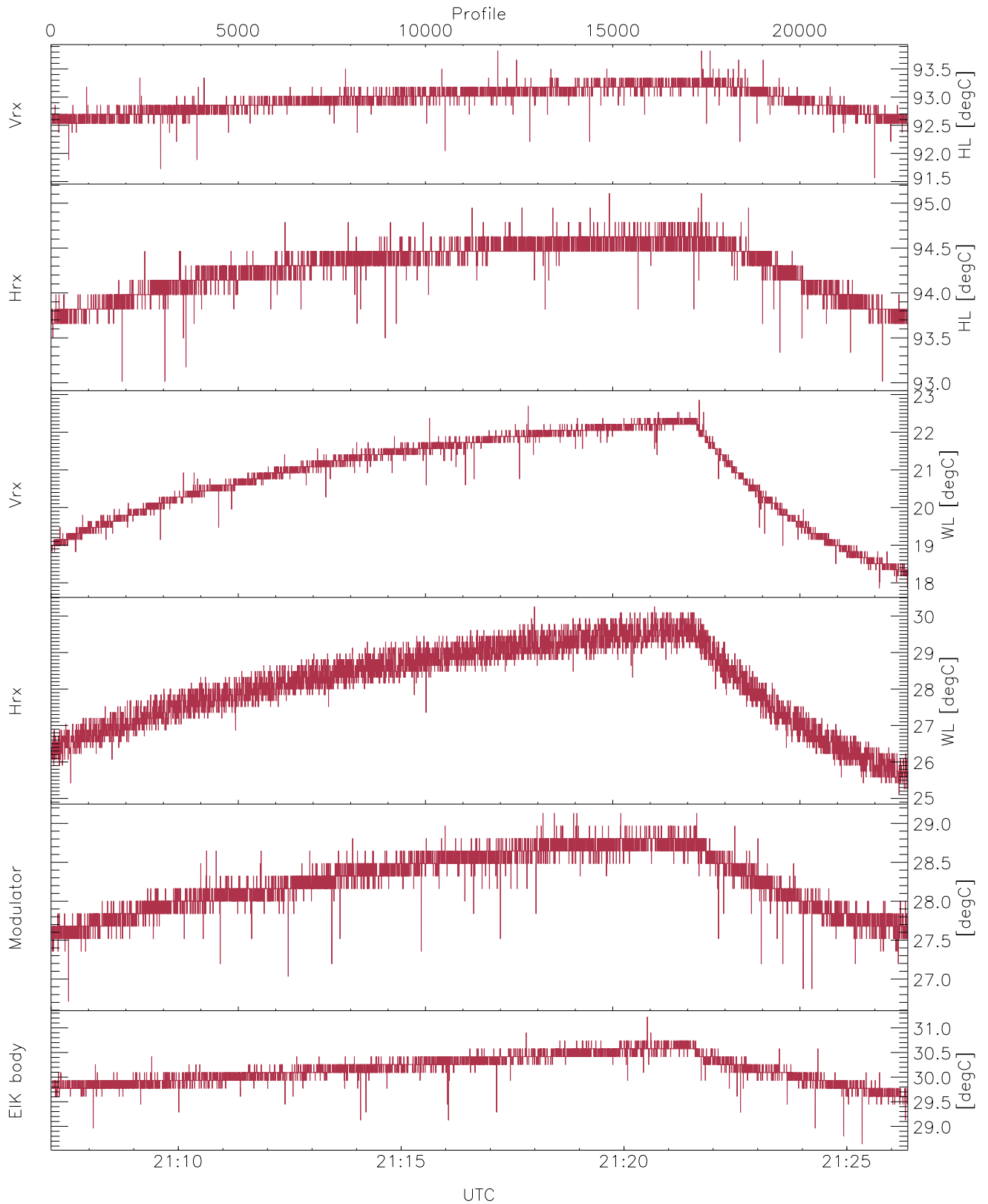


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

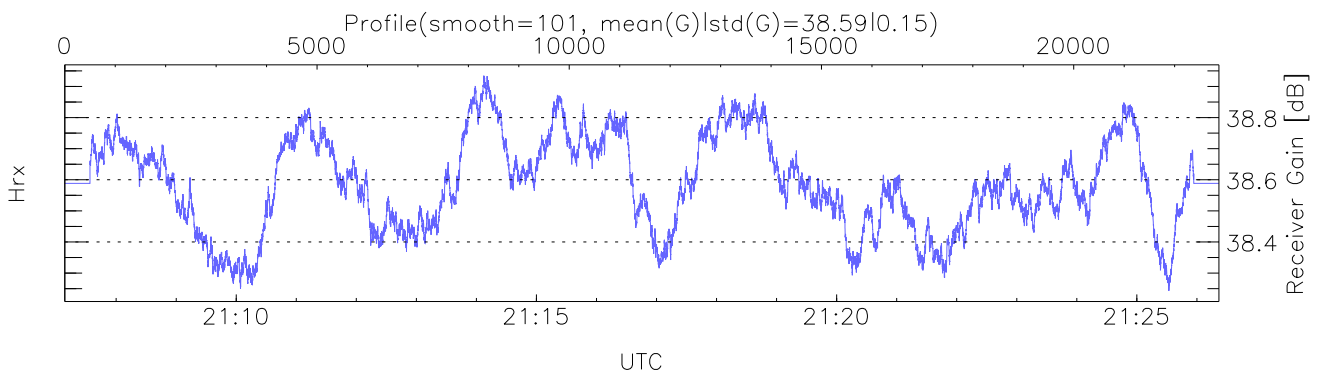
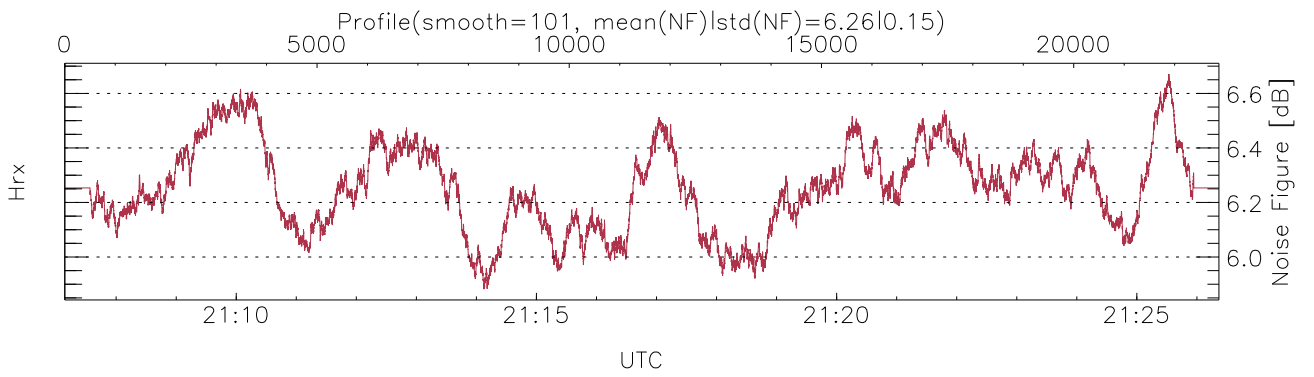
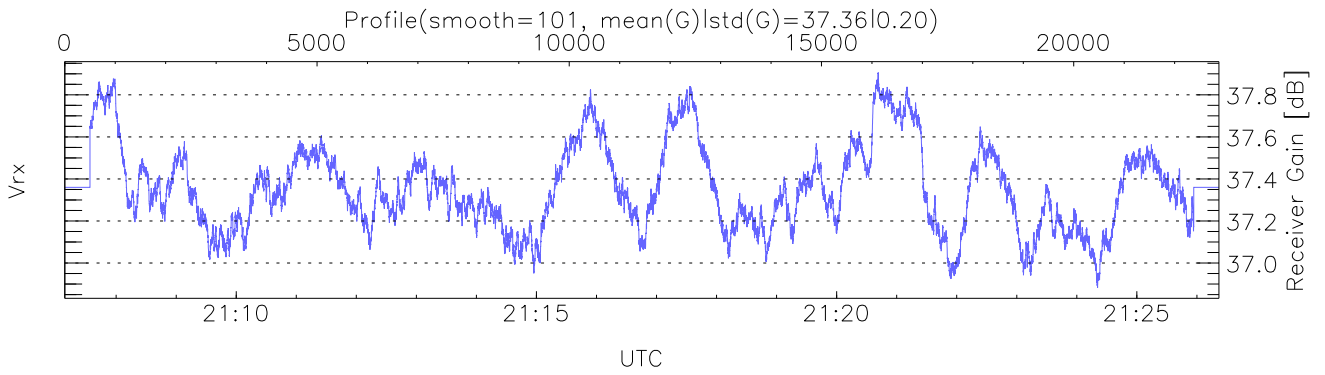
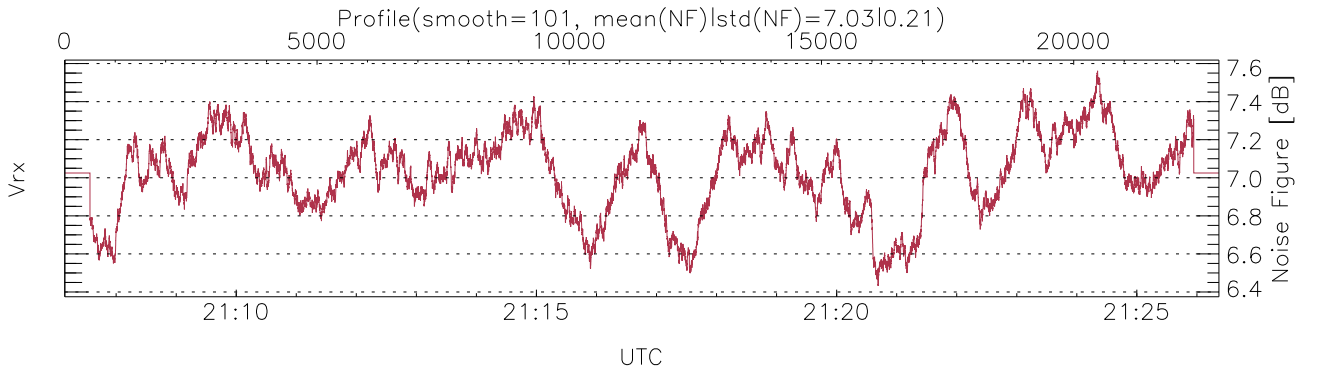
UTC: 21:07:09-21:26:22, Dur: 1153.39s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22880/22880, 0-22879/21:07:09-21:26:22
