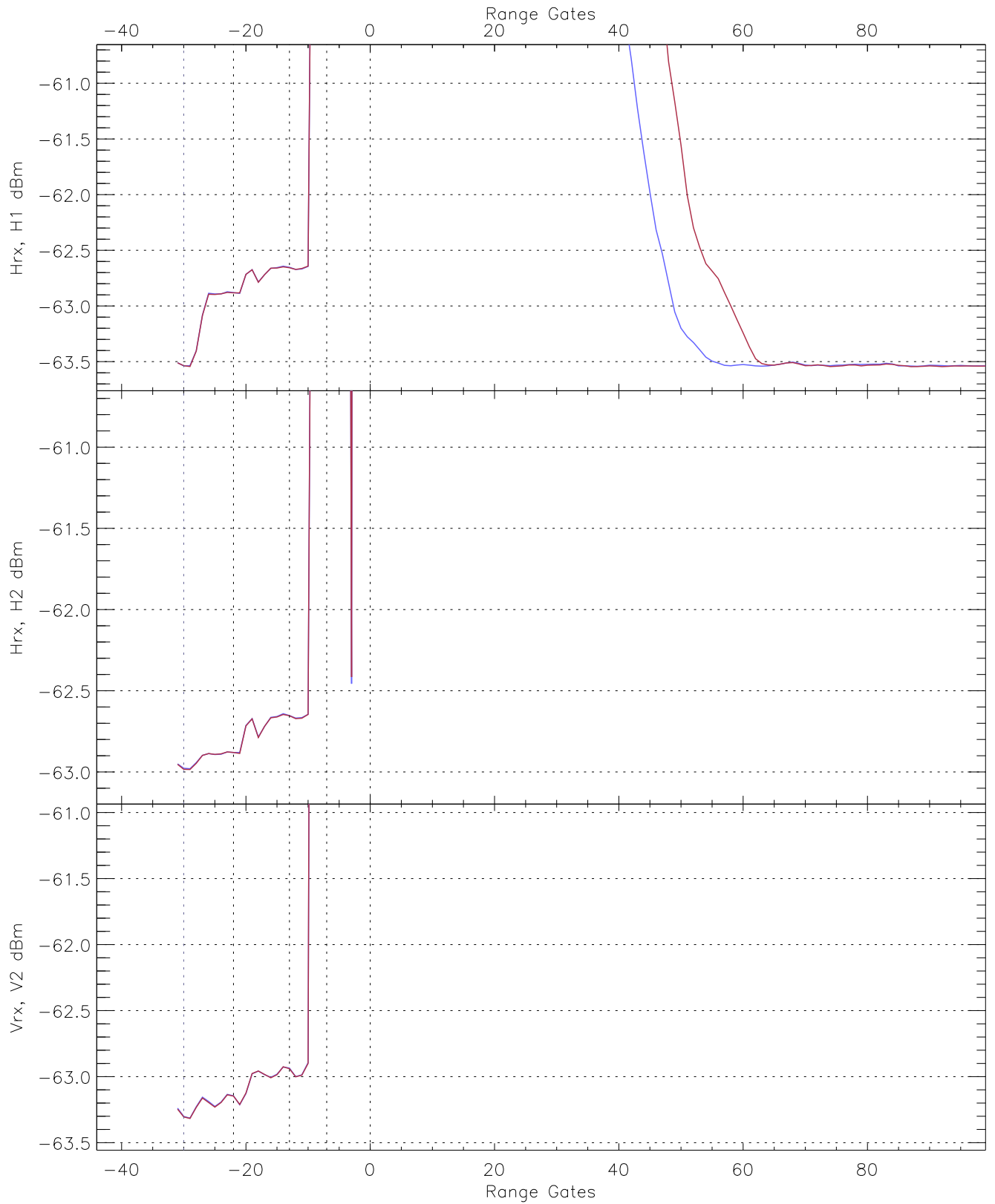
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.55	-62.64	-63.56	-63.56	-76.23
H2RG257_0 [dBm]	-64.08	-62.20	-62.99	-63.00	-75.67
V2RG269_0 [dBm]	-64.29	-62.46	-63.36	-63.36	-76.04

