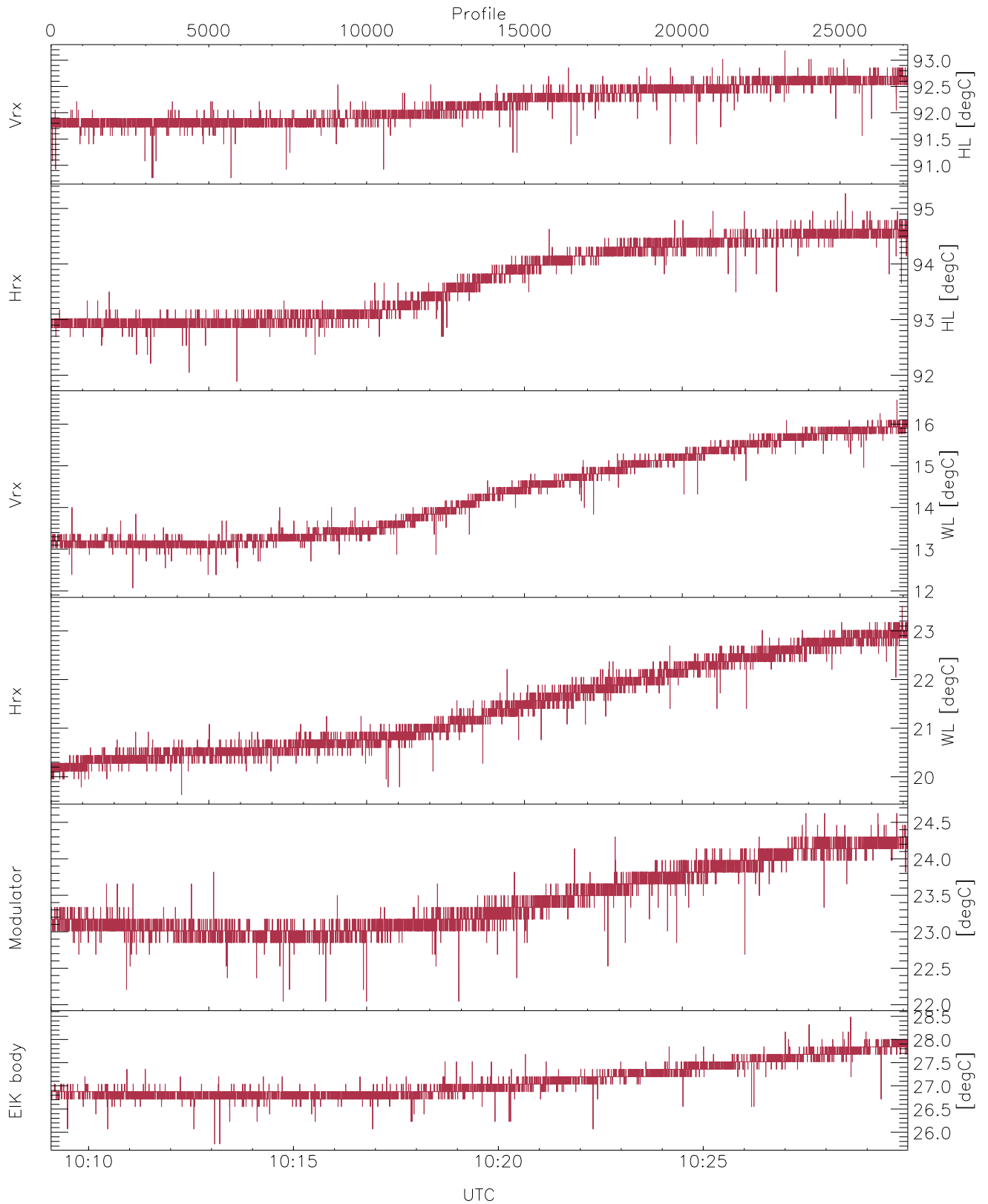


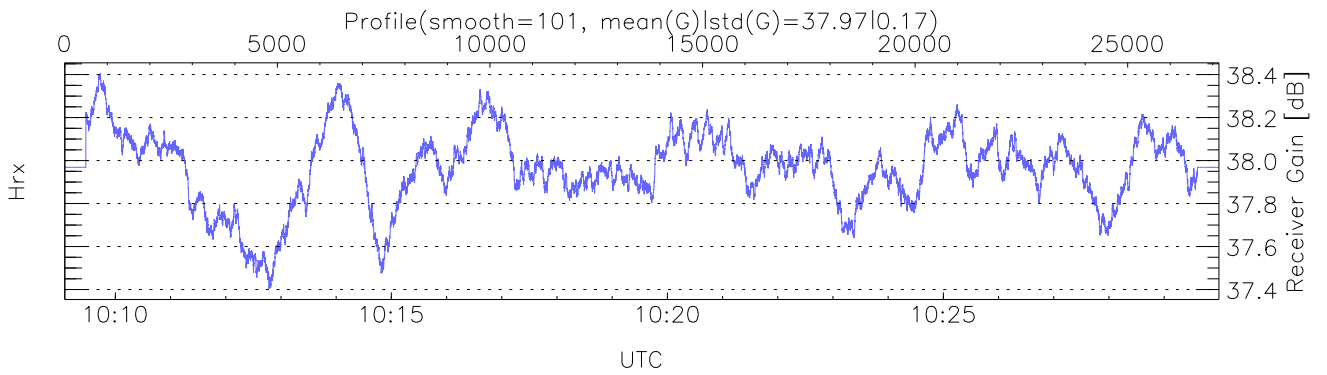
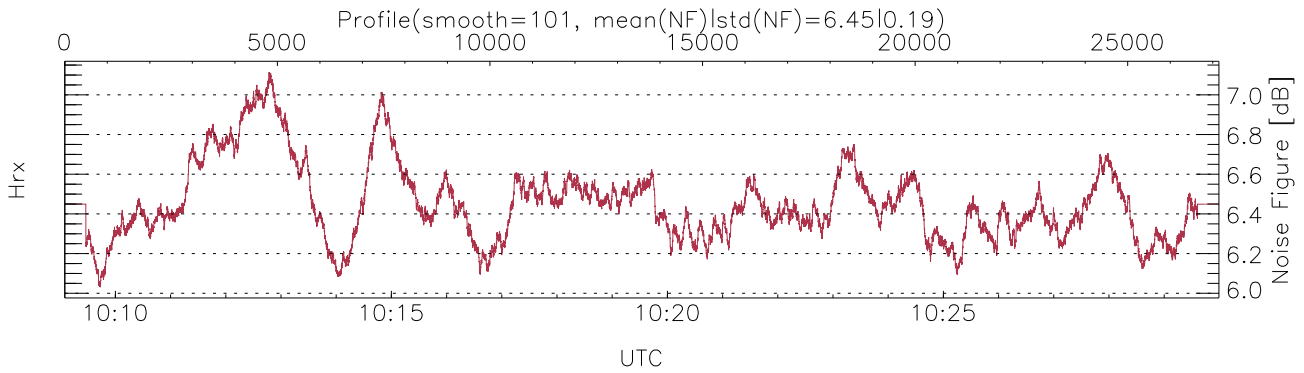
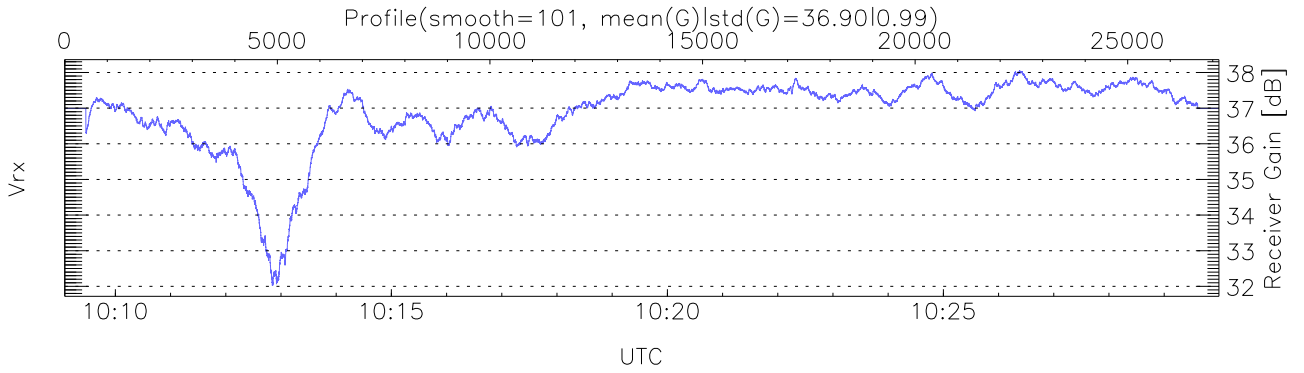
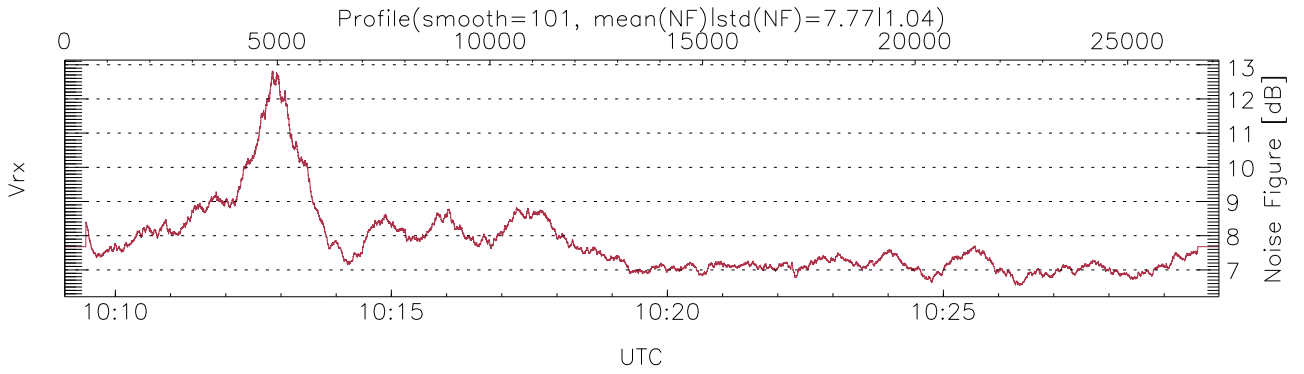
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 10:09:05-10:30:00, Dur: 1254.57s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 46.2,46.2,46.2,0.0 ms / 22,22,22  
 NumRec(r/t): 27147/27147, 0-27146/10:09:05-10:30:00  
 AcqTime: 46.2ms, Rate: 389KB/s, Averages: 140  