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

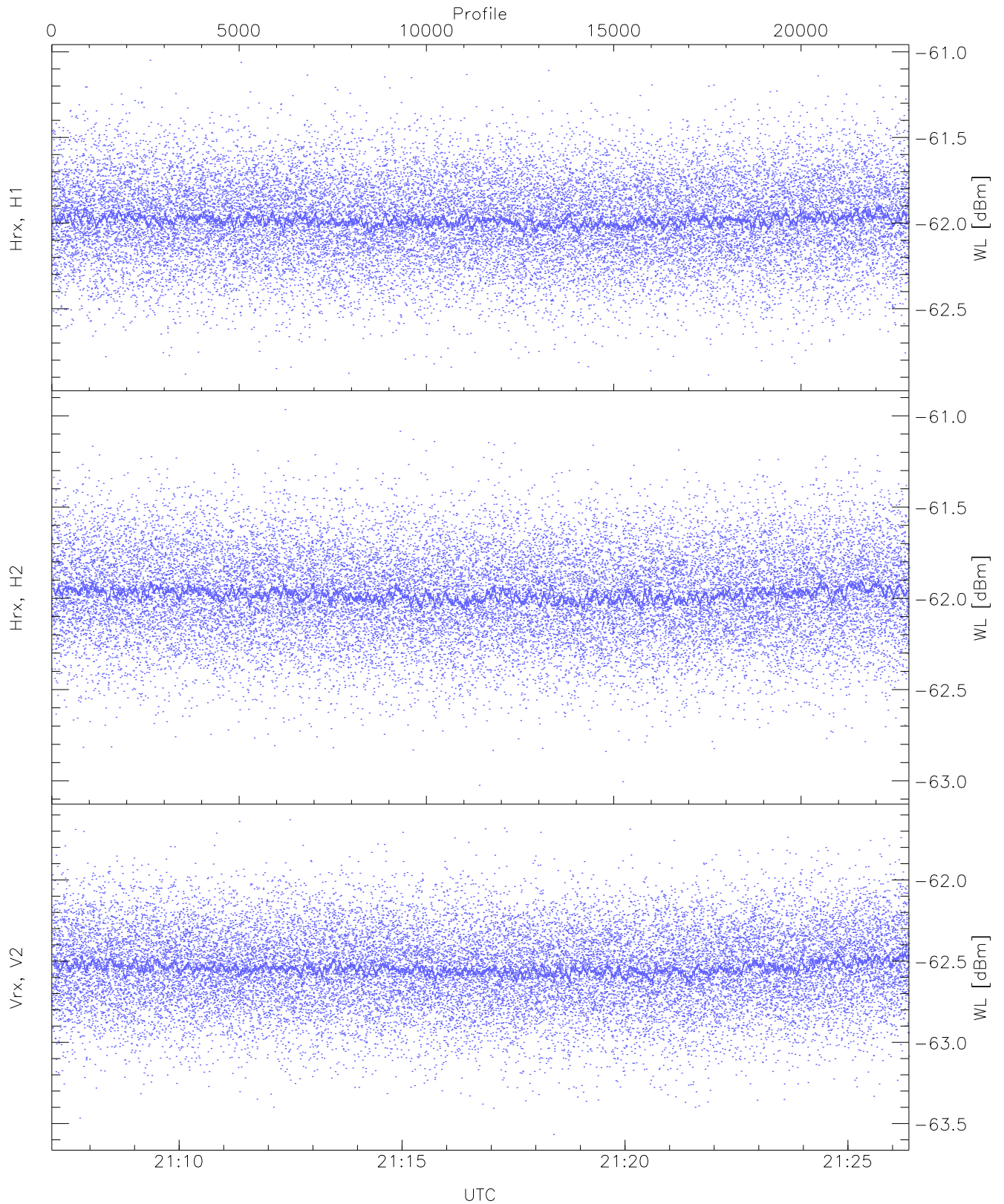
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,25,26,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,29,31
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (25,25,25,25,25,18)



