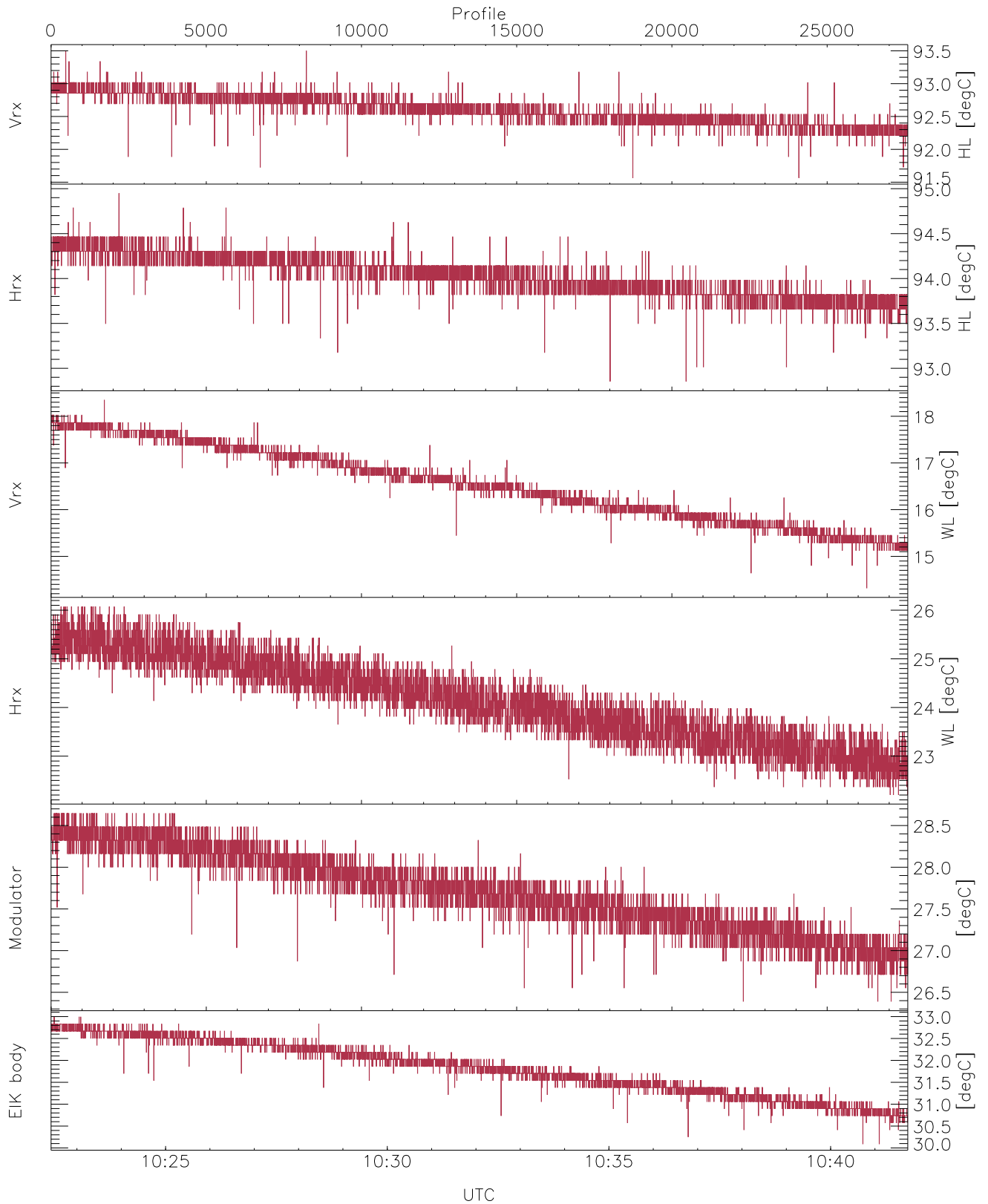


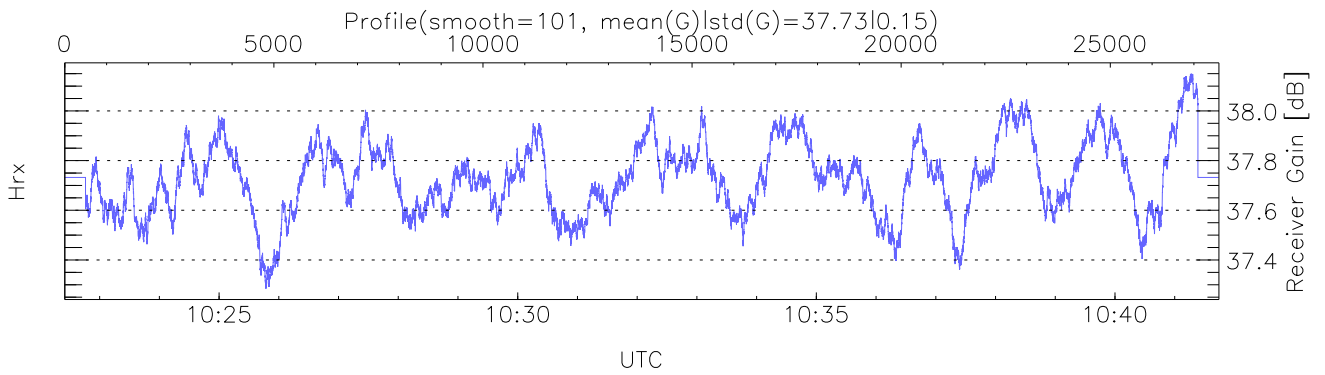
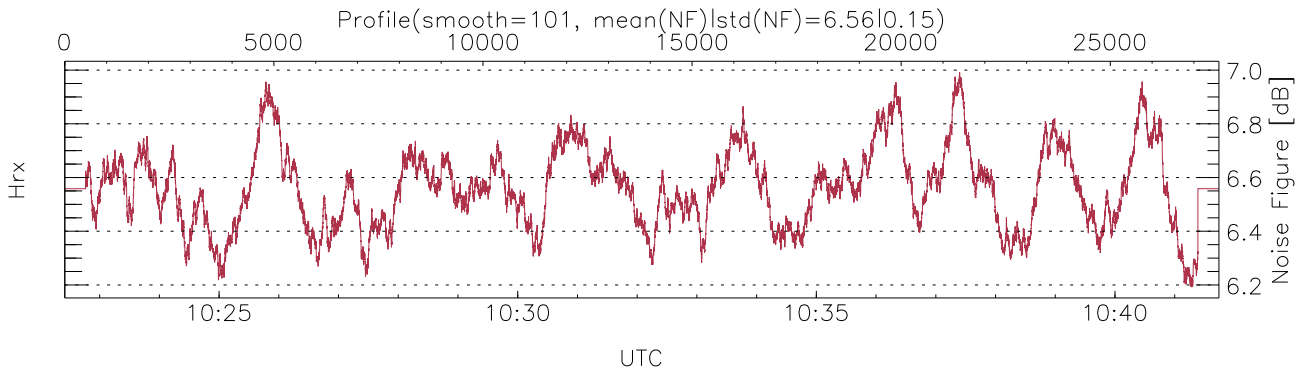
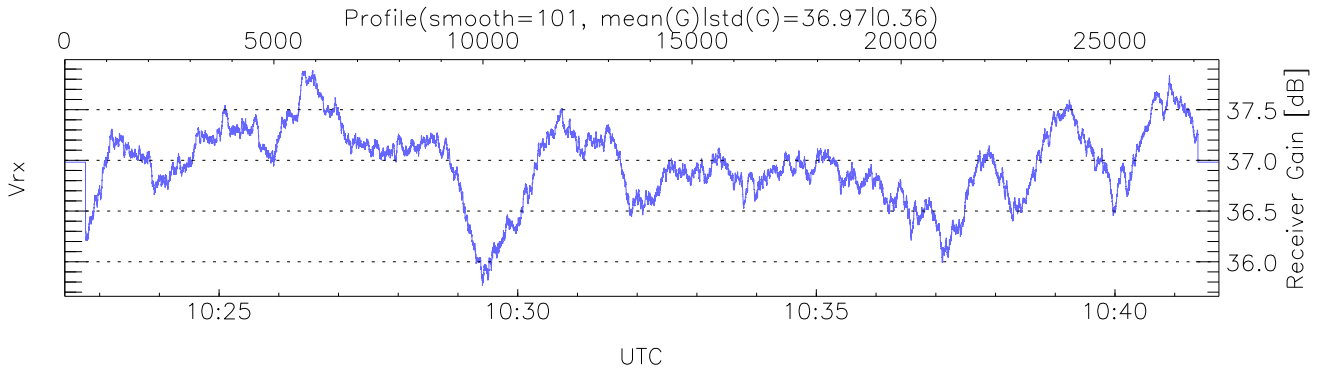
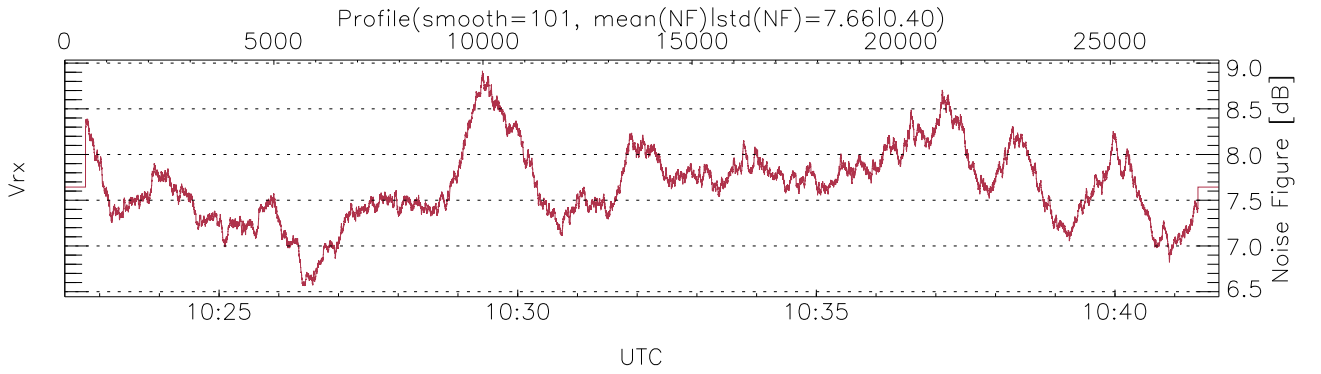
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 10:22:25-10:50:48, Dur: 1702.69s  
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant  
