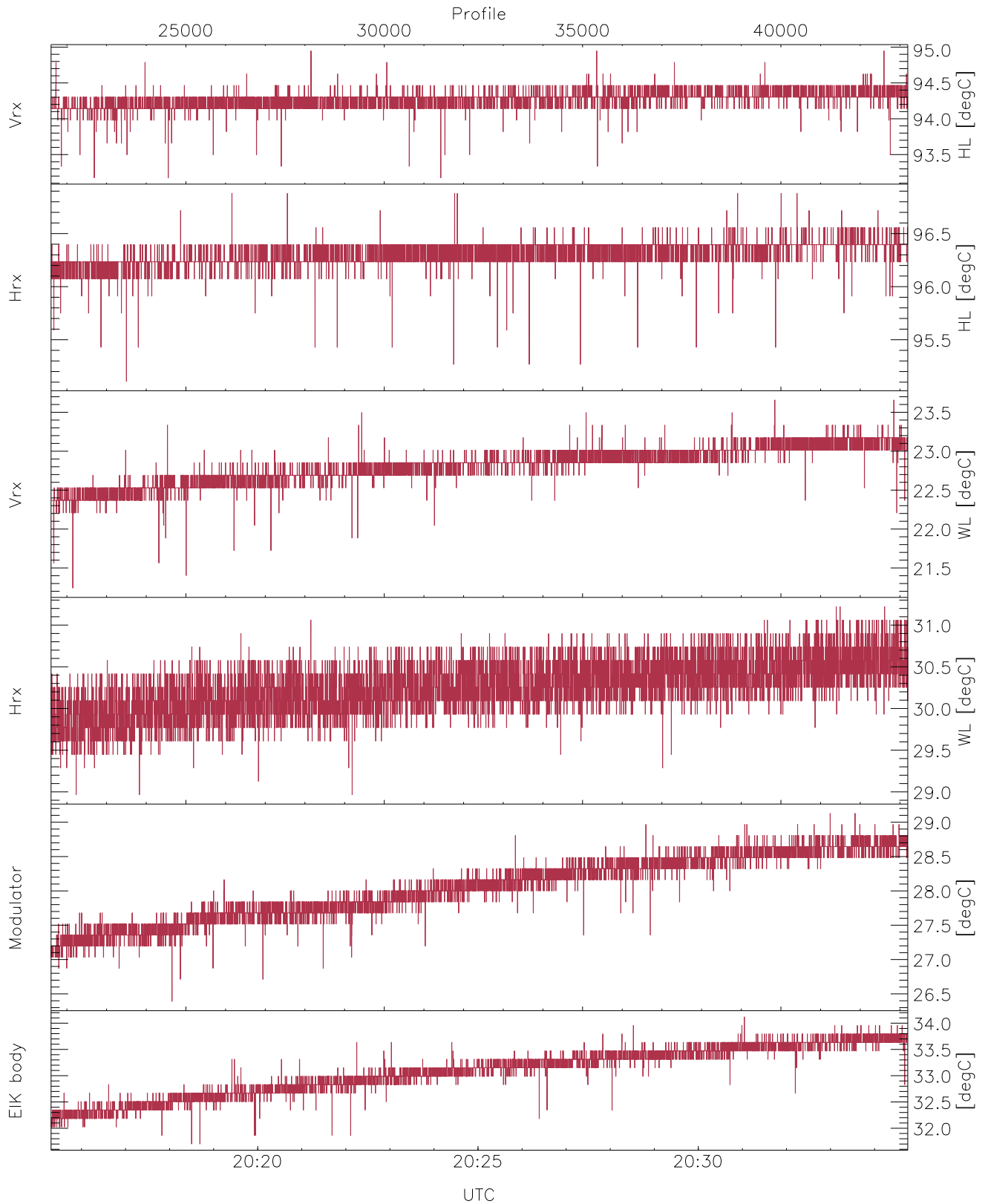


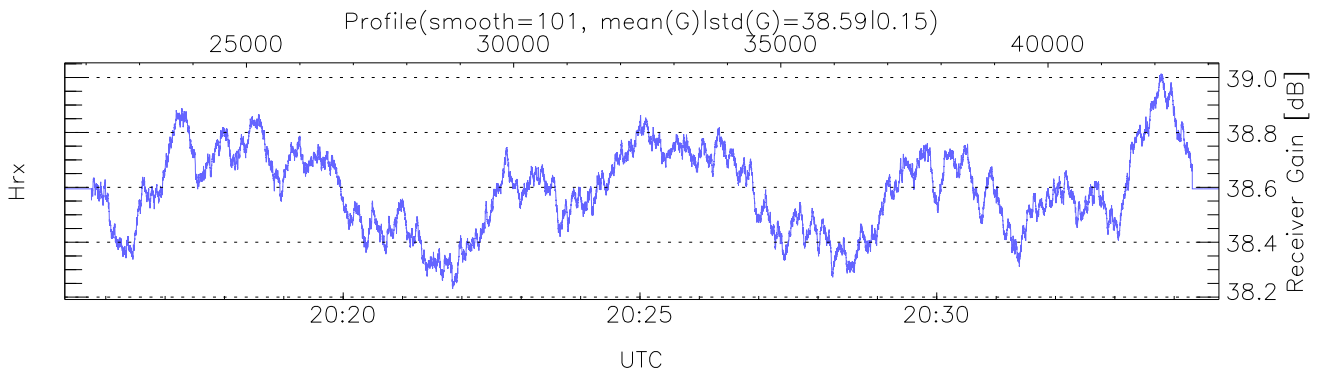
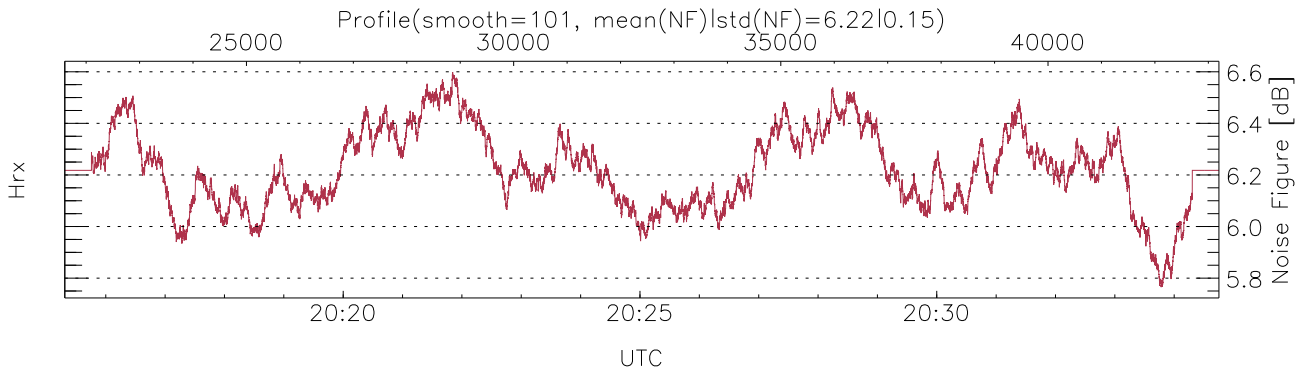
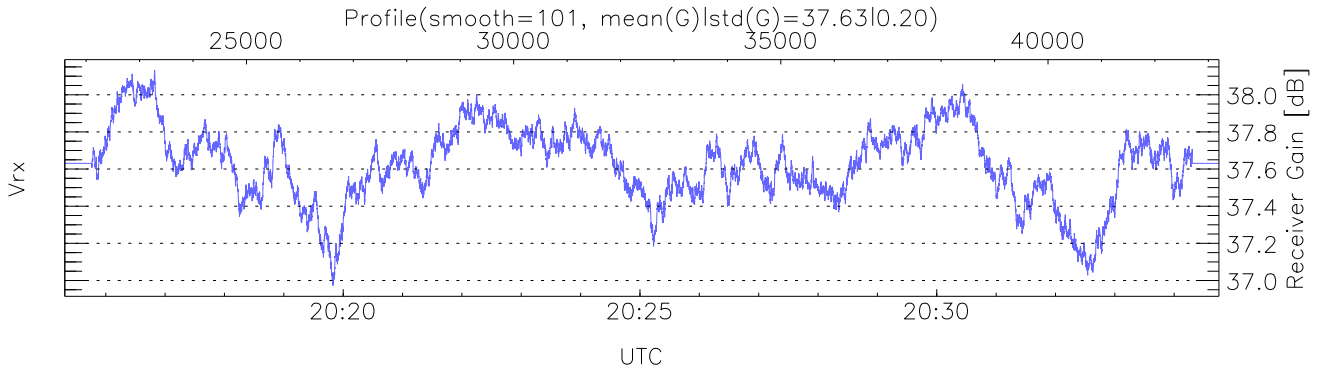
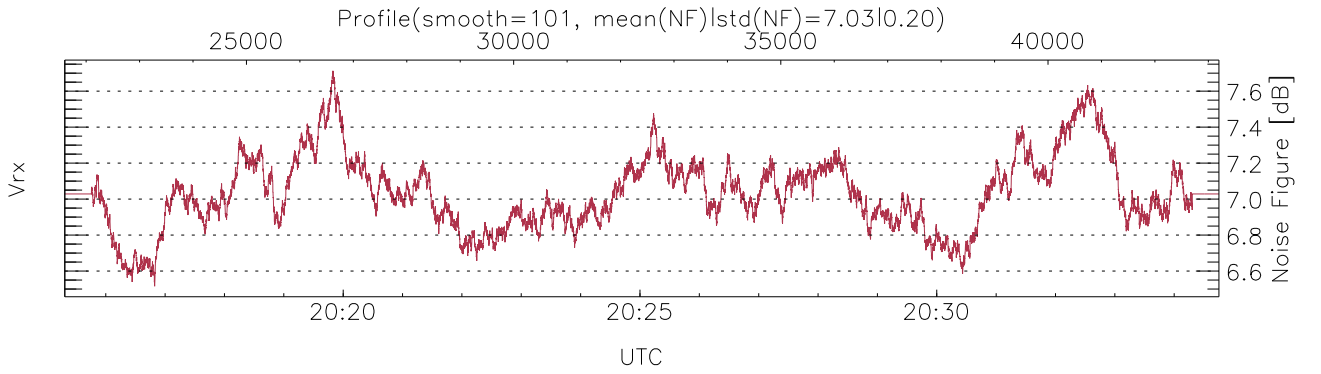
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:55:52-20:42:36, Dur: 2804.54s  
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): 21600/51924, 21600-43199/20:15:19-20:34:45  