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2  
 PRF: 18.2 18.2 18.2 18.2 18.2 KHz, IGS: 55us  
 Range(min,max,rgs): 105,7088,15.0 m, Gates: 466, Aspect: 3.6  
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



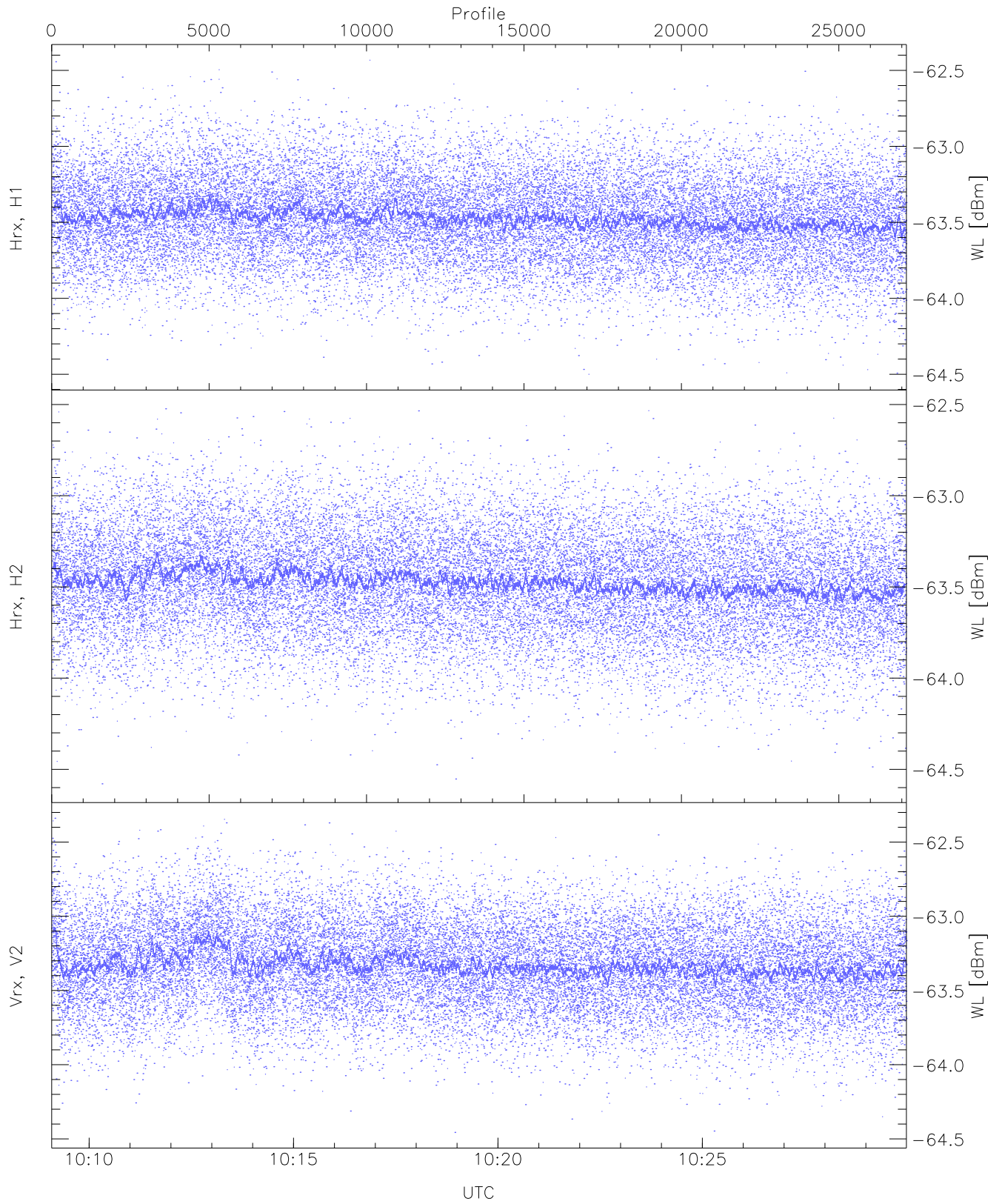
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,12,19,22,25  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,16,23,24,28  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