 TimeInt/PPS(min,max,mn,std): 42.0,42.0,42.0,0.0 ms / 24,24,24  
 NumRec(r/t): 27600/40531, 0-27599/10:22:25-10:41:44  
 AcqTime: 42.0ms, Rate: 377kB/s, Averages: 140  
 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): 105,6187,15.0 m, Gates: 406, Aspect: 4.0  
 Mirror(-9|0|1|2,3,9x)=no mirror|sidelup|error): 1



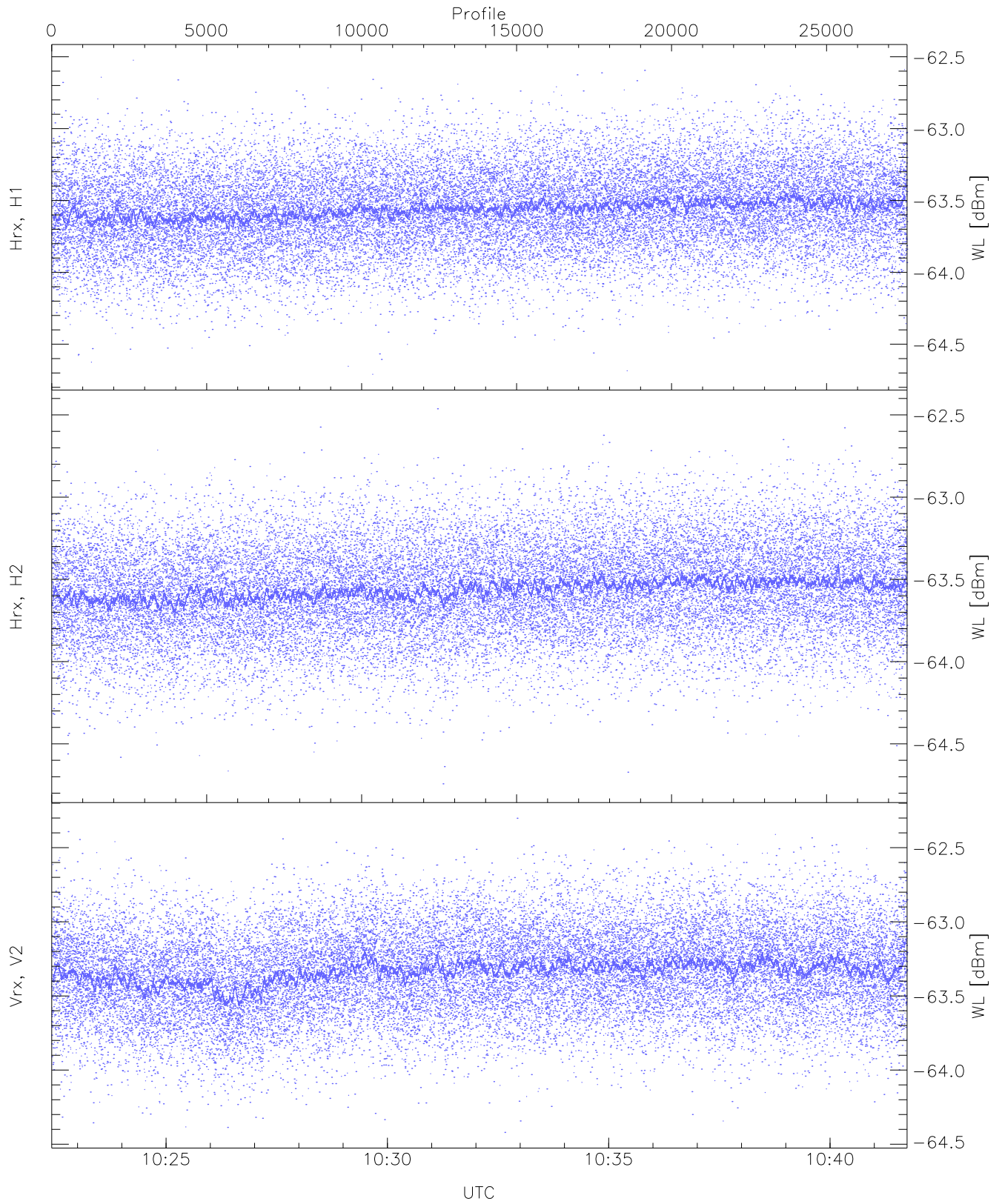
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,14,22,26,30  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,18,26,28,32  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



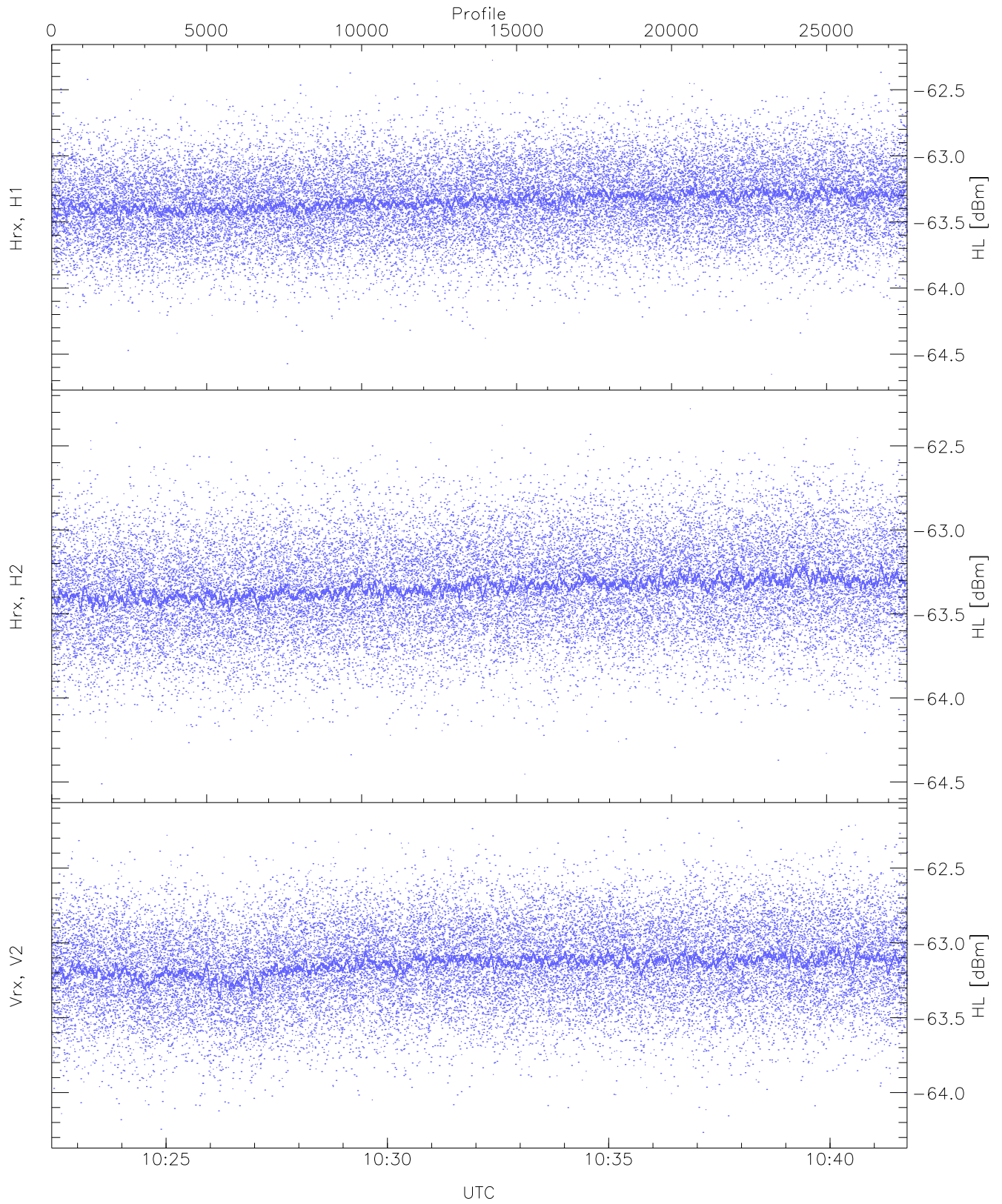