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



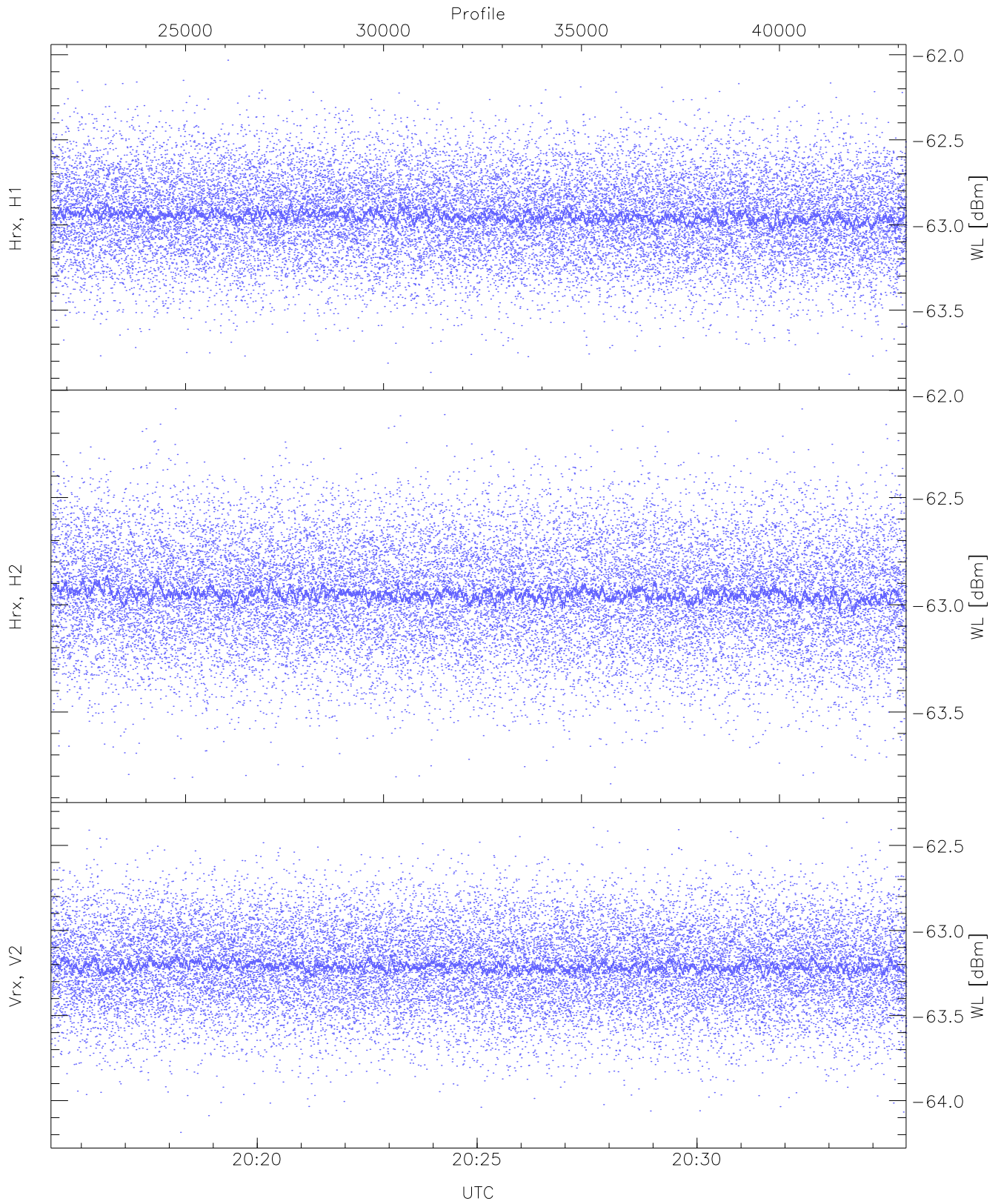
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,28,26,31`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,23,31,29,34`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,20,25,25,14)`