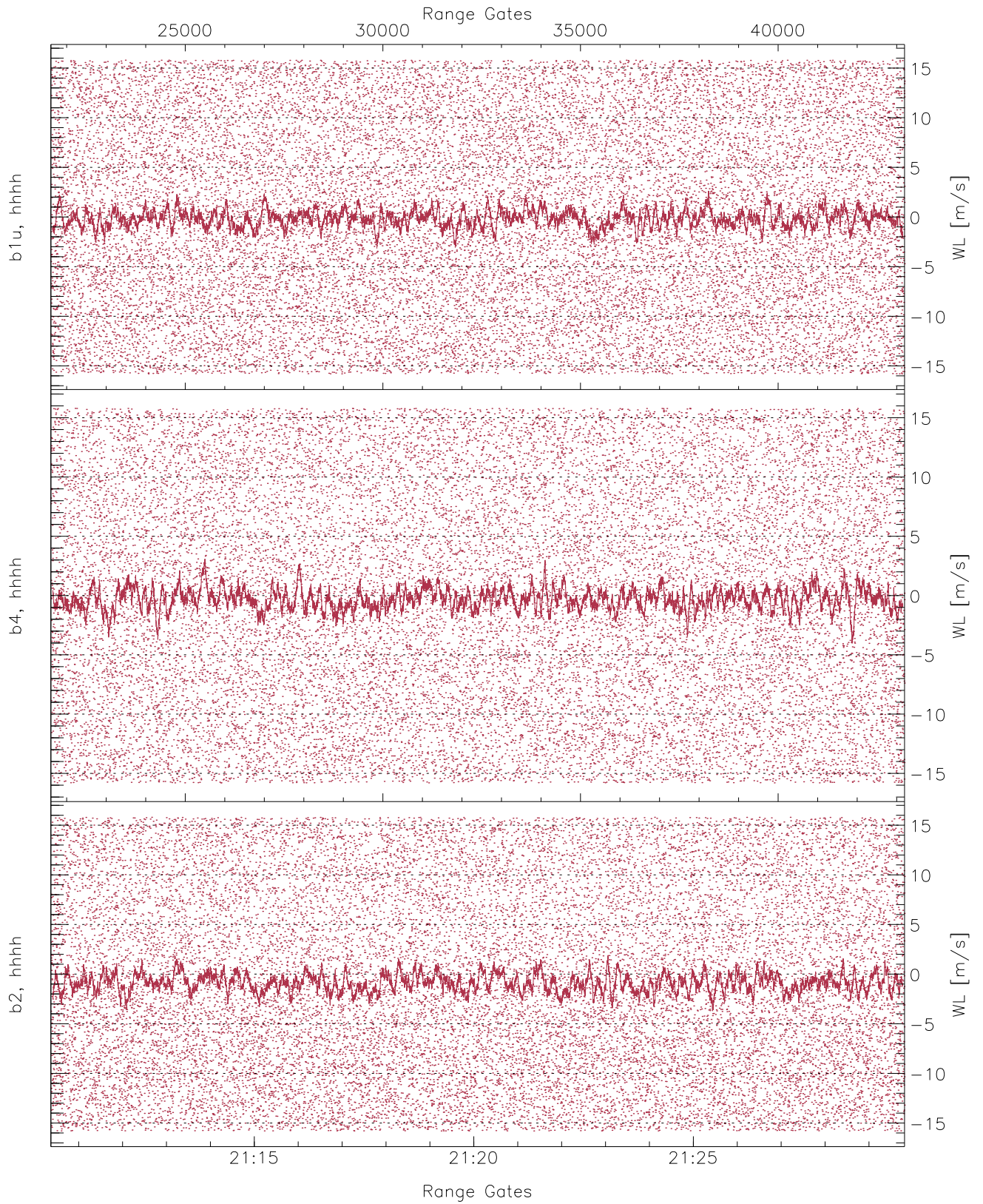


WCR2 CPP Averaged Received power for all recorded gates  
blue: 211022-212005, 10801 profiles averaged  
red: 212005-212949, 10800 profiles averaged