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 111 pixs, 2 gates, 111 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

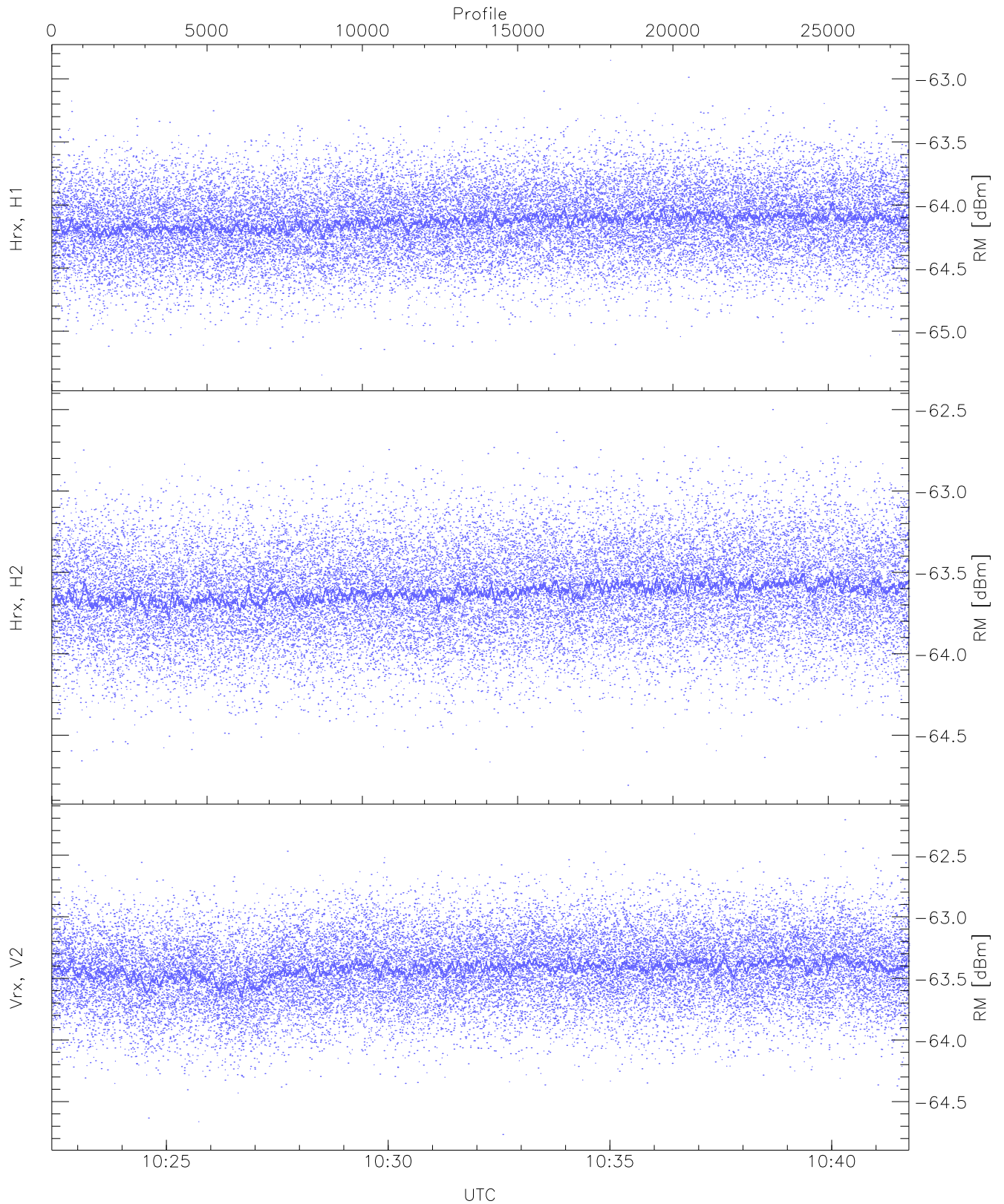
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.71	-62.52	-63.56	-63.56	-75.64
Hrx, H2 (WL [dBm])	-64.74	-62.46	-63.56	-63.56	-75.68
Vrx, V2 (WL [dBm])	-64.42	-62.30	-63.33	-63.33	-75.32