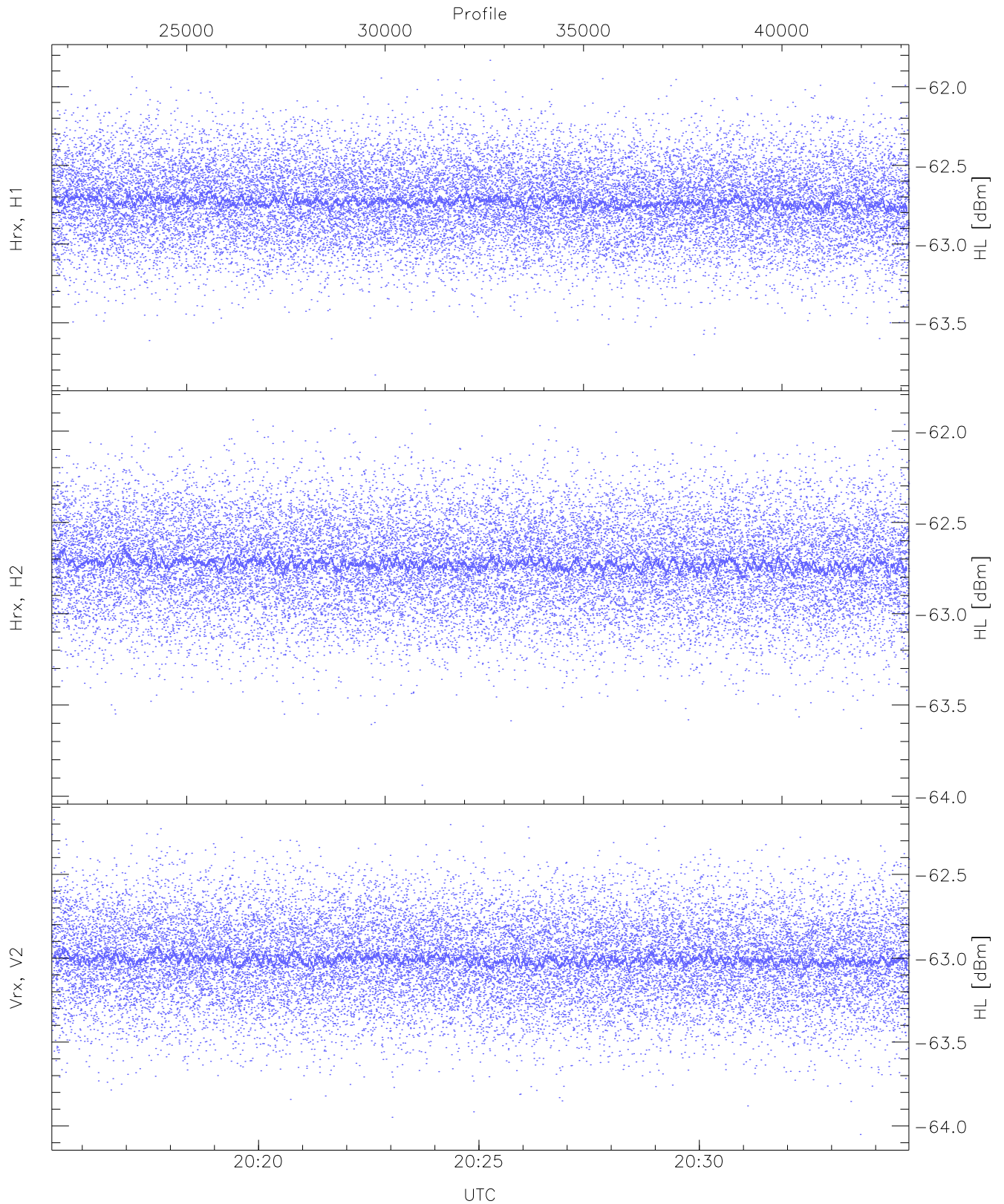
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 28 pixs, 10 gates, 28 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