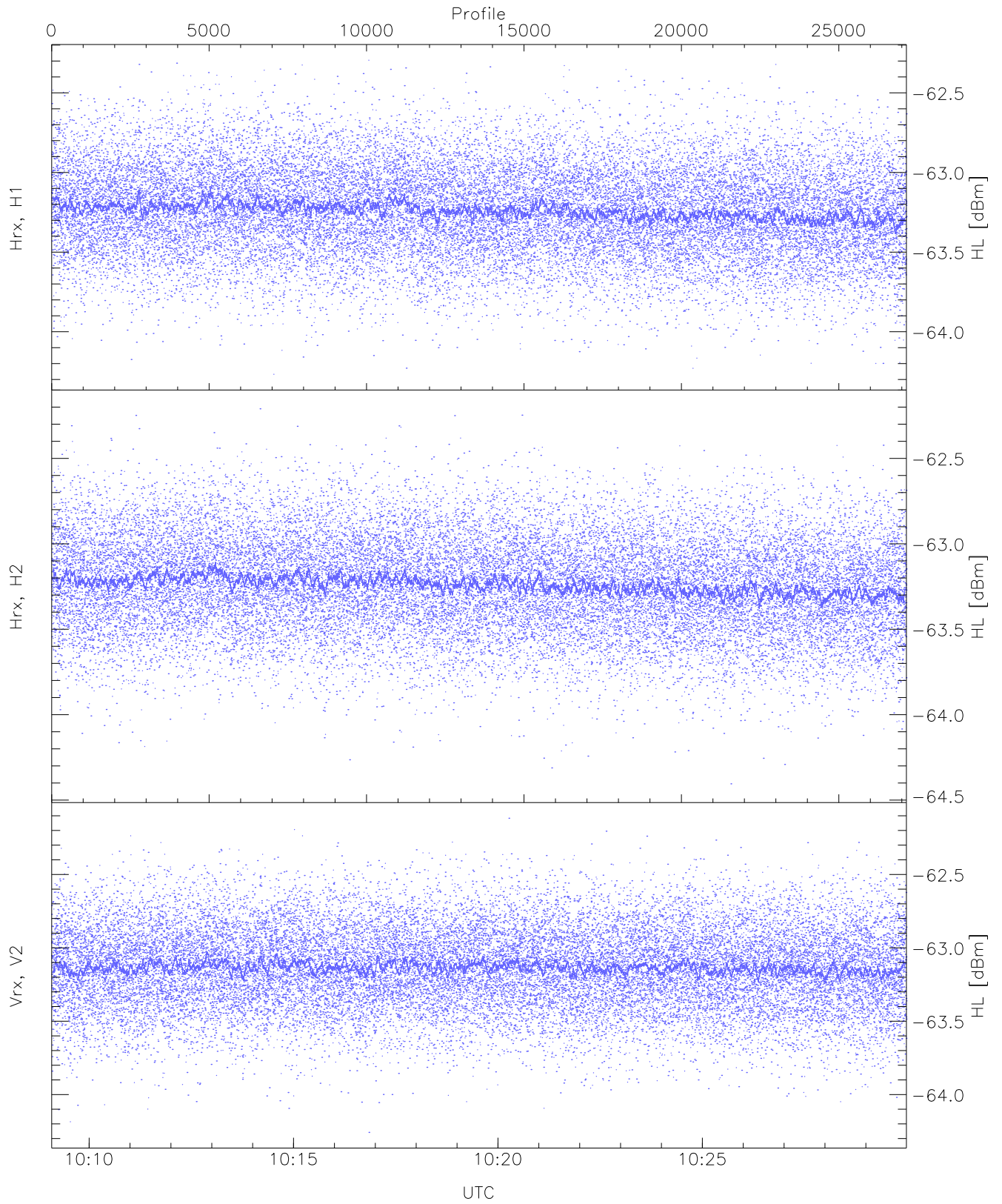
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 22965 pixs, 135 gates, 13052 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