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

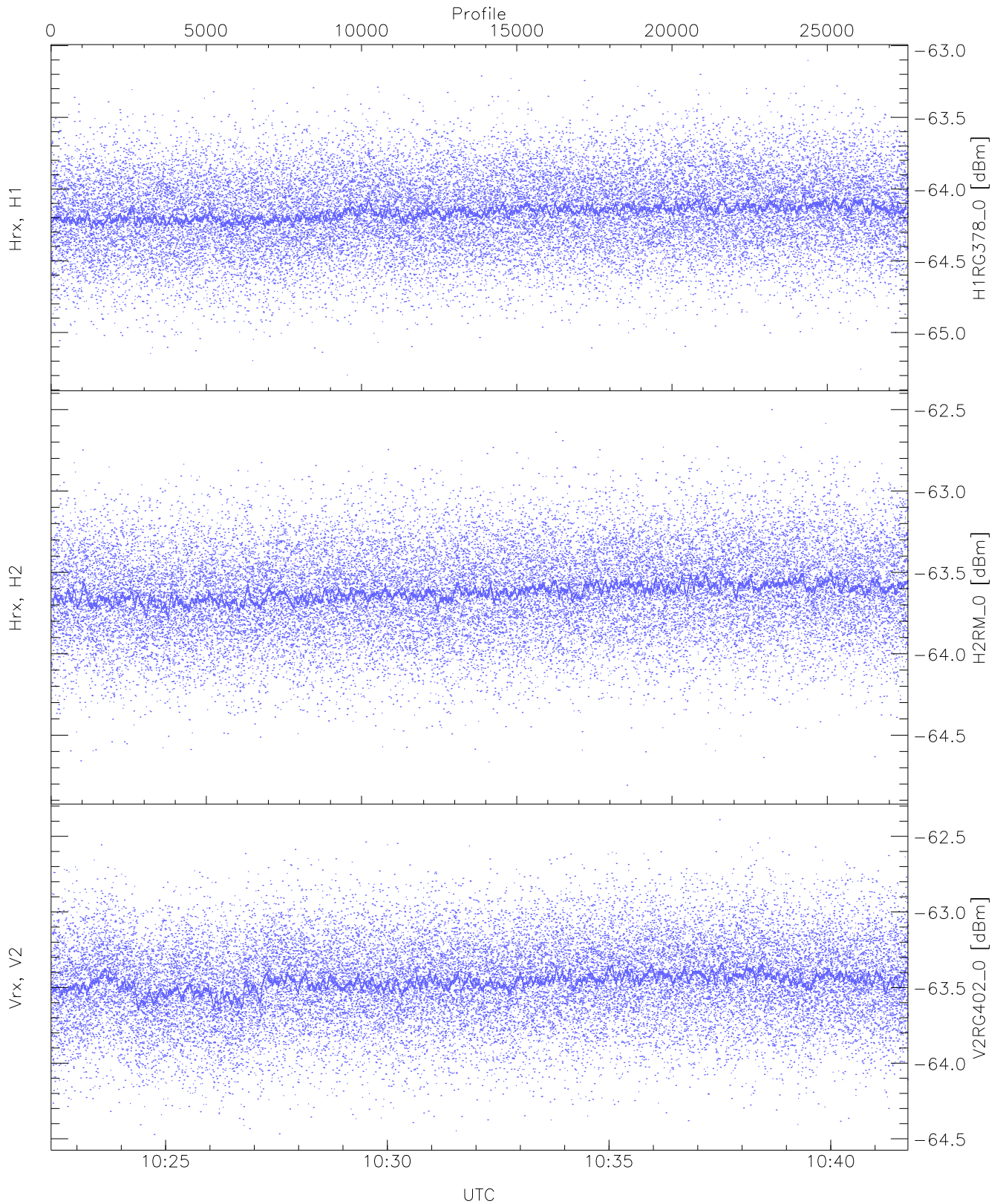
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.65	-62.28	-63.34	-63.34	-75.43
Hrx, H2 (HL [dBm])	-64.51	-62.28	-63.34	-63.35	-75.45
Vrx, V2 (HL [dBm])	-64.27	-62.17	-63.14	-63.14	-75.21