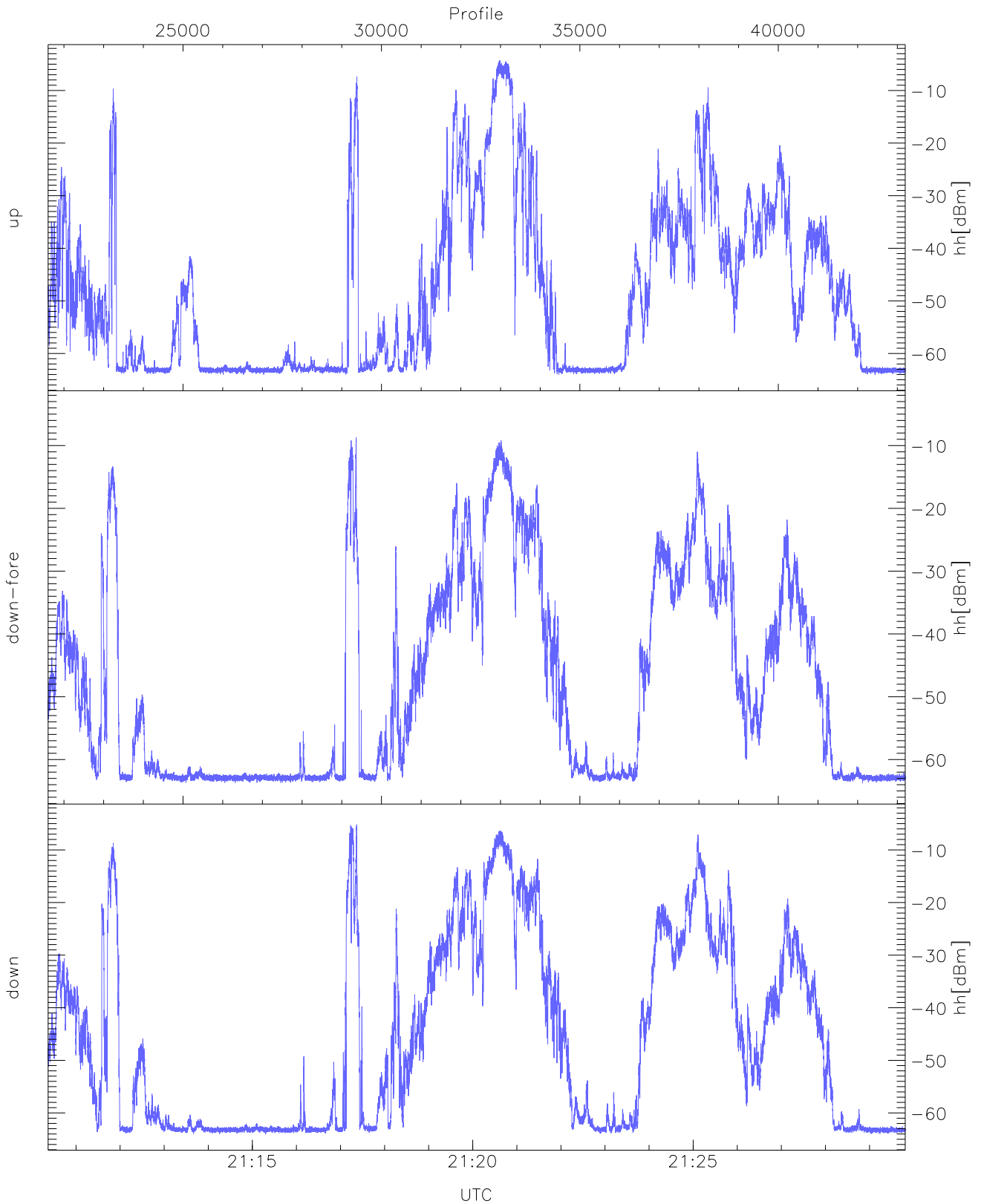




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 211022-212005, 10801 profiles averaged  
red: 212005-212949, 10800 profiles averaged