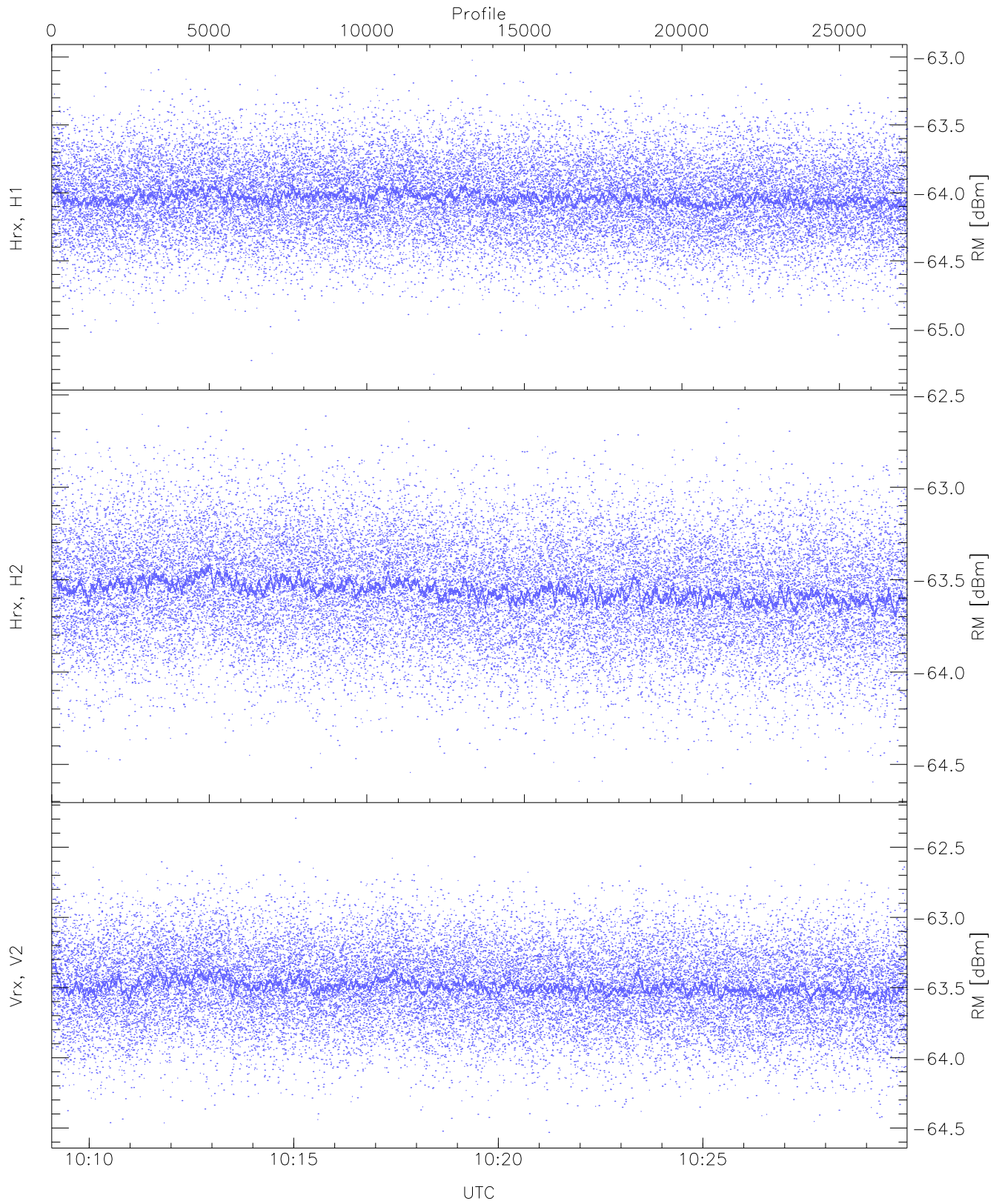
	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-64.50	-62.43	-63.47	-63.47	-75.59
Hrx, H2(WL [dBm])	-64.58	-62.52	-63.47	-63.47	-75.61
Vrx, V2(WL [dBm])	-64.46	-62.34	-63.33	-63.33	-75.32



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

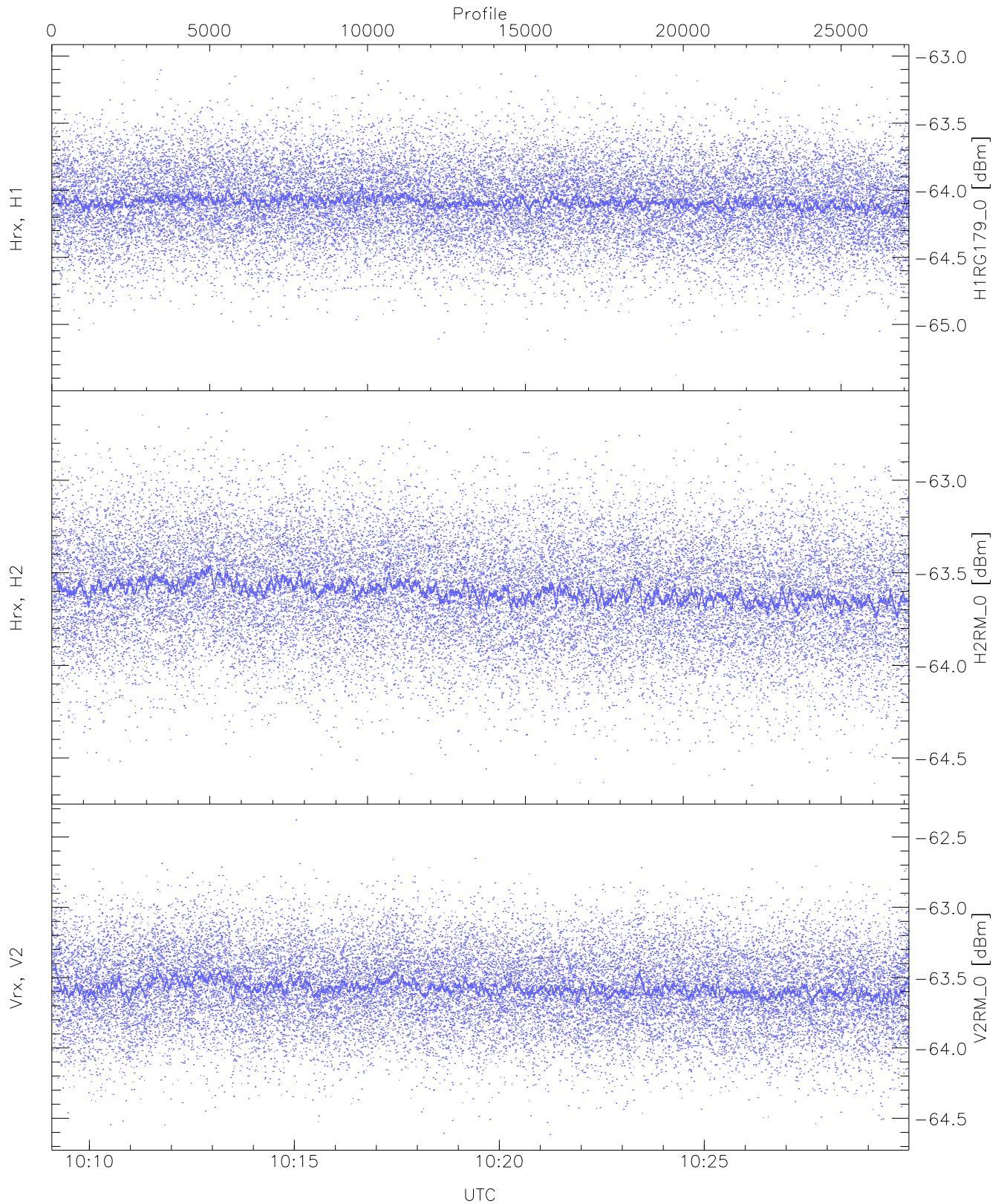
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.27	-62.29	-63.24	-63.24	-75.34
Hrx, H2 (HL [dBm])	-64.40	-62.21	-63.24	-63.24	-75.36
Vrx, V2 (HL [dBm])	-64.26	-62.12	-63.13	-63.14	-75.26