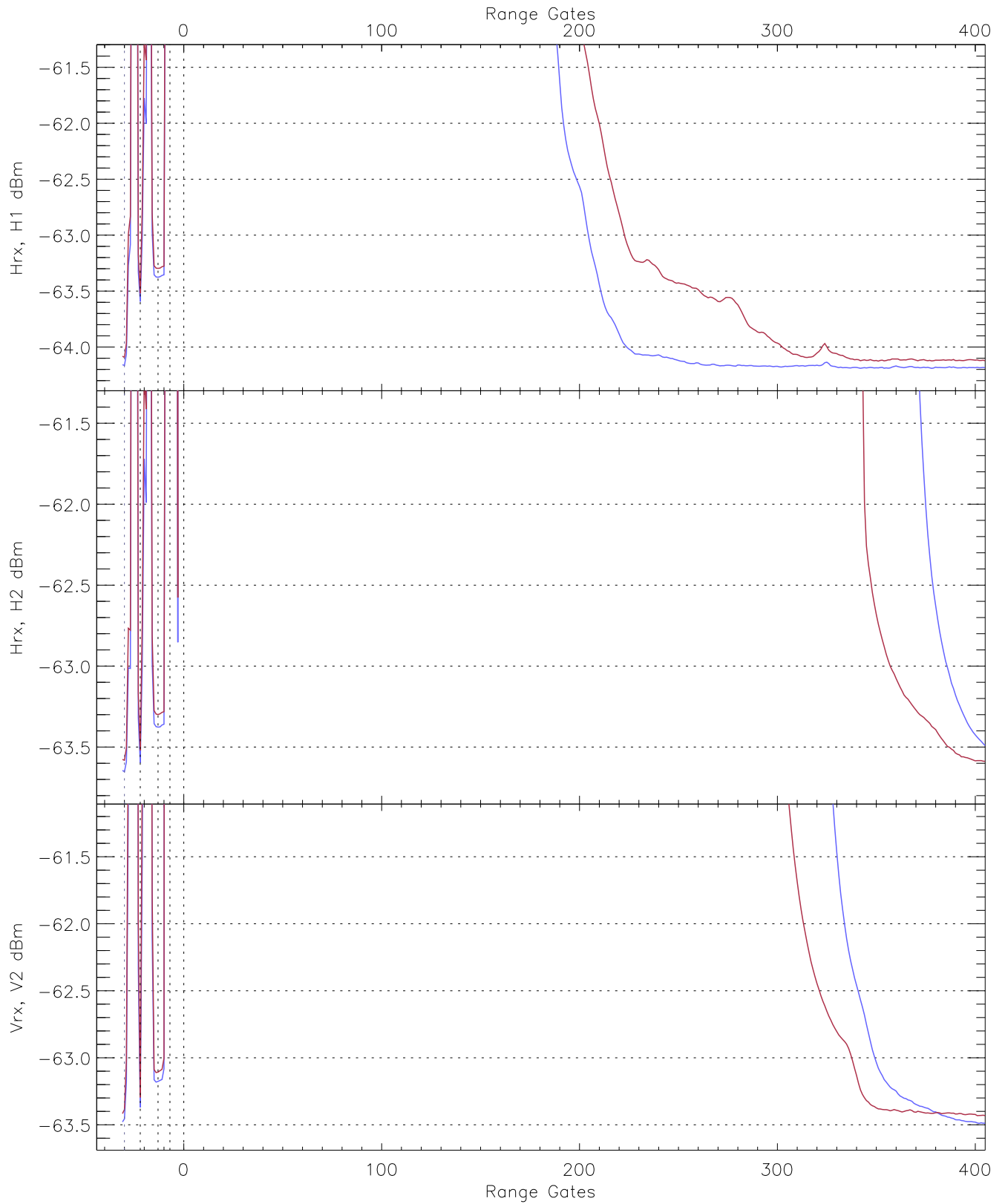
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.35	-62.85	-64.13	-64.13	-76.22
Hrx, H2 (RM [dBm])	-64.81	-62.50	-63.62	-63.62	-75.73
Vrx, V2 (RM [dBm])	-64.77	-62.21	-63.42	-63.43	-75.44



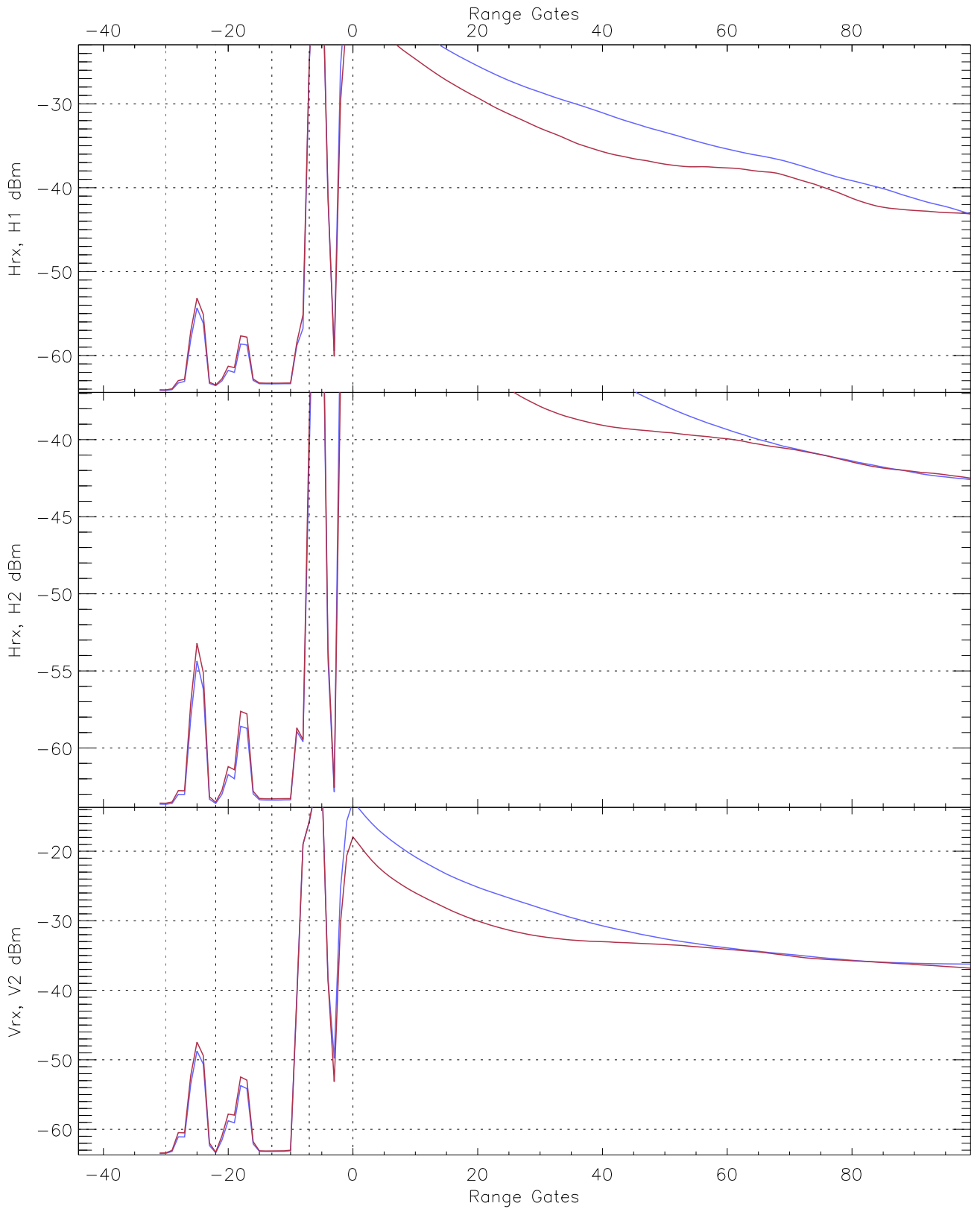
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG378_0 [dBm]	-65.30	-63.10	-64.16	-64.16	-76.26