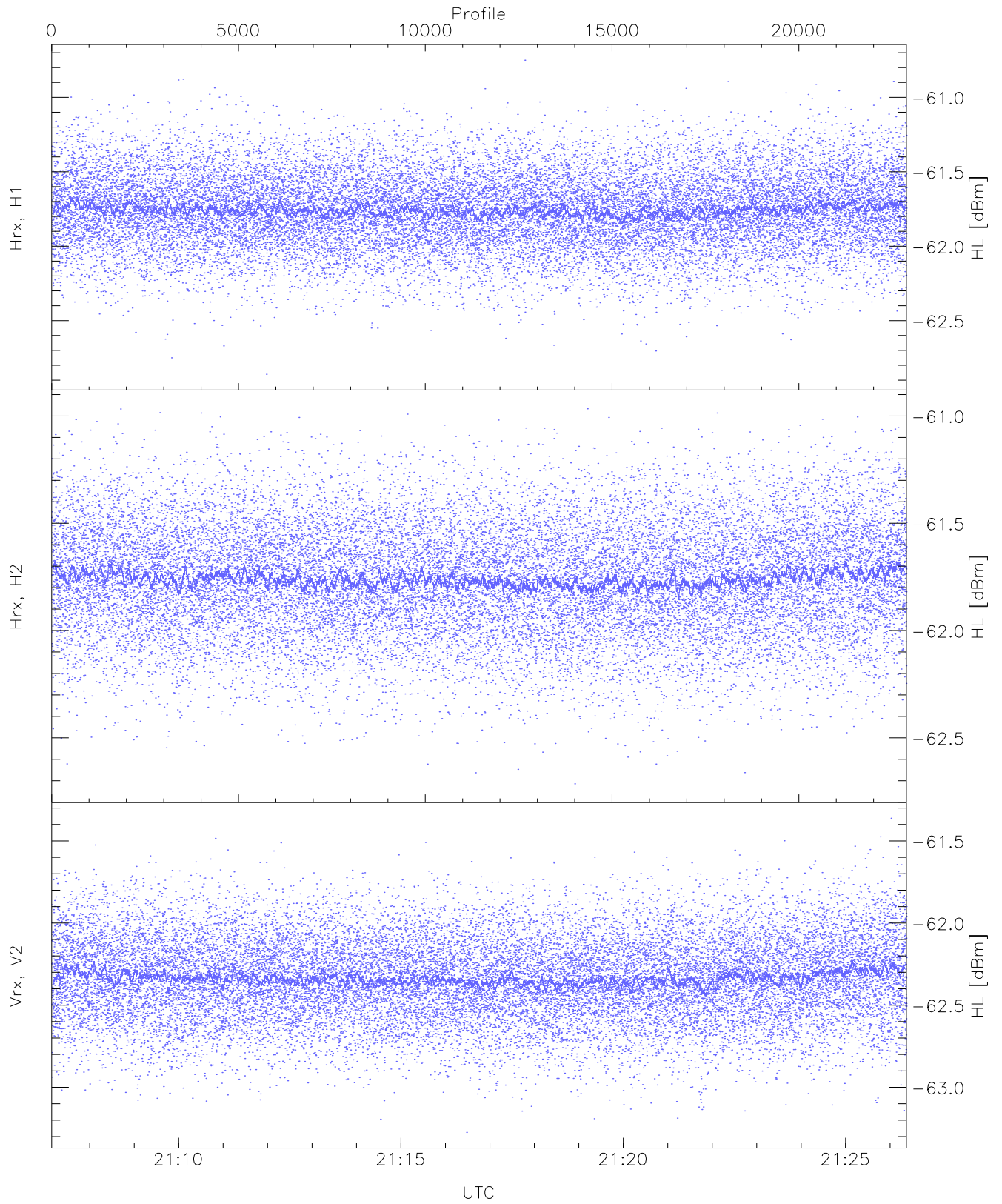
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4776 pixs, 34 gates, 4747 profs, 2 prods