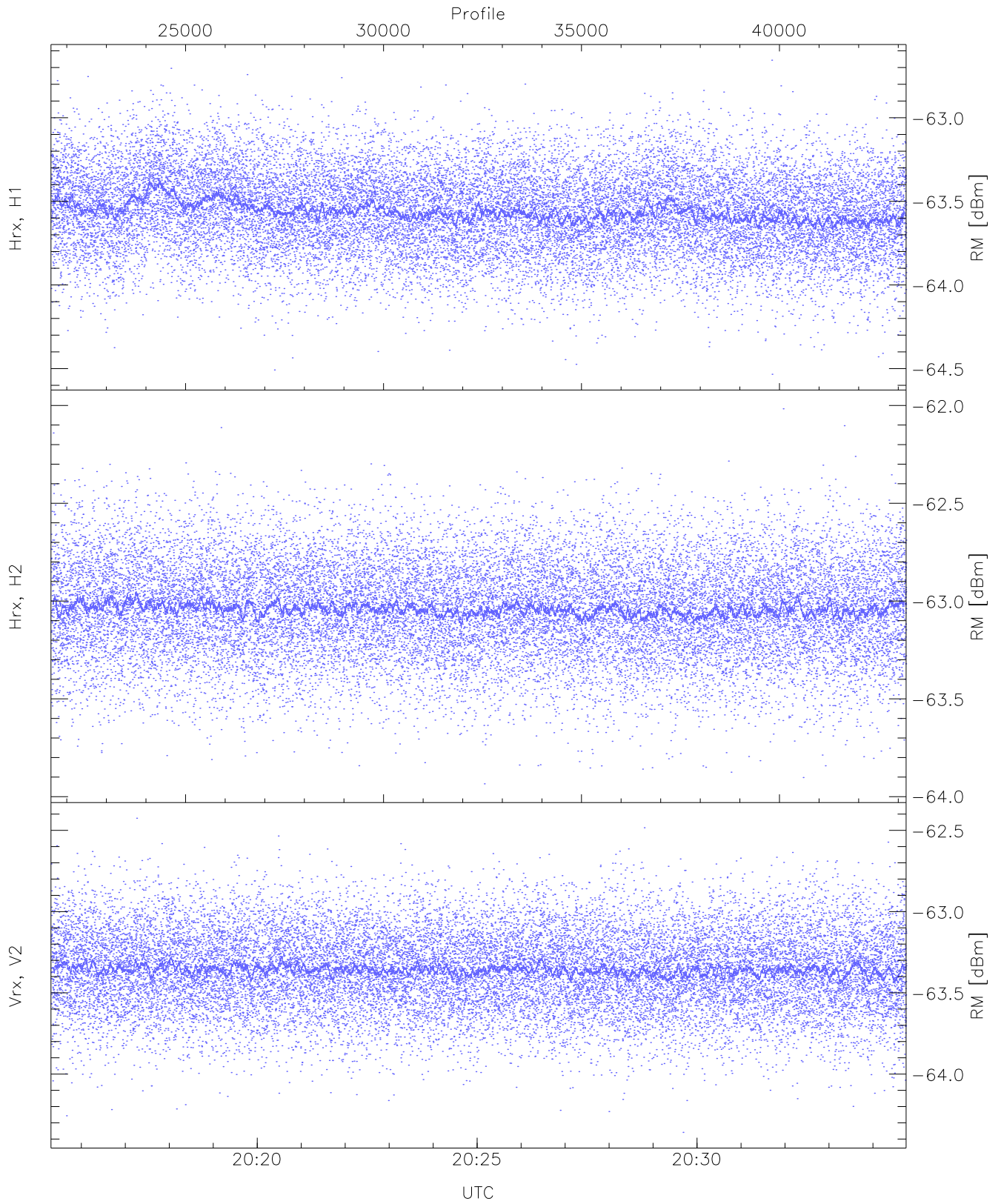
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.88	-62.03	-62.95	-62.95	-75.62
Hrx, H2(WL [dBm])	-63.83	-62.09	-62.95	-62.95	-75.63
Vrx, V2(WL [dBm])	-64.19	-62.34	-63.21	-63.21	-75.89



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

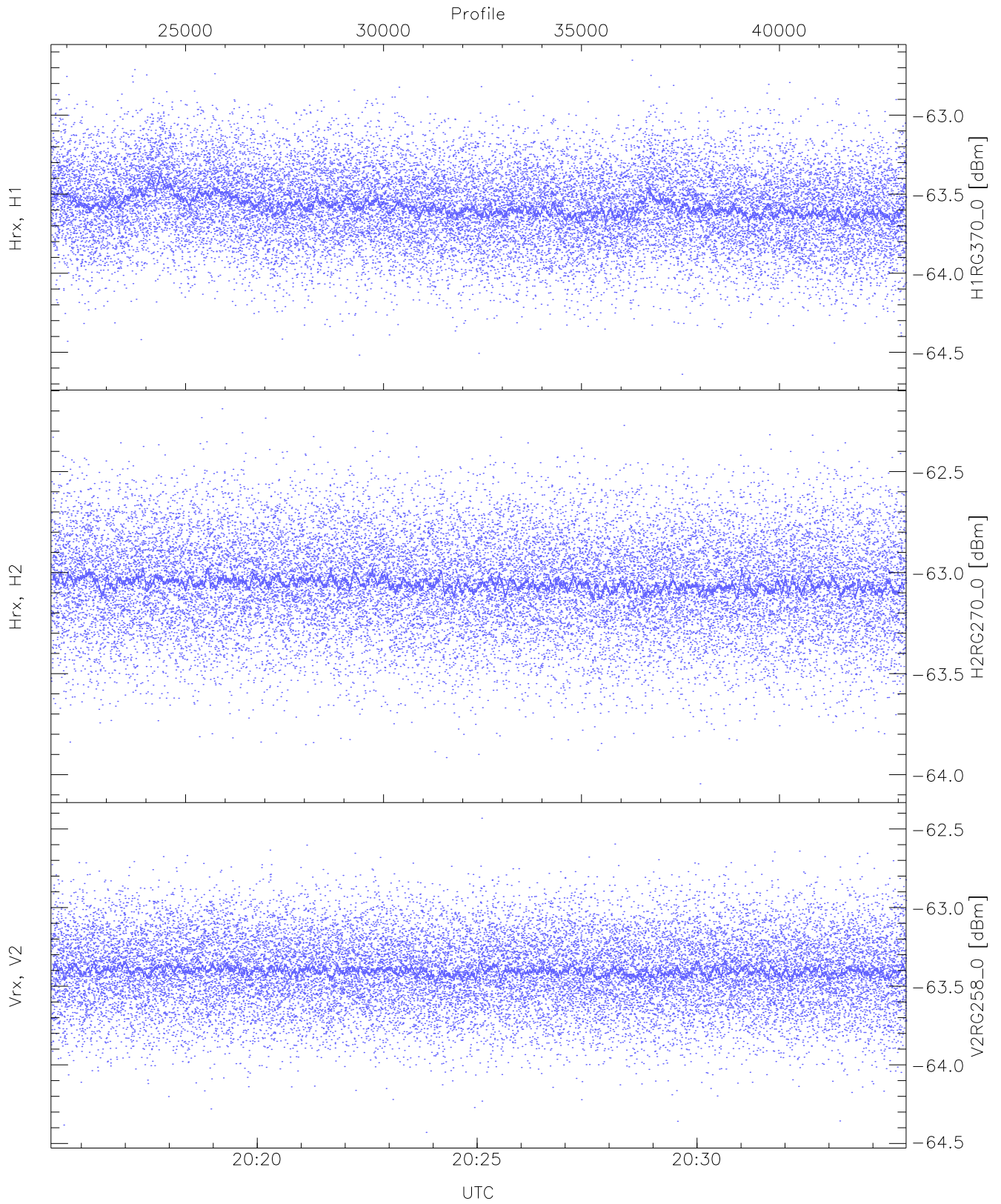
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.83	-61.83	-62.73	-62.73	-75.46
Hrx, H2 (HL [dBm])	-63.94	-61.88	-62.72	-62.73	-75.41
Vrx, V2 (HL [dBm])	-64.05	-62.17	-63.00	-63.01	-75.69