H2RM_0 [dBm]	-64.81	-62.50	-63.62	-63.62	-75.73
V2RG402_0 [dBm]	-64.47	-62.39	-63.46	-63.46	-75.51

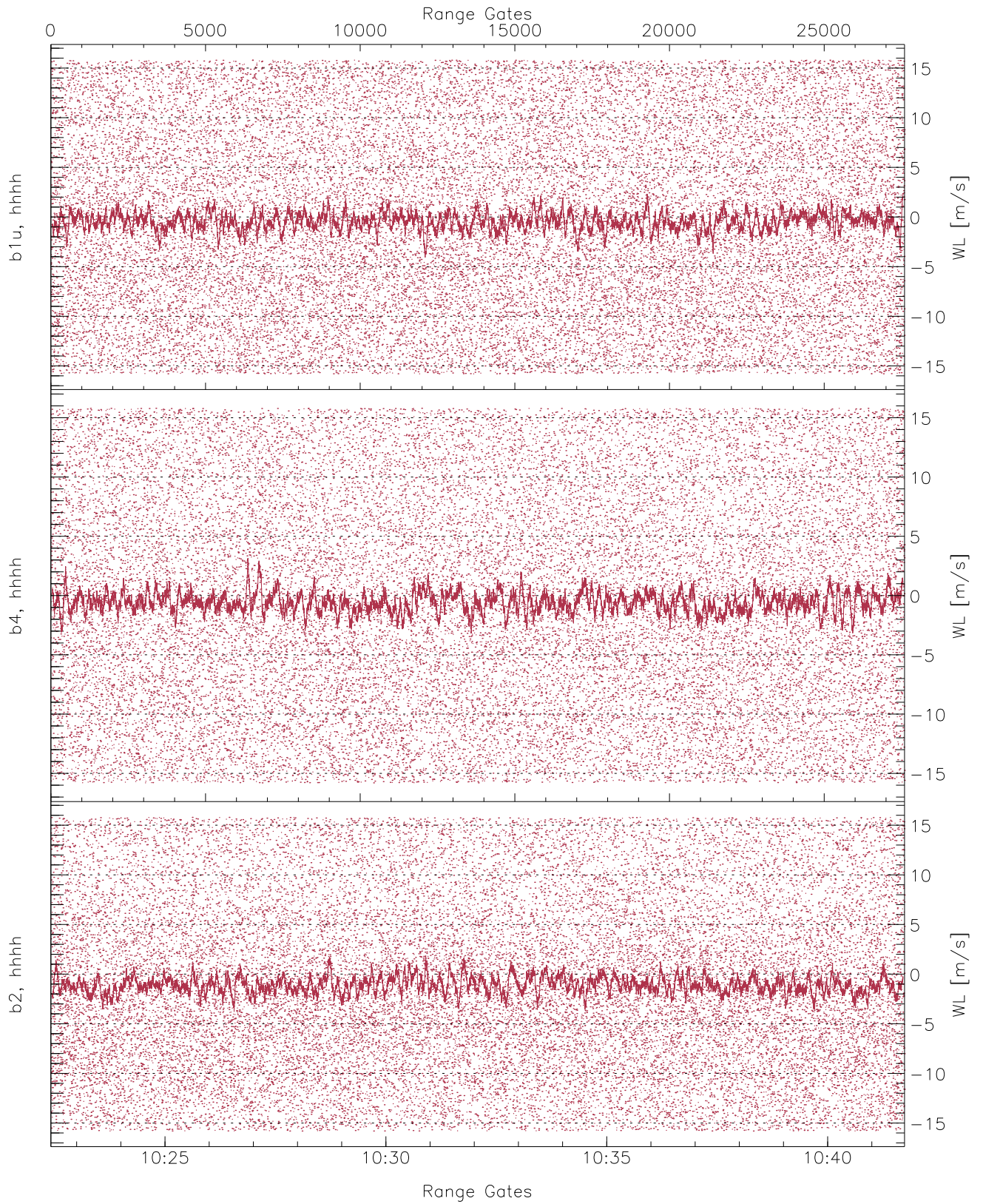


WCR2 CPP Averaged Received power for all recorded gates  
blue: 102225-103205, 13801 profiles averaged  
red: 103205-104144, 13800 profiles averaged