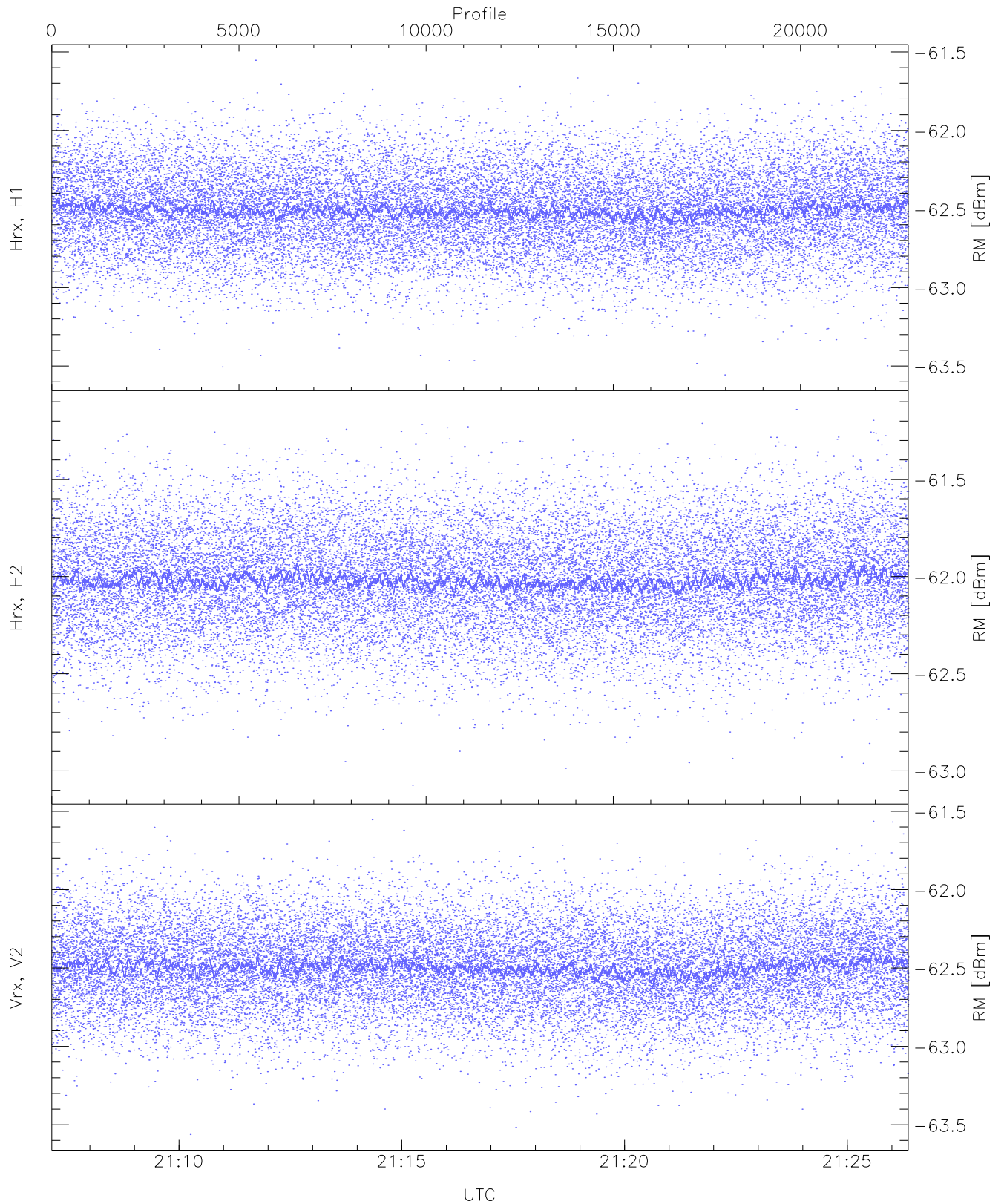
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.89	-61.05	-61.98	-61.98	-74.55
Hrx, H2(WL [dBm])	-63.02	-60.97	-61.98	-61.98	-74.51
Vrx, V2(WL [dBm])	-63.57	-61.63	-62.54	-62.54	-75.09



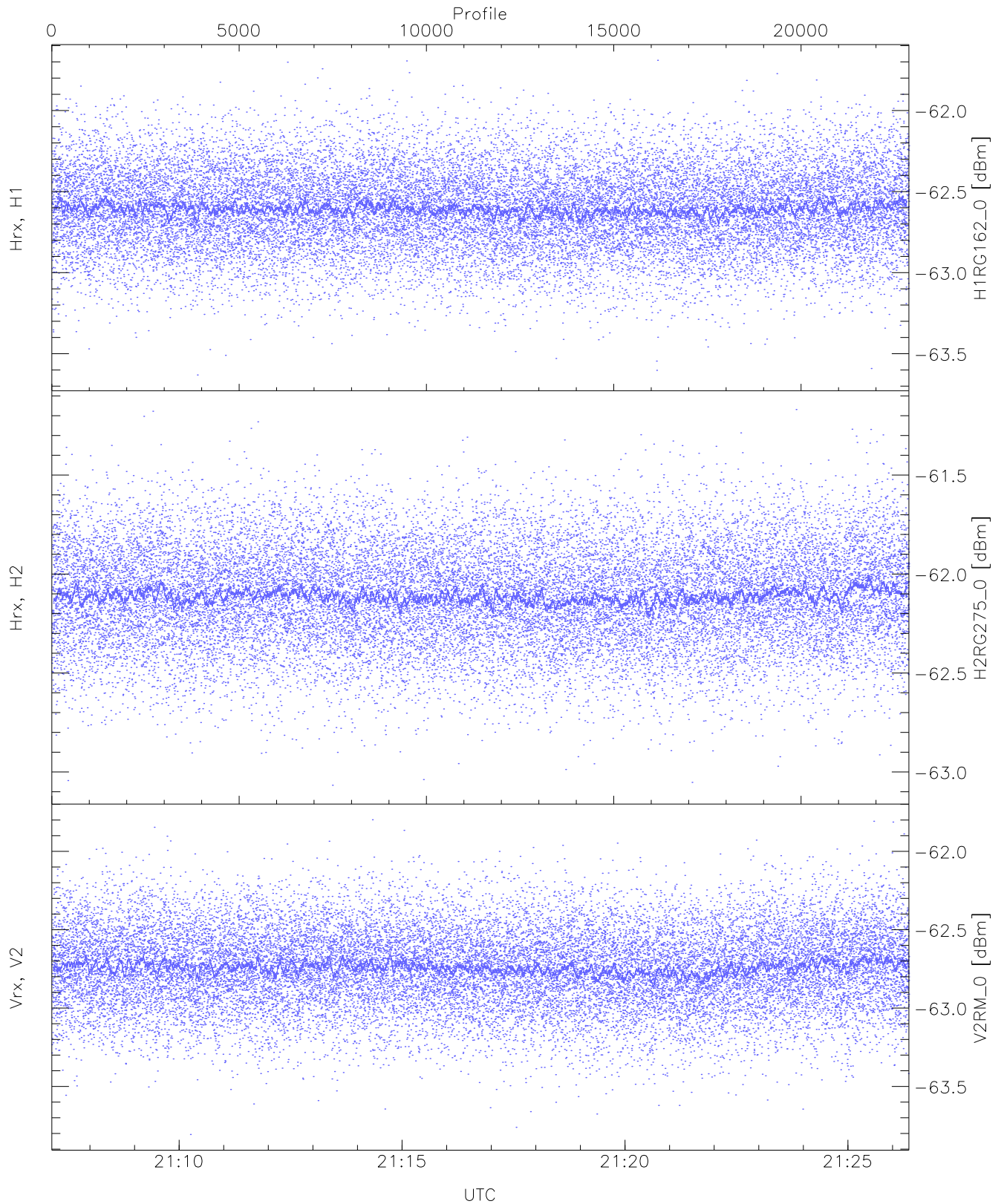
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.86	-60.75	-61.76	-61.76	-74.32
Hrx, H2 (HL [dBm])	-62.71	-60.97	-61.76	-61.76	-74.31
Vrx, V2 (HL [dBm])	-63.27	-61.36	-62.33	-62.34	-74.89