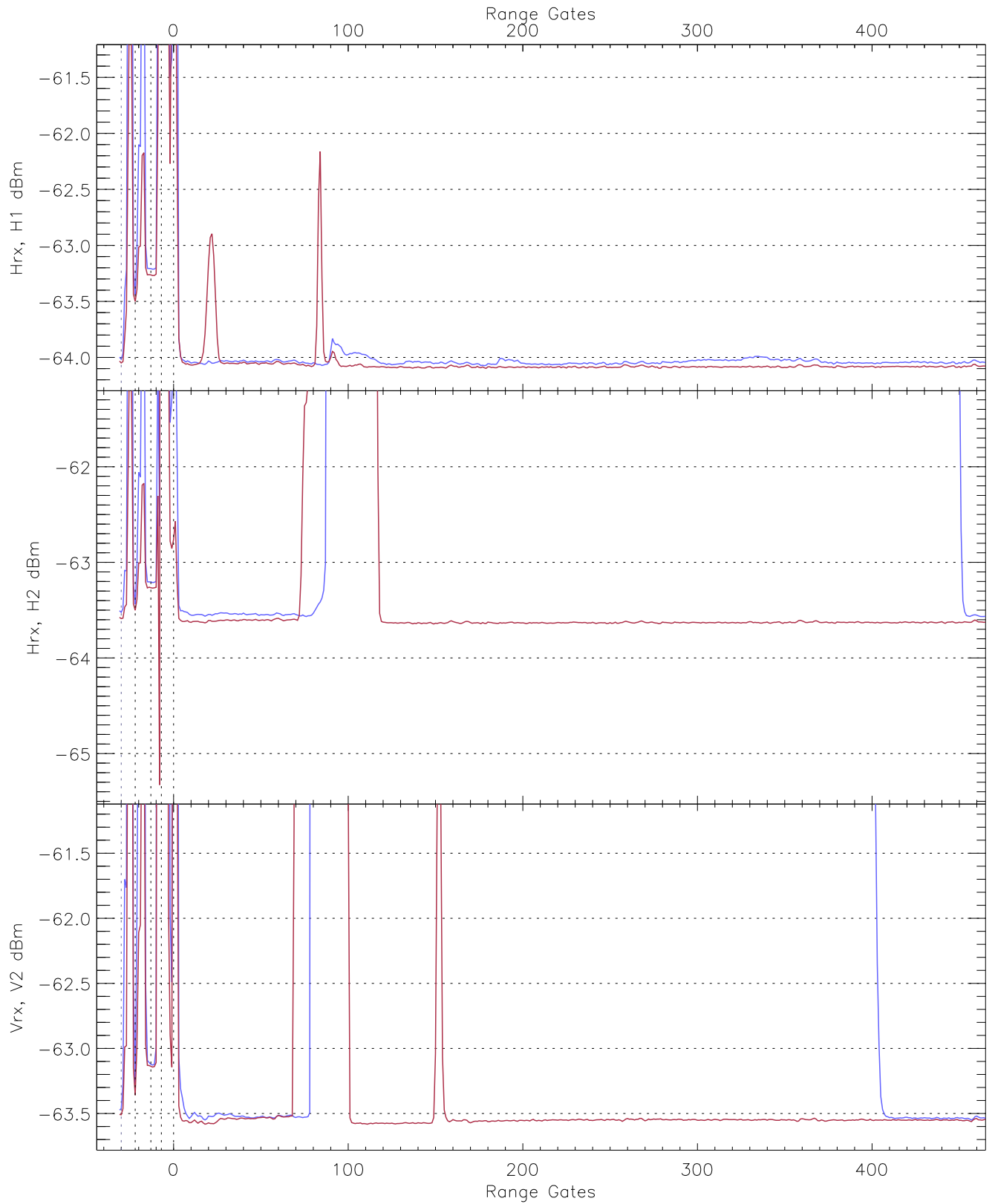
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.34	-63.02	-64.03	-64.04	-76.15
Hrx, H2 (RM [dBm])	-64.60	-62.58	-63.56	-63.56	-75.68
Vrx, V2 (RM [dBm])	-64.53	-62.29	-63.49	-63.49	-75.61



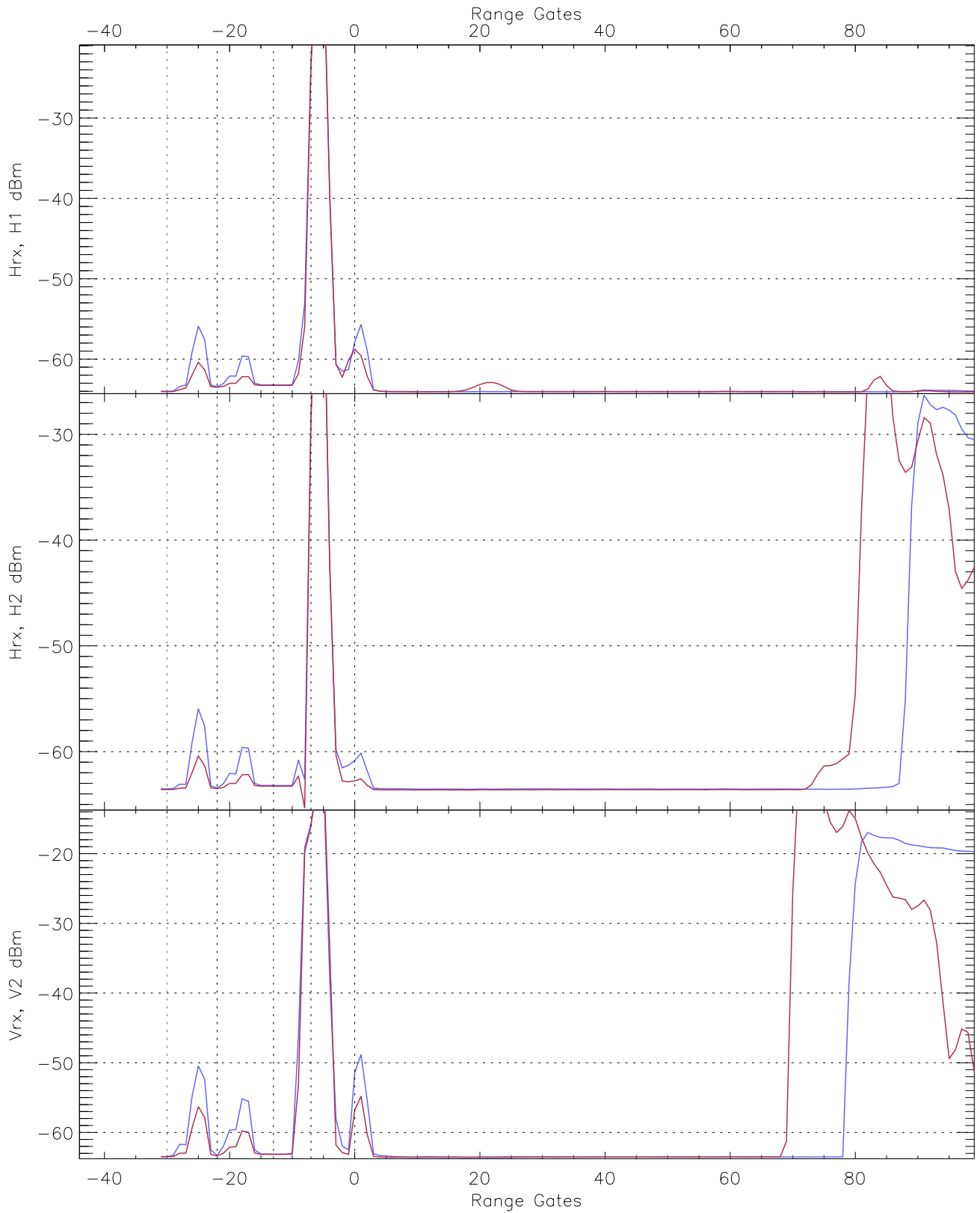
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG179_0 [dBm]	-65.38	-63.03	-64.08	-64.09	-76.20
H2RM_0 [dBm]	-64.65	-62.62	-63.60	-63.60	-75.72
V2RM_0 [dBm]	-64.61	-62.38	-63.57	-63.58	-75.69