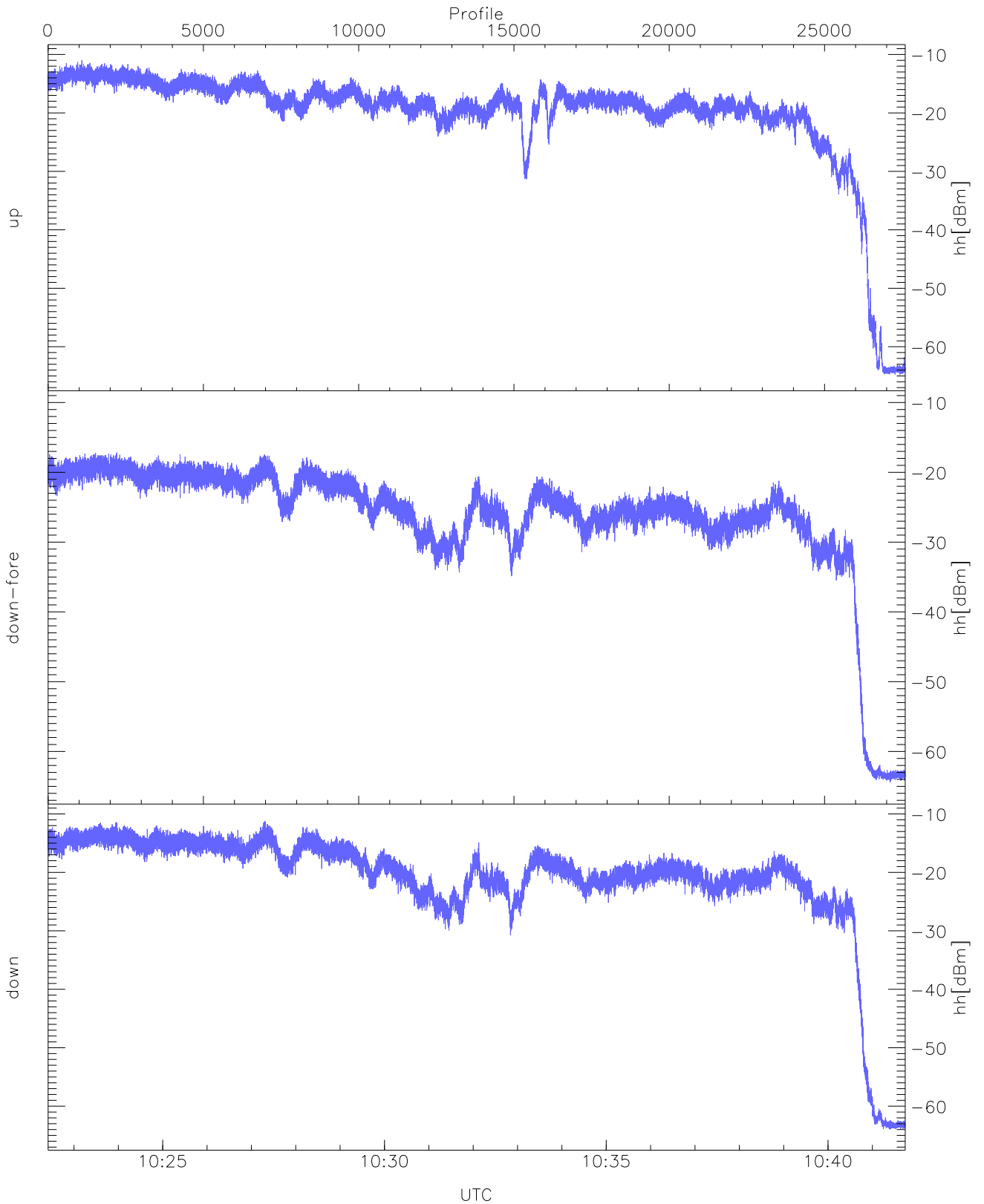




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 102225-103205, 13801 profiles averaged  
red: 103205-104144, 13800 profiles averaged

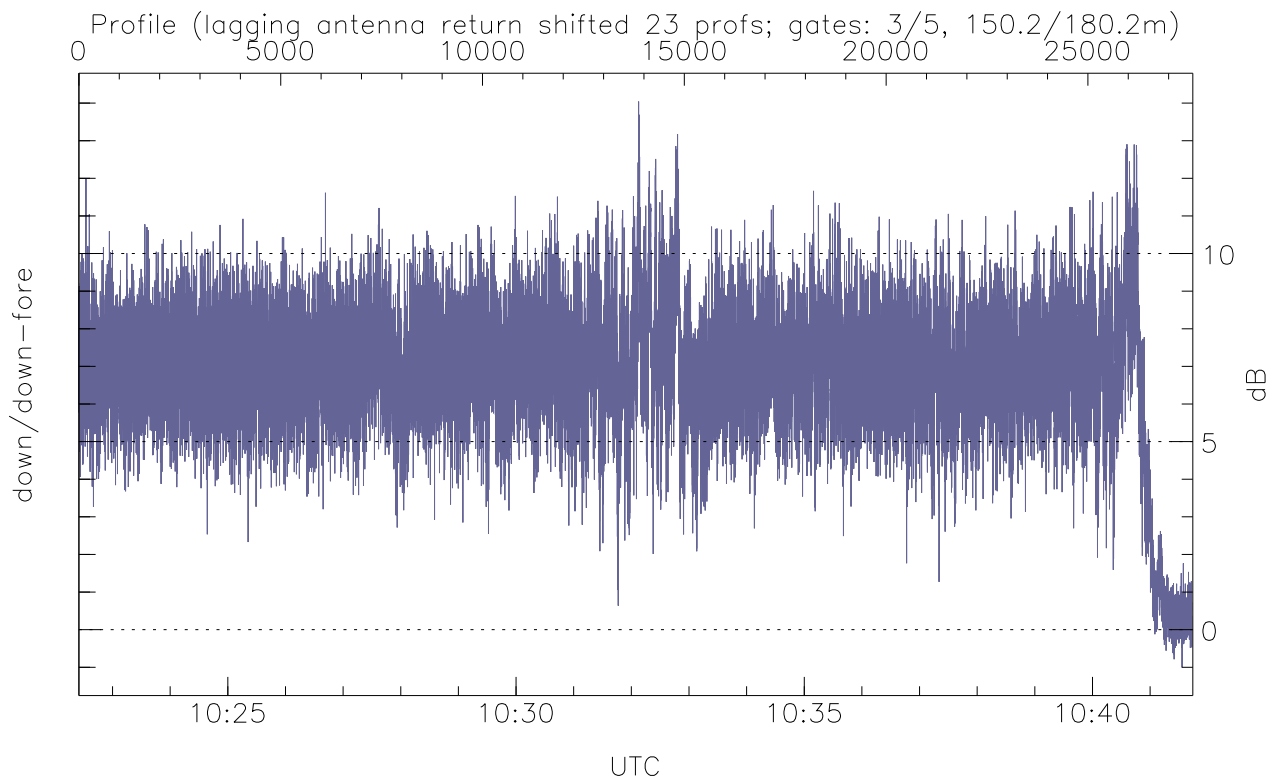
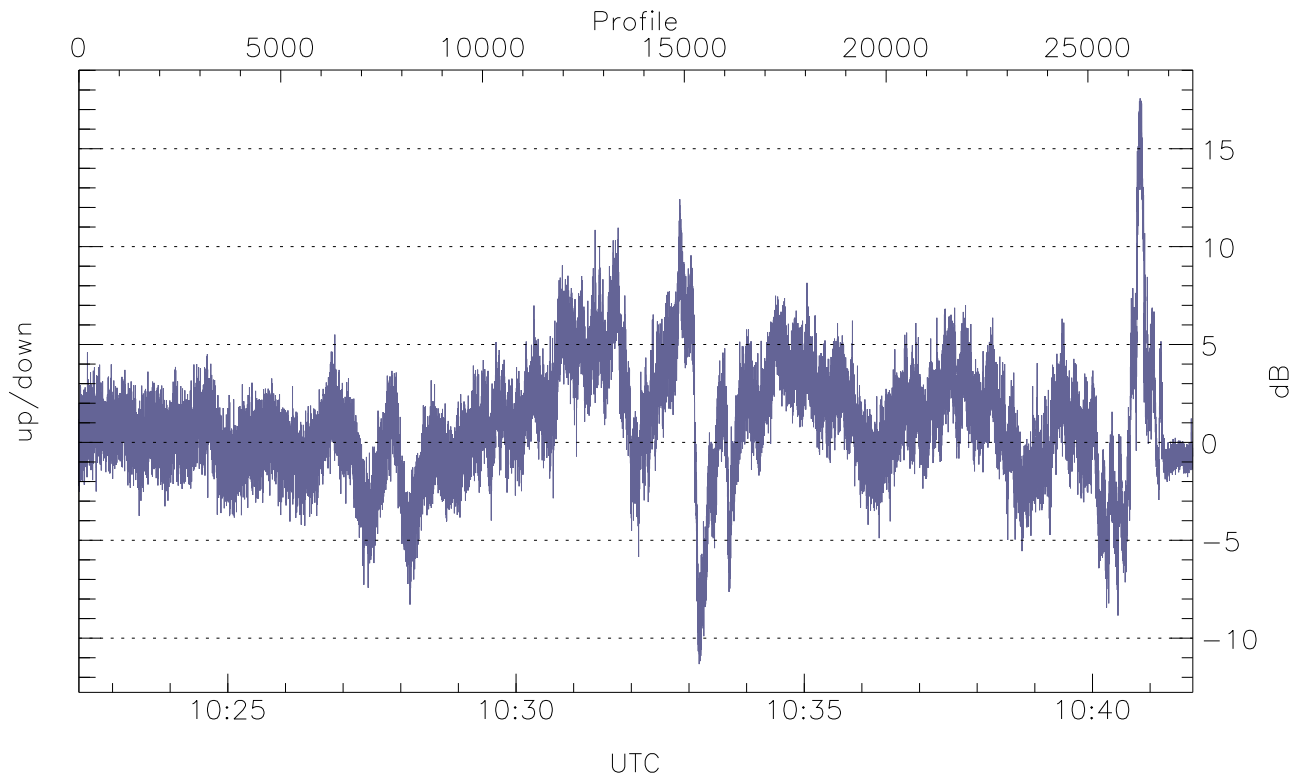


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