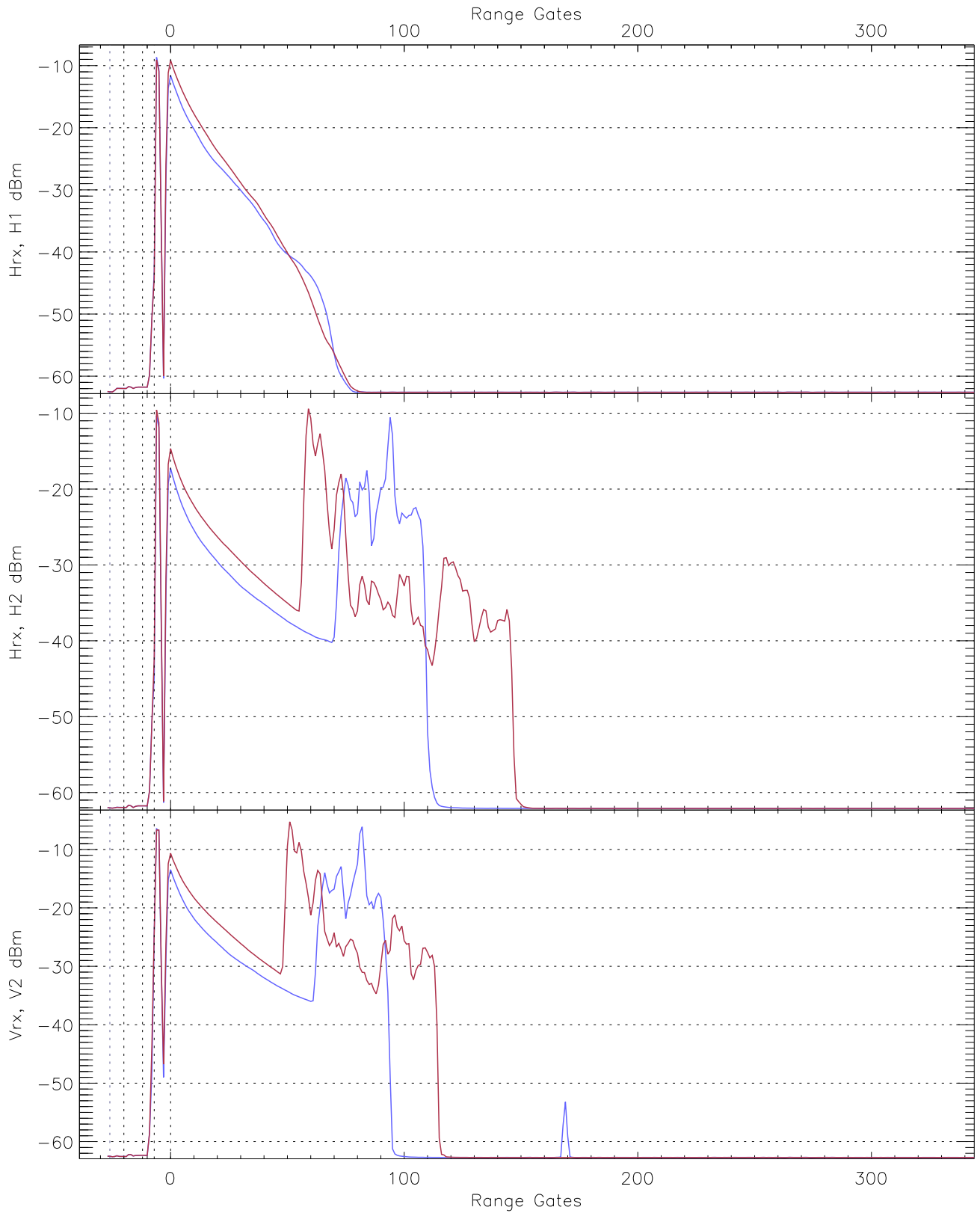
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.56	-61.55	-62.51	-62.51	-75.06
Hrx, H2 (RM [dBm])	-63.07	-61.14	-62.02	-62.02	-74.60
Vrx, V2 (RM [dBm])	-63.56	-61.55	-62.49	-62.50	-74.99