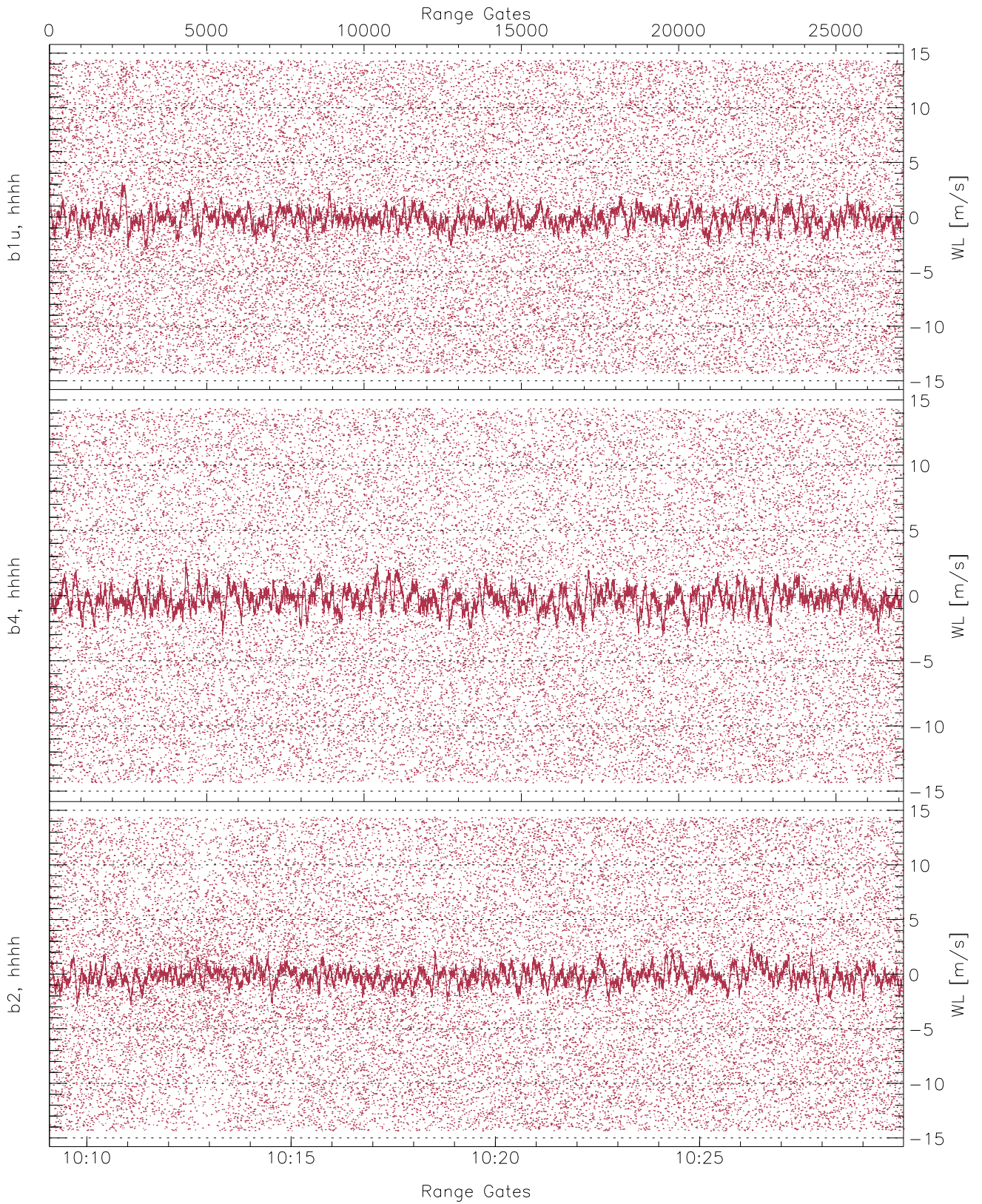


WCR2 CPP Averaged Received power for all recorded gates  
blue: 100905-101932, 13574 profiles averaged  
red: 101932-103000, 13574 profiles averaged