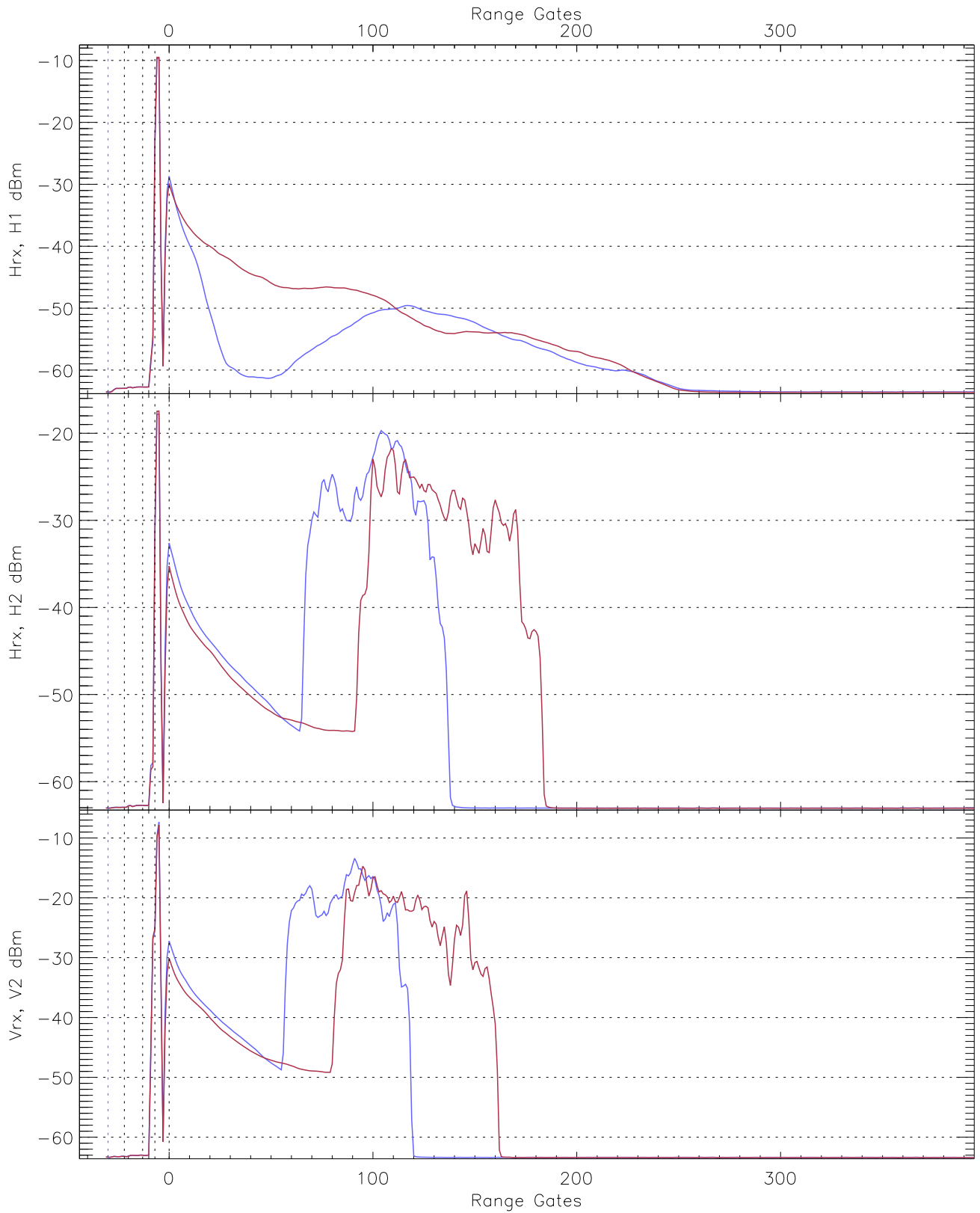
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.53	-62.66	-63.56	-63.56	-76.21
Hrx, H2 (RM [dBm])	-63.93	-62.02	-63.04	-63.04	-75.73
Vrx, V2 (RM [dBm])	-64.36	-62.43	-63.36	-63.36	-76.02



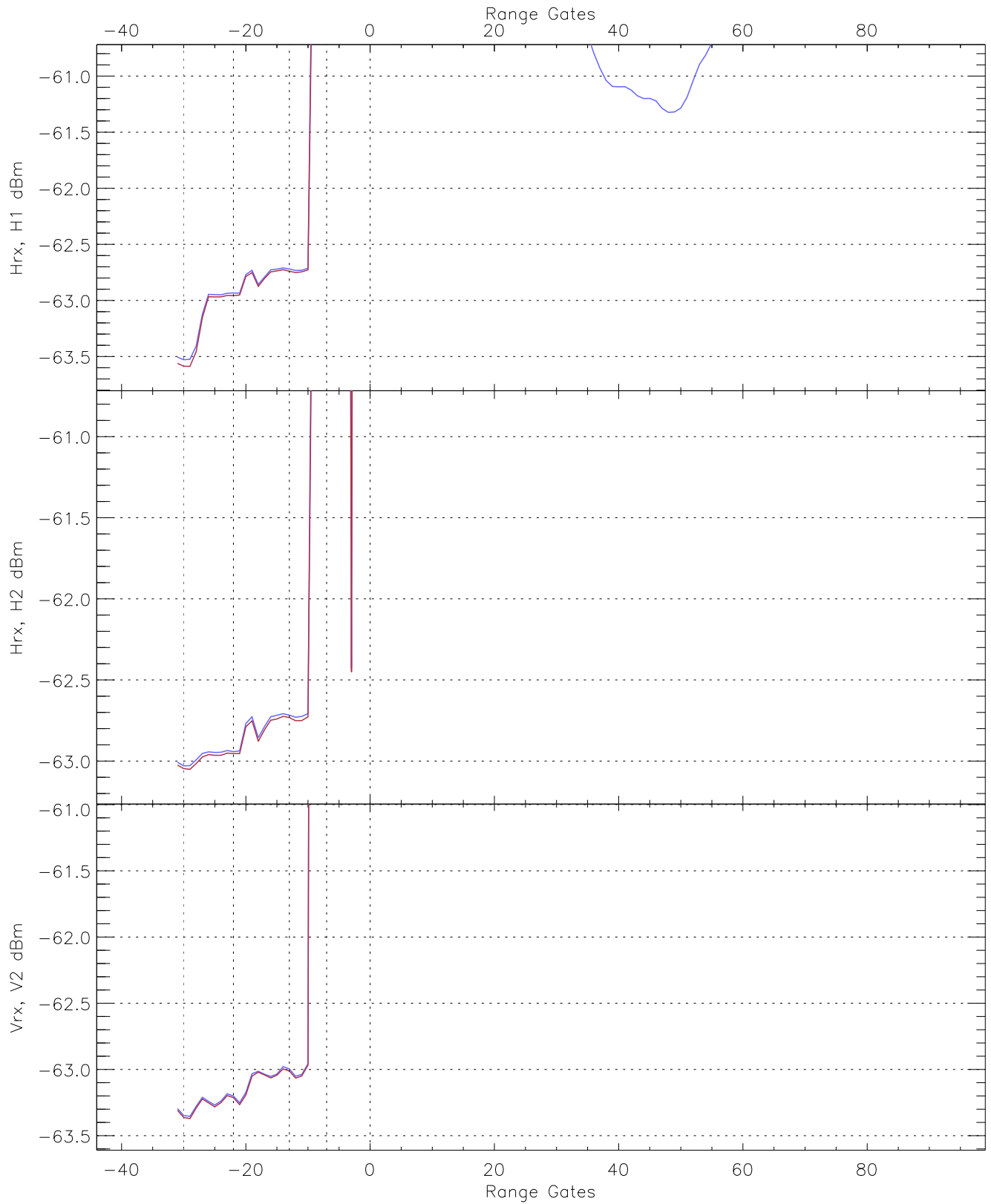
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.64	-62.65	-63.57	-63.58	-76.17
H2RG270_0 [dBm]	-64.05	-62.19	-63.05	-63.06	-75.79
V2RG258_0 [dBm]	-64.43	-62.43	-63.40	-63.40	-76.11