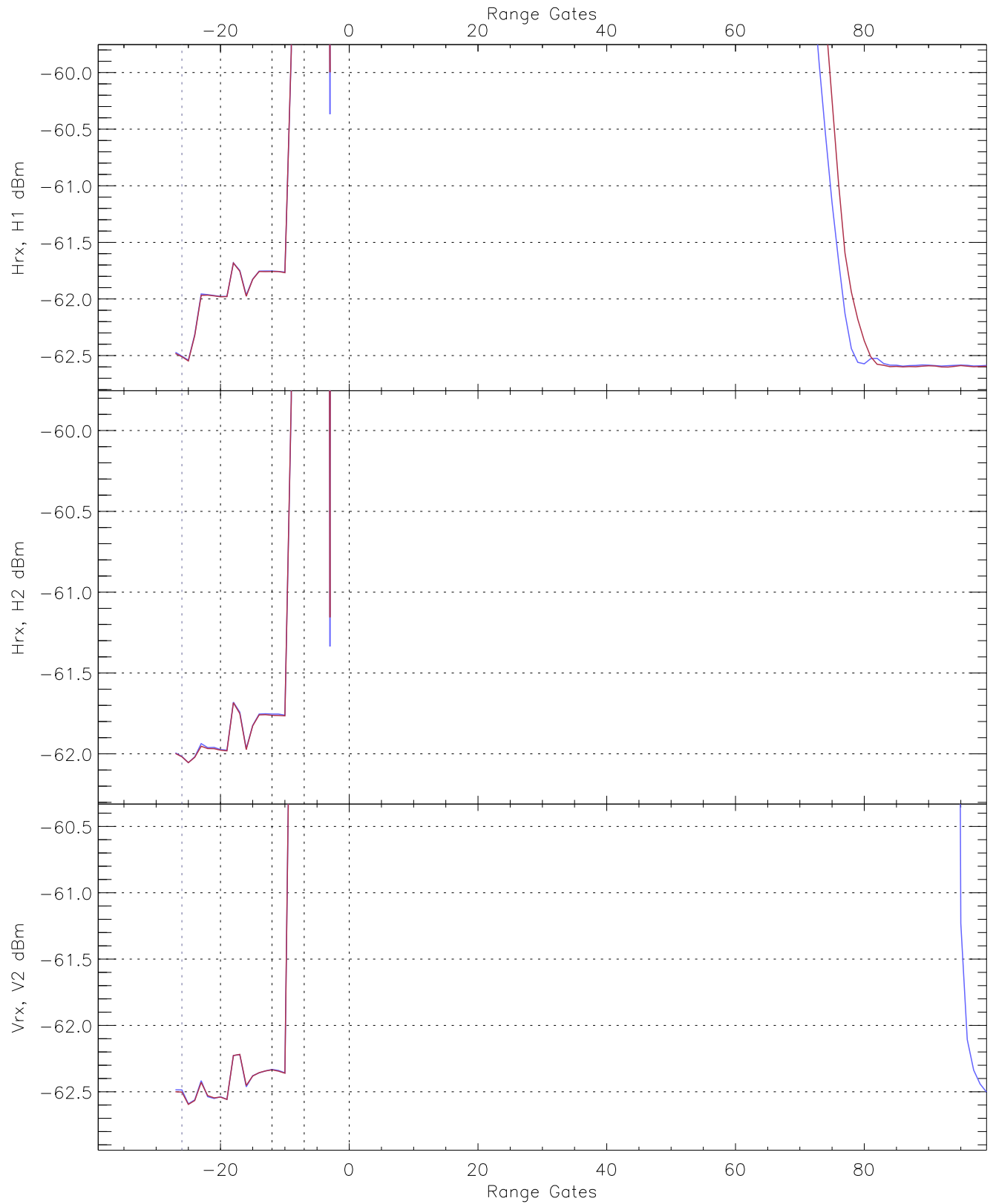


WCR2 CPP "Best" estimate Receivers Noise Power

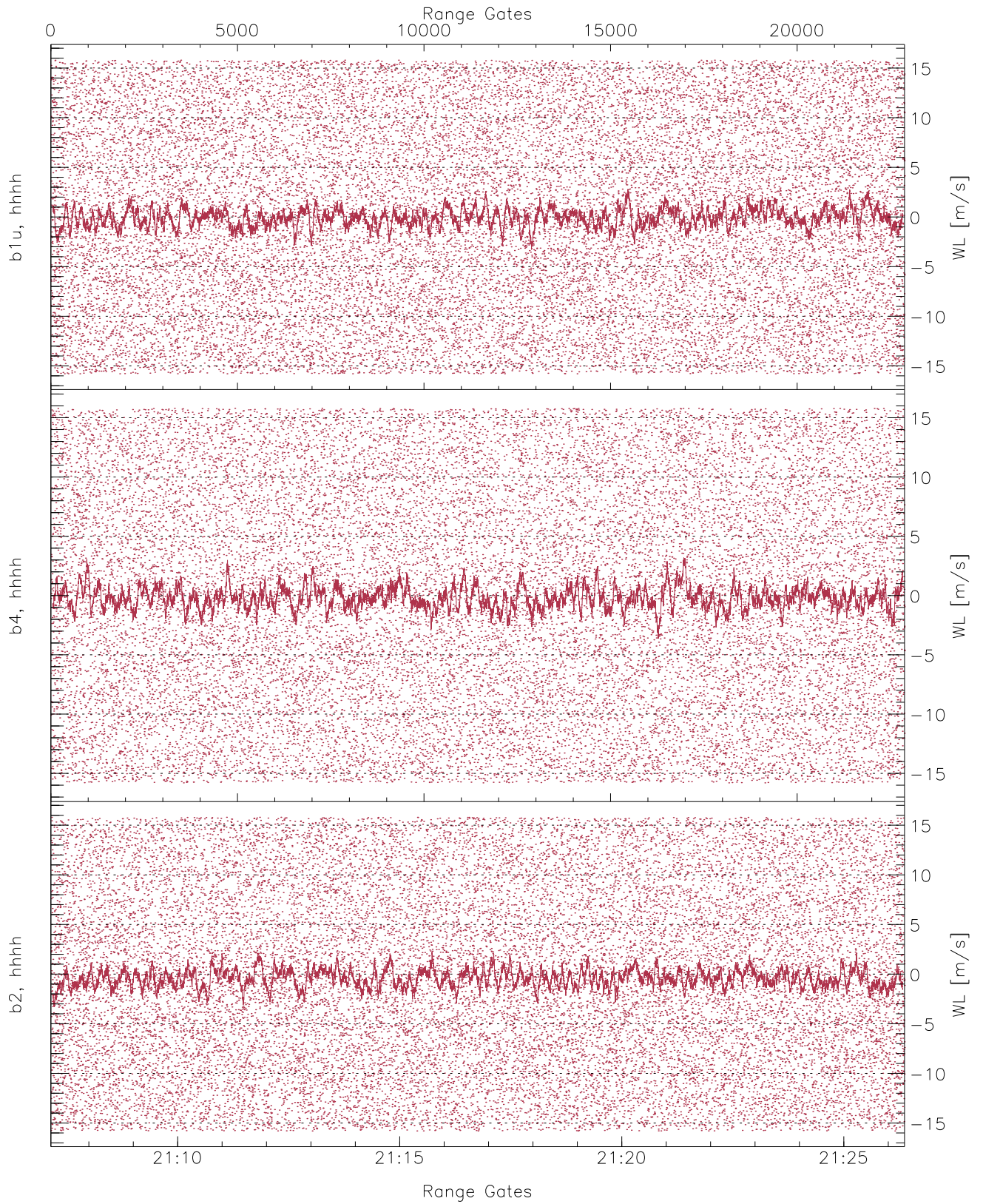
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.63	-61.69	-62.60	-62.61	-75.16
H2RG275_0 [dBm]	-63.07	-61.17	-62.11	-62.11	-74.68
V2RM_0 [dBm]	-63.81	-61.80	-62.74	-62.74	-75.23