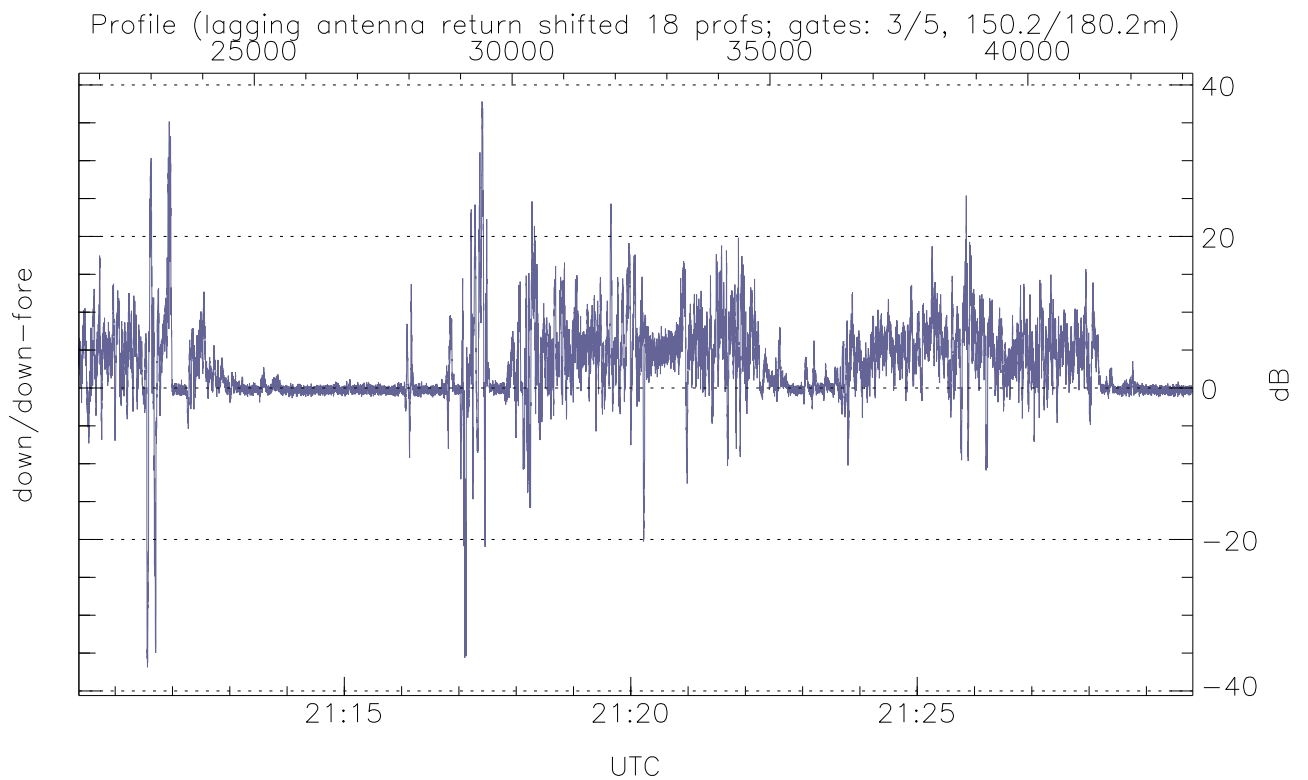
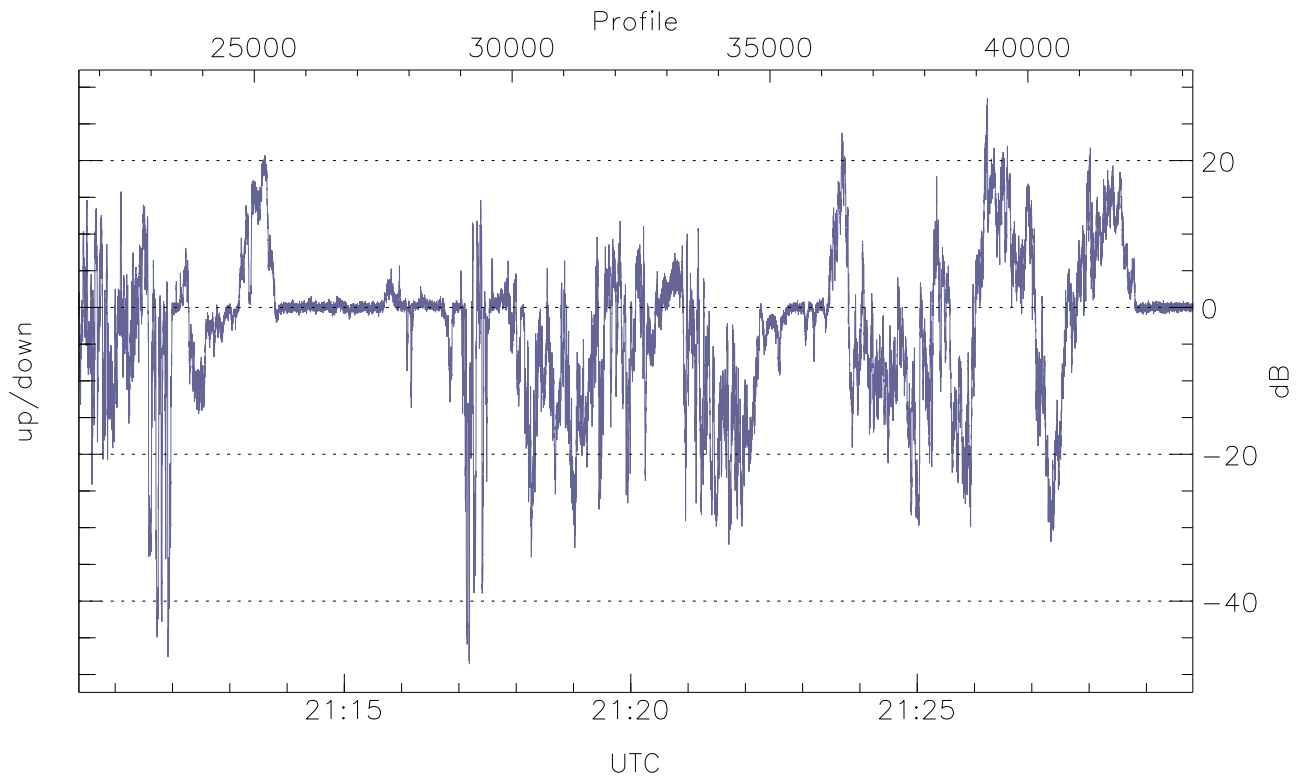


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



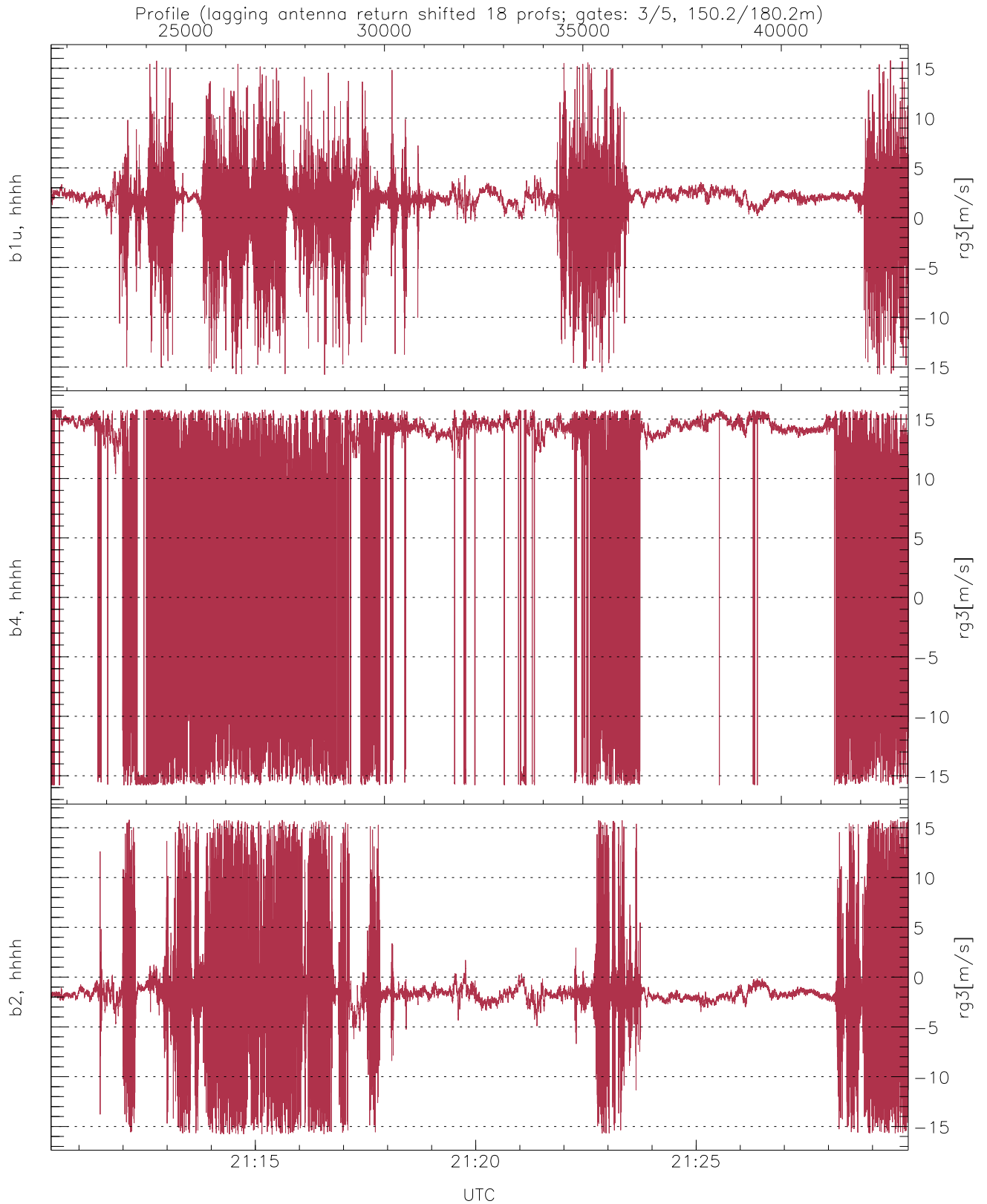
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.09	-4.26	-22.04
down-fore(hh[dBm])	-63.77	-8.70	-25.68
down(hh[dBm])	-64.07	-5.18	-21.85



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

	Min	Max	Mean
up/down (dB)	-48.58	28.49	-2.81
down/down-fore (dB)	-36.87	37.81	2.91



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.77	15.79	1.37	2.74
b4, hhhh(rg3[m/s])	-15.80	15.80	8.12	10.28
b2, hhhh(rg3[m/s])	-15.80	15.80	-1.51	4.53