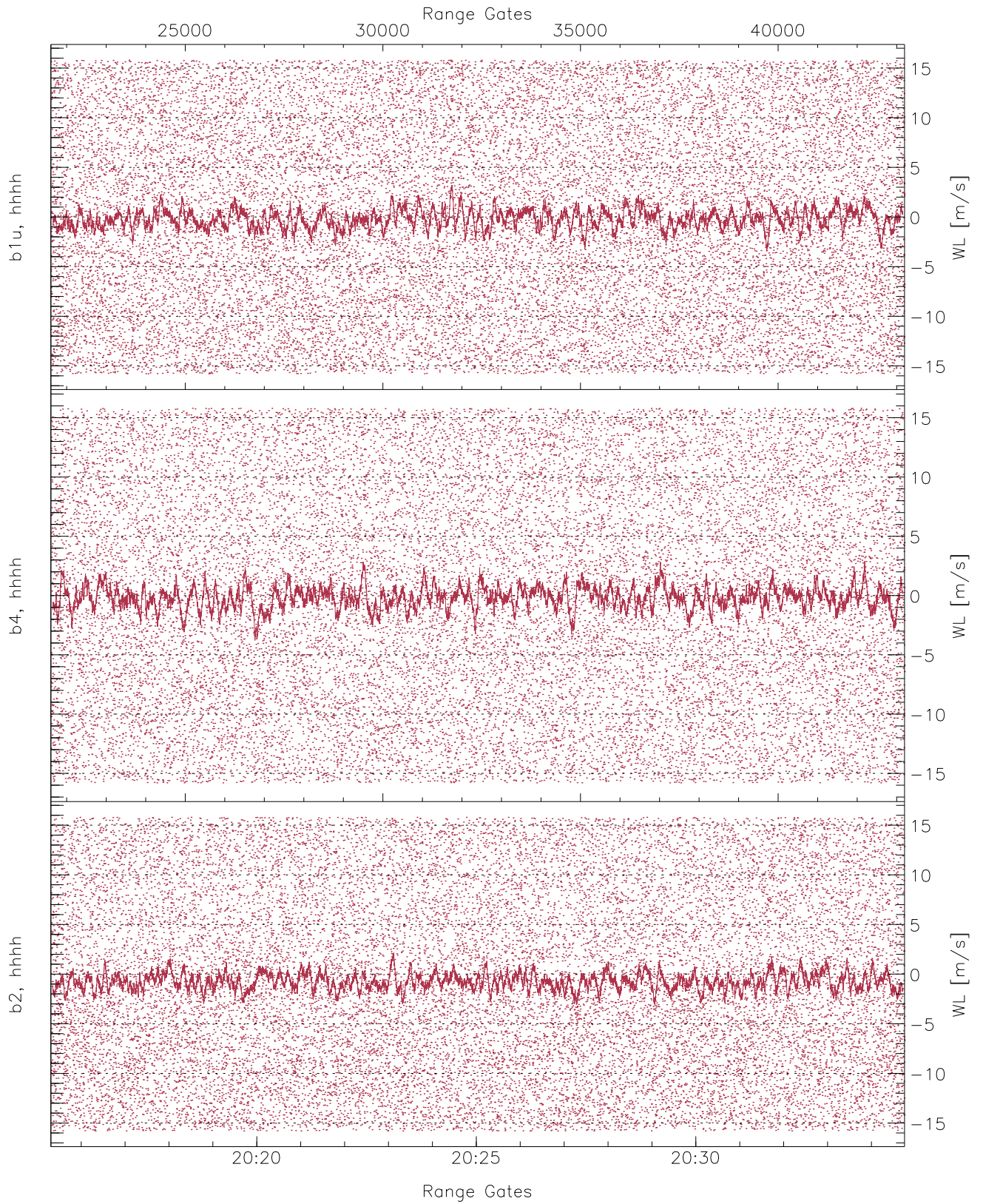


WCR2 CPP Averaged Received power for all recorded gates  
blue: 201519-202502, 10801 profiles averaged  
red: 202502-203445, 10800 profiles averaged