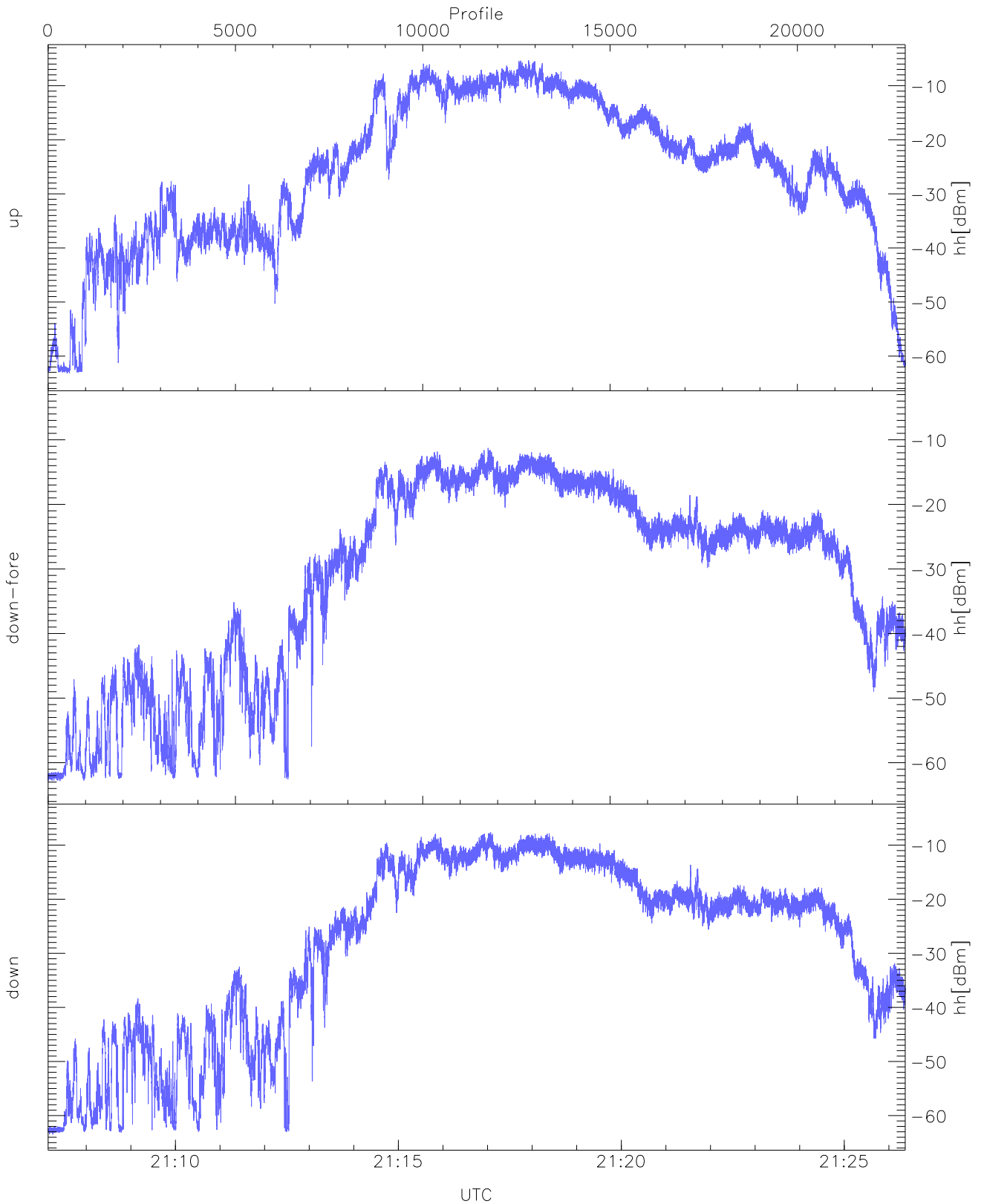
WCR2 CPP Averaged Received power for all recorded gates
blue: 210709-211645, 11441 profiles averaged
red: 211645-212622, 11440 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 210709-211645, 11441 profiles averaged
red: 211645-212622, 11440 profiles averaged

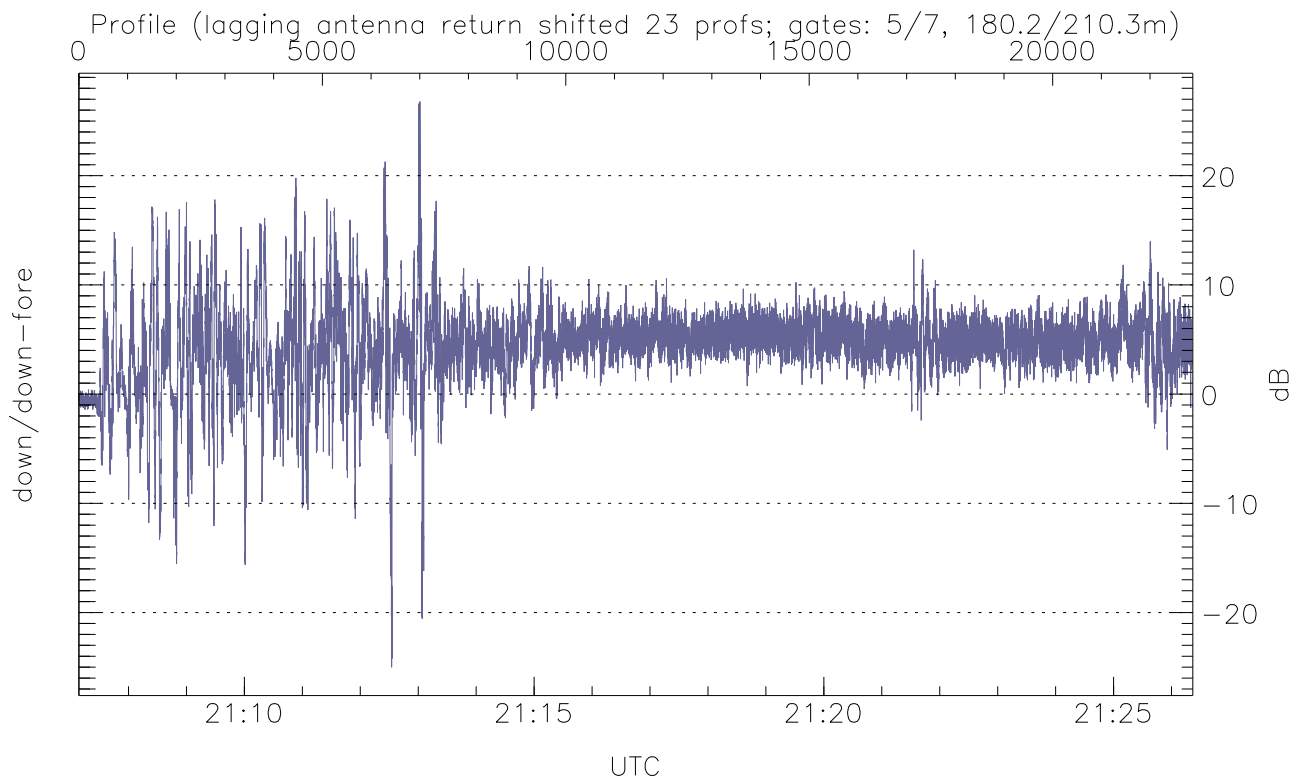
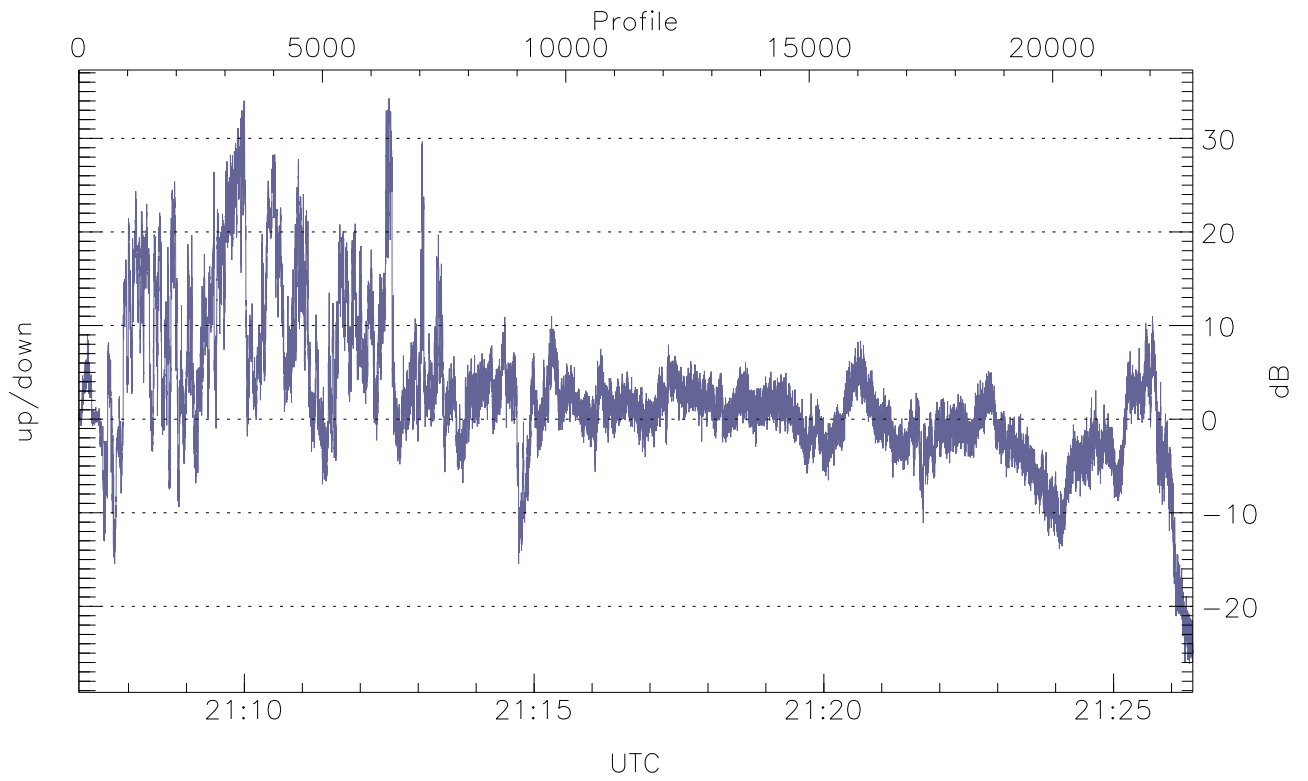