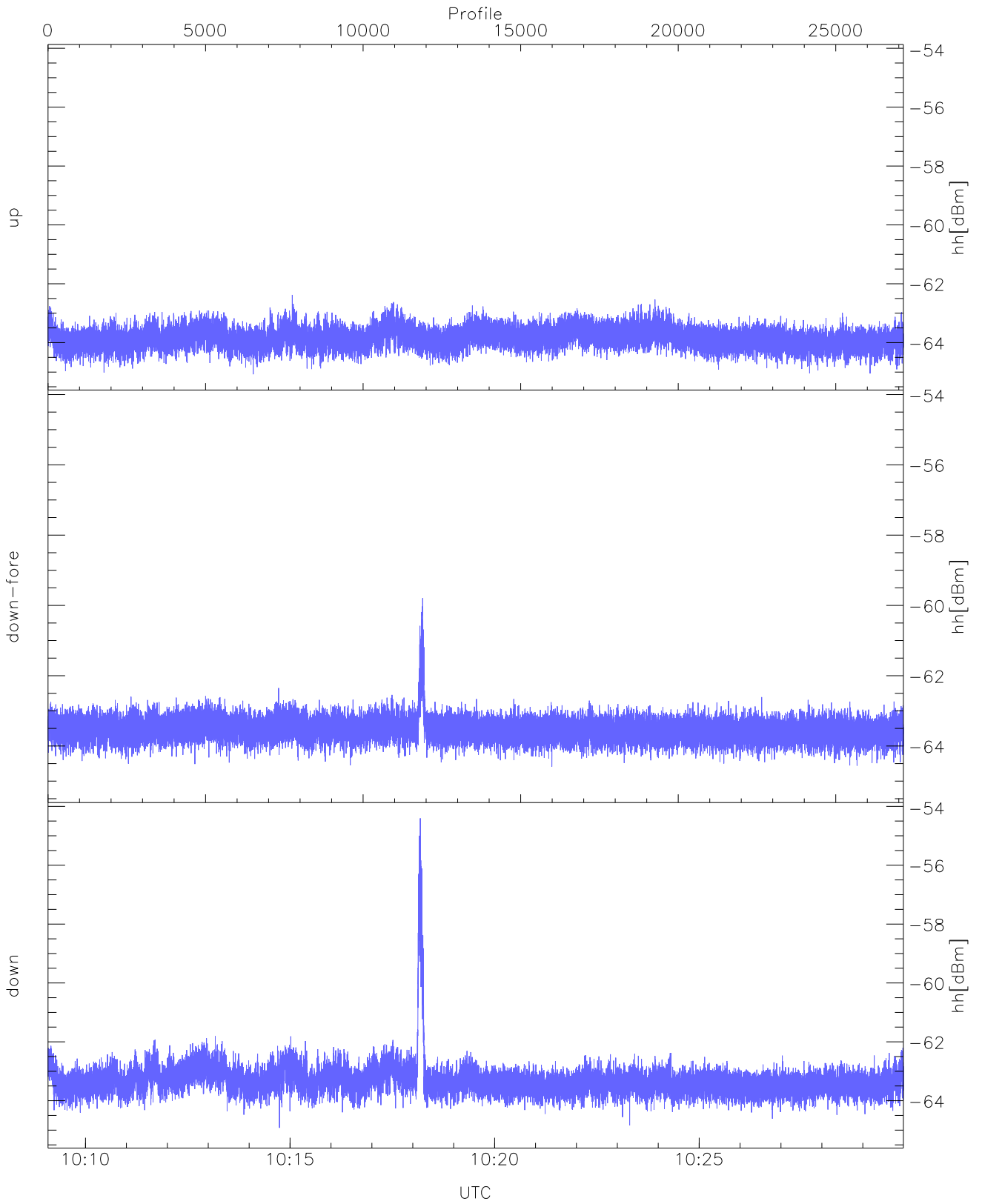




WCR2 CPP Averaged Received power for up 100 gates  
blue: 100905-101932, 13574 profiles averaged  
red: 101932-103000, 13574 profiles averaged

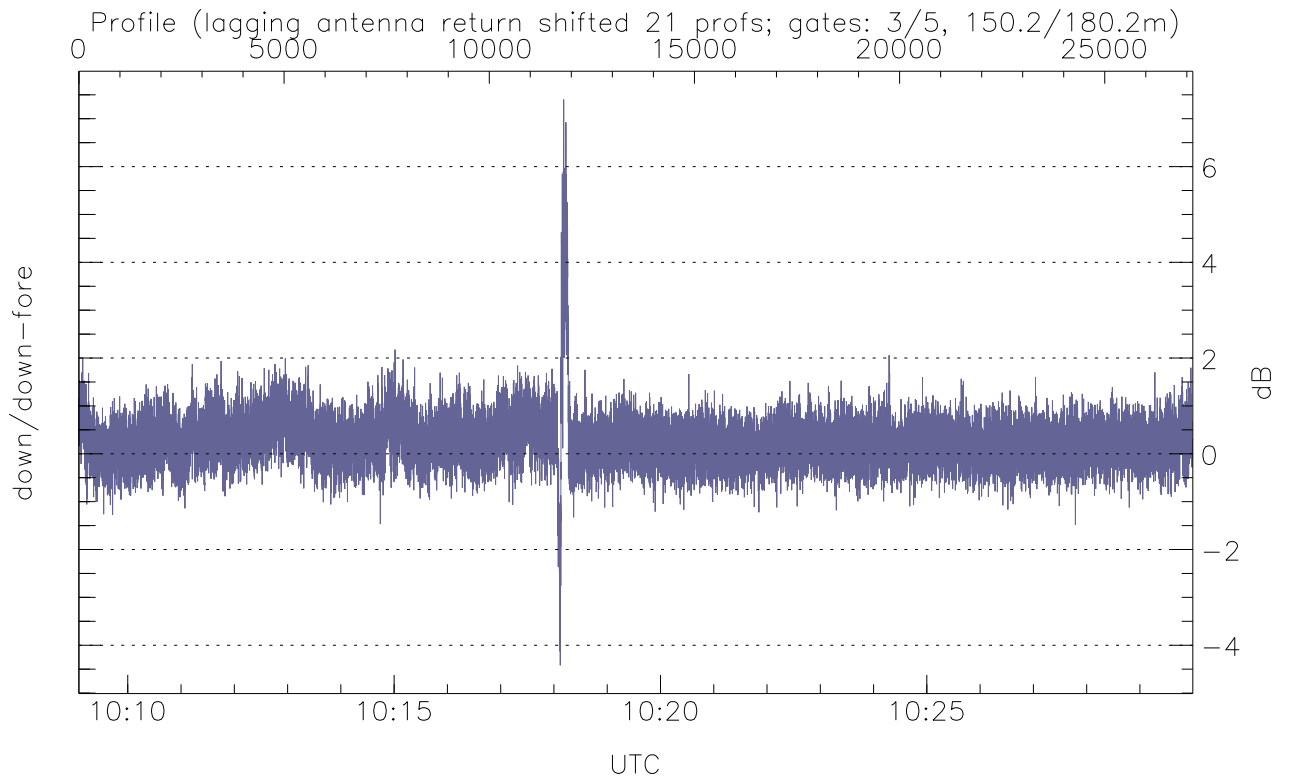
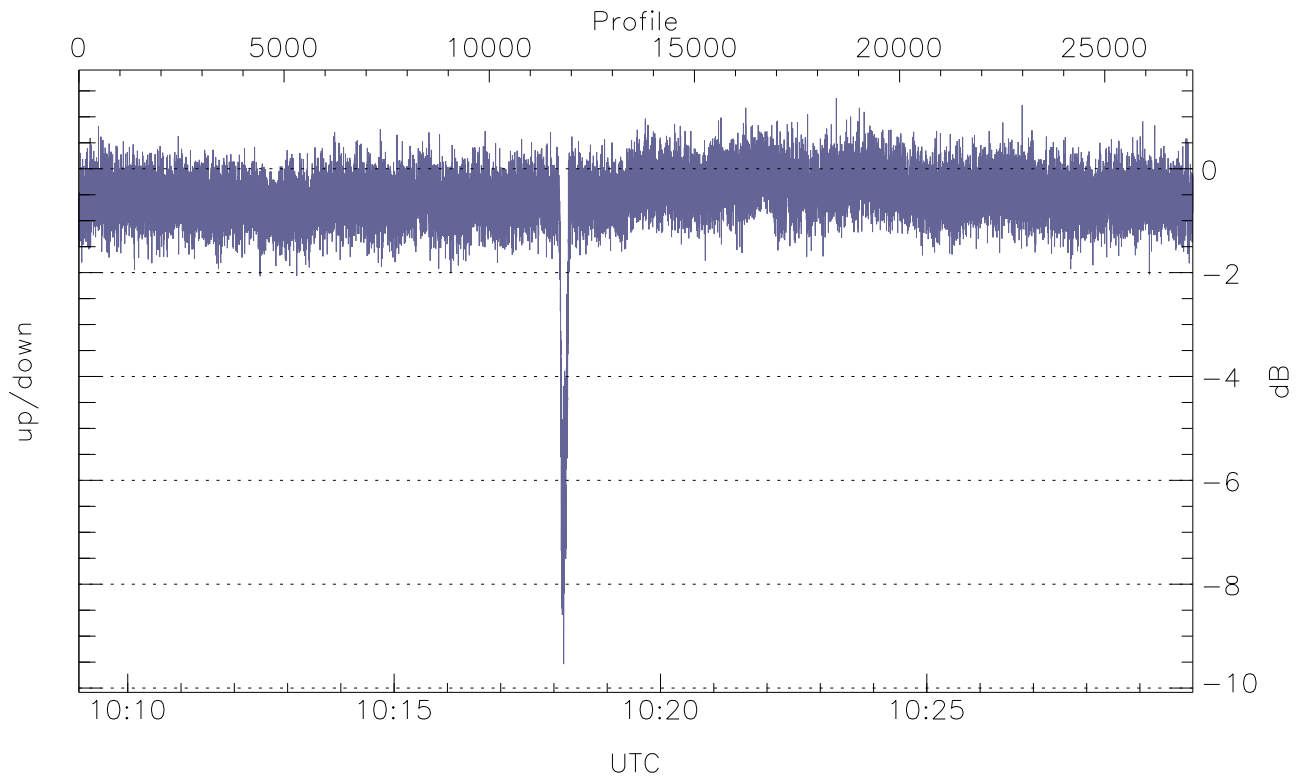