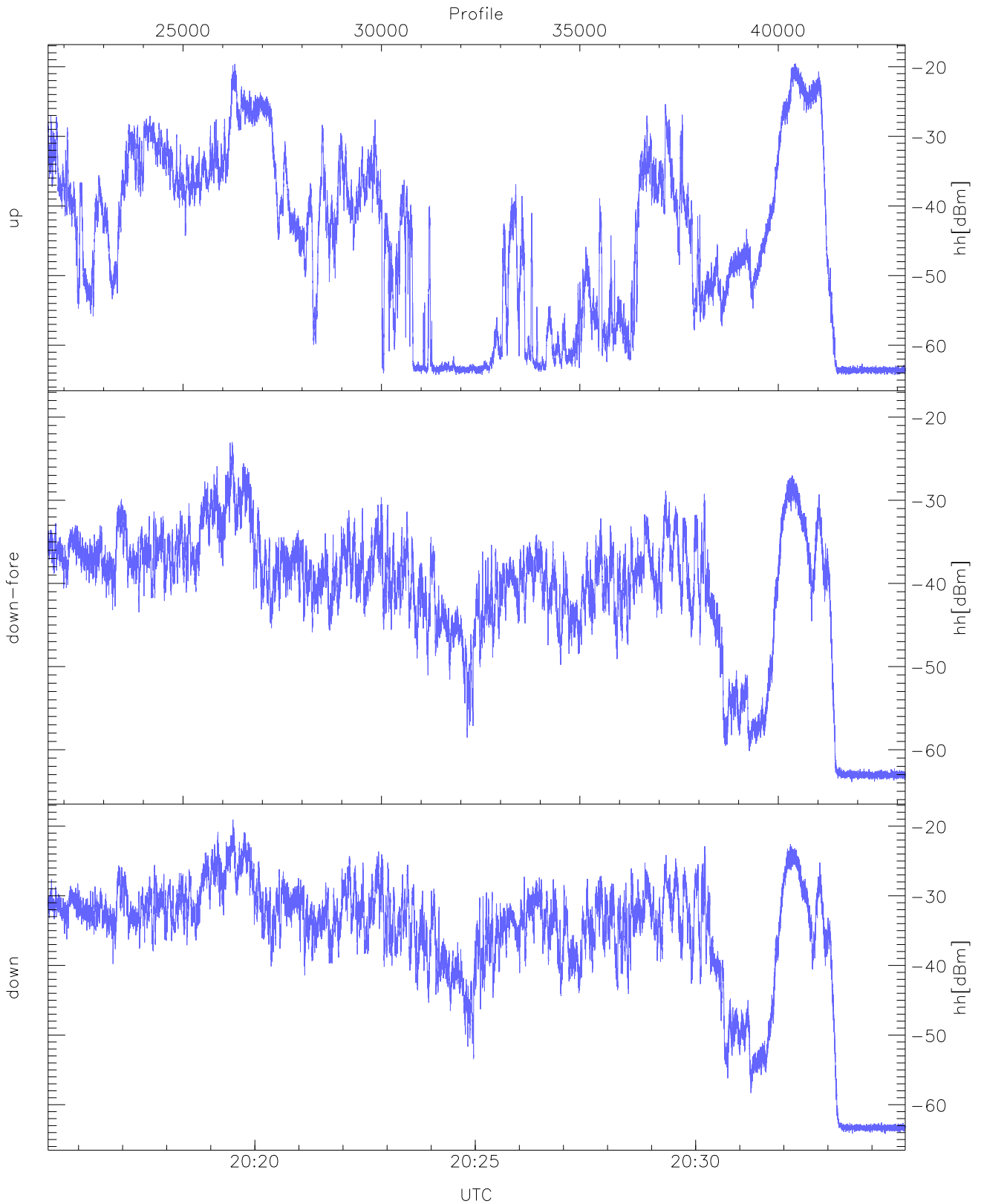




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 201519-202502, 10801 profiles averaged  
red: 202502-203445, 10800 profiles averaged

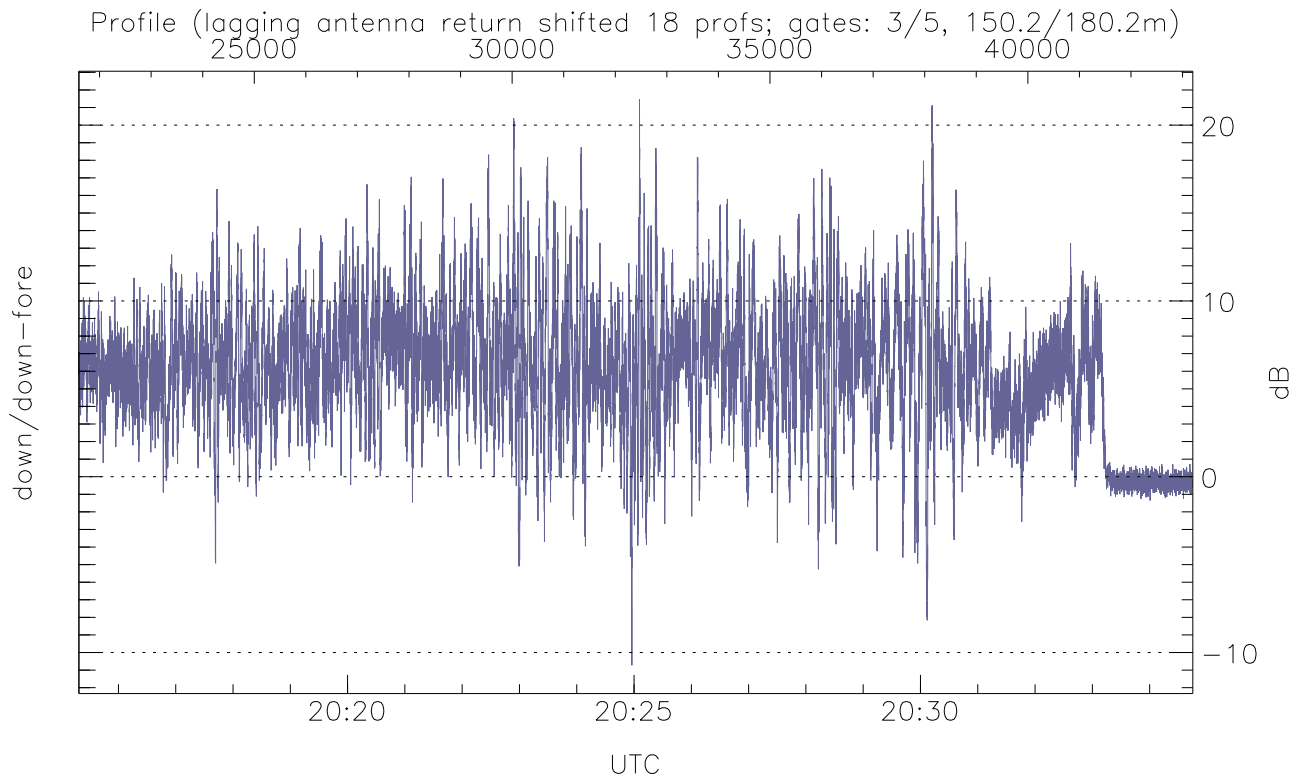
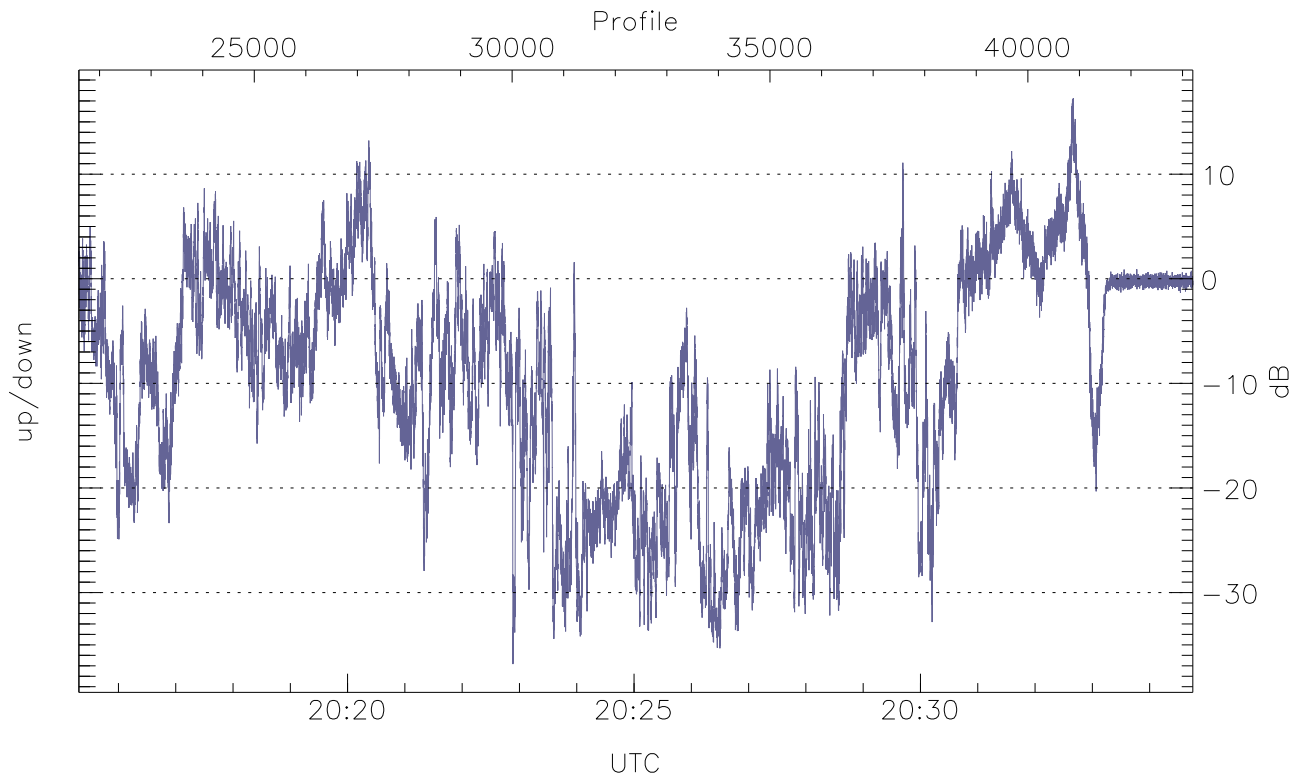