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



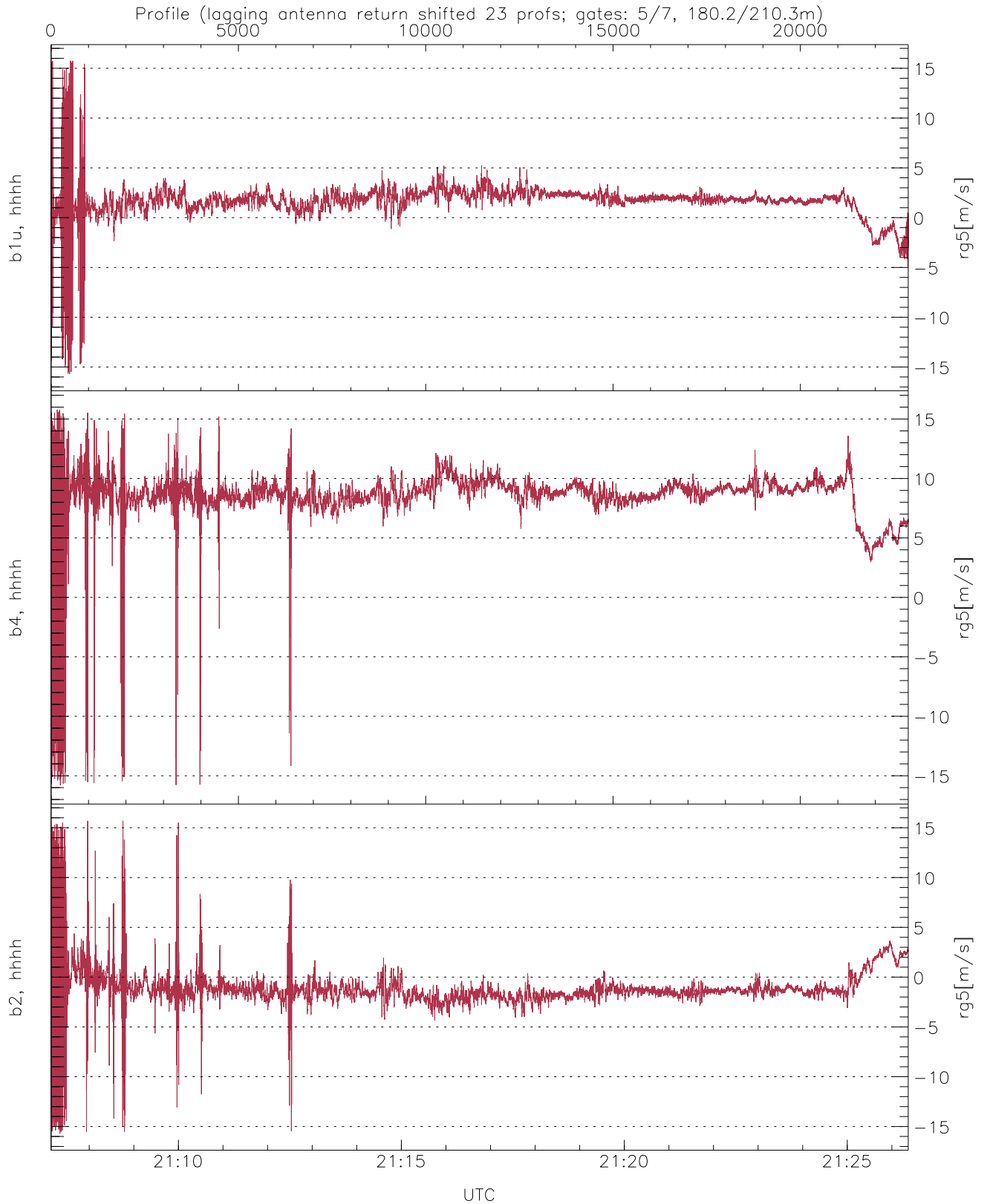
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.15	-5.31	-15.16
down-fore(hh[dBm])	-62.85	-11.27	-20.46
down(hh[dBm])	-63.49	-7.58	-16.55



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

	Min	Max	Mean
up/down (dB)	-26.17	34.28	2.37
down/down-fore (dB)	-25.01	26.79	4.44



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.72	15.75	1.63	1.57
b4, hhhh(rg5[m/s])	-15.80	15.79	8.46	2.38
b2, hhhh(rg5[m/s])	-15.72	15.70	-1.14	1.75