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



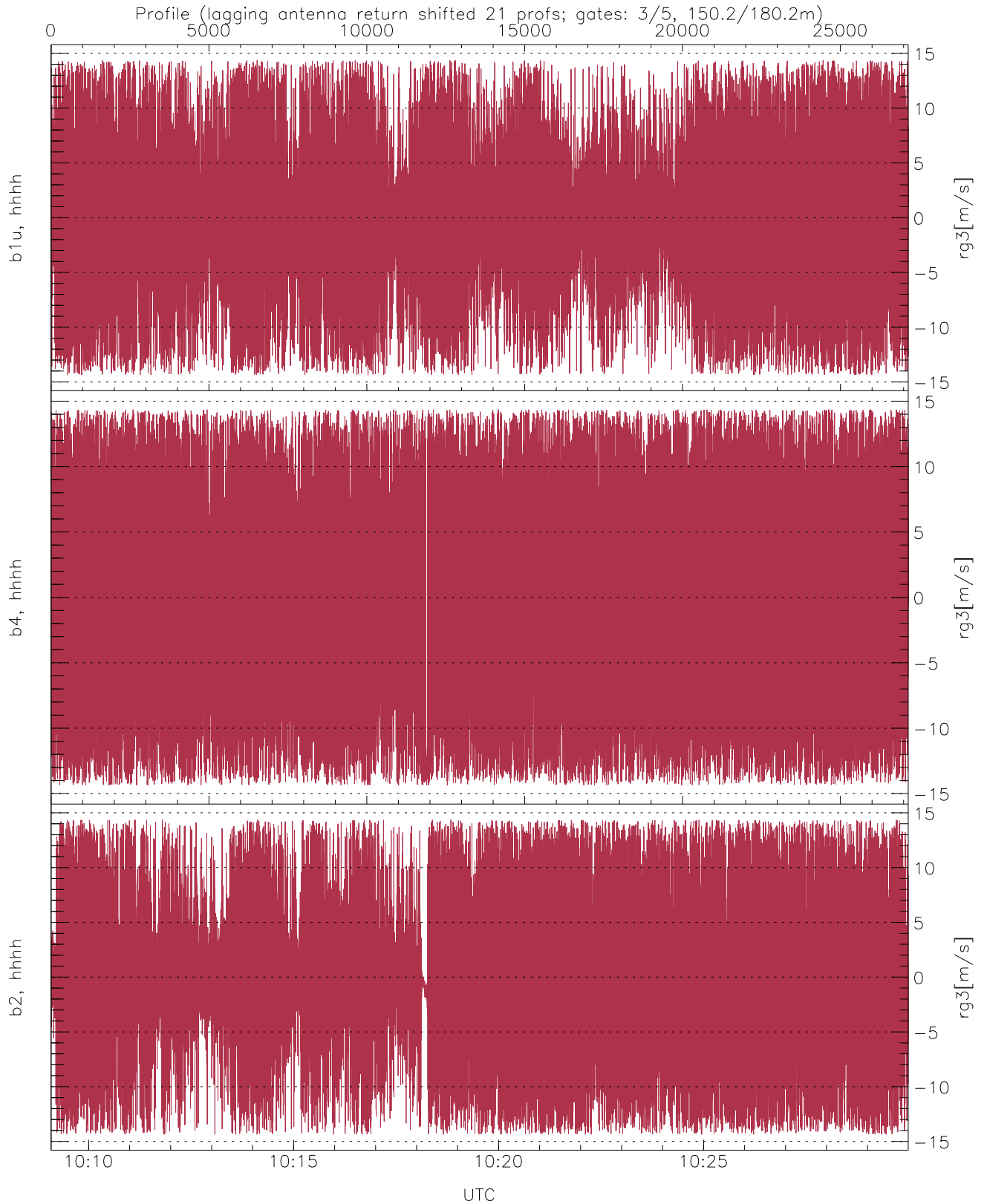
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-65.08	-62.38	-63.83
down-fore(hh[dBm])	-64.59	-59.79	-63.52
down(hh[dBm])	-64.92	-54.40	-63.25



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-9.54	1.36	-0.54
down/down-fore (dB)	-4.42	7.40	0.27



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-14.36	14.36	-0.10	6.41
b4, hhhh(rg3[m/s])	-14.36	14.36	-0.21	7.89
b2, hhhh(rg3[m/s])	-14.36	14.36	-0.18	6.91