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



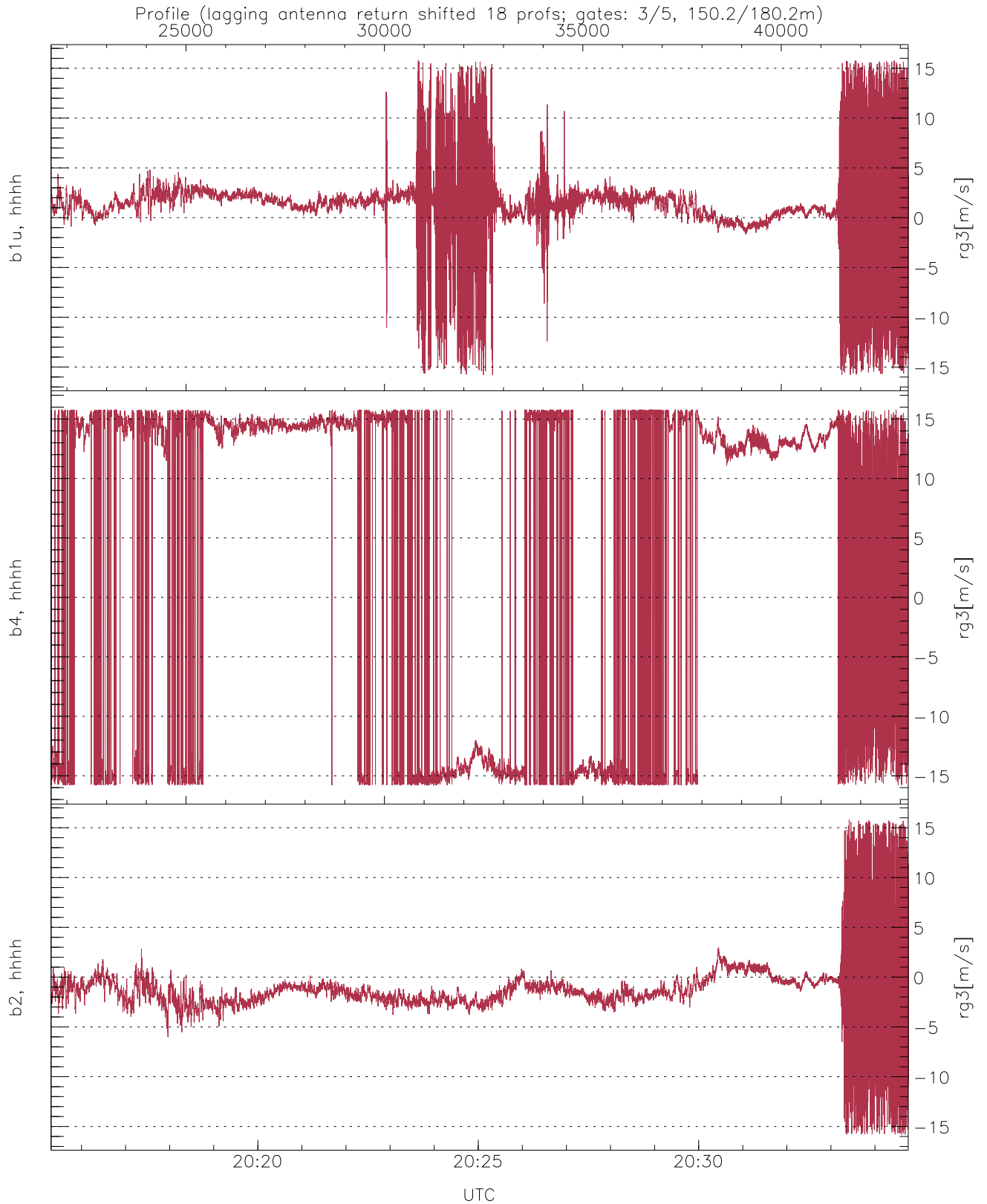
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.27	-19.55	-32.93
down-fore(hh[dBm])	-63.88	-23.01	-36.46
down(hh[dBm])	-64.19	-19.08	-31.42



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

	Min	Max	Mean
up/down (dB)	-36.83	17.25	-9.16
down/down-fore (dB)	-10.72	21.46	5.99



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	1.24	3.40
b4, hhhh(rg3[m/s])	-15.80	15.80	3.92	13.66
b2, hhhh(rg3[m/s])	-15.80	15.80	-1.30	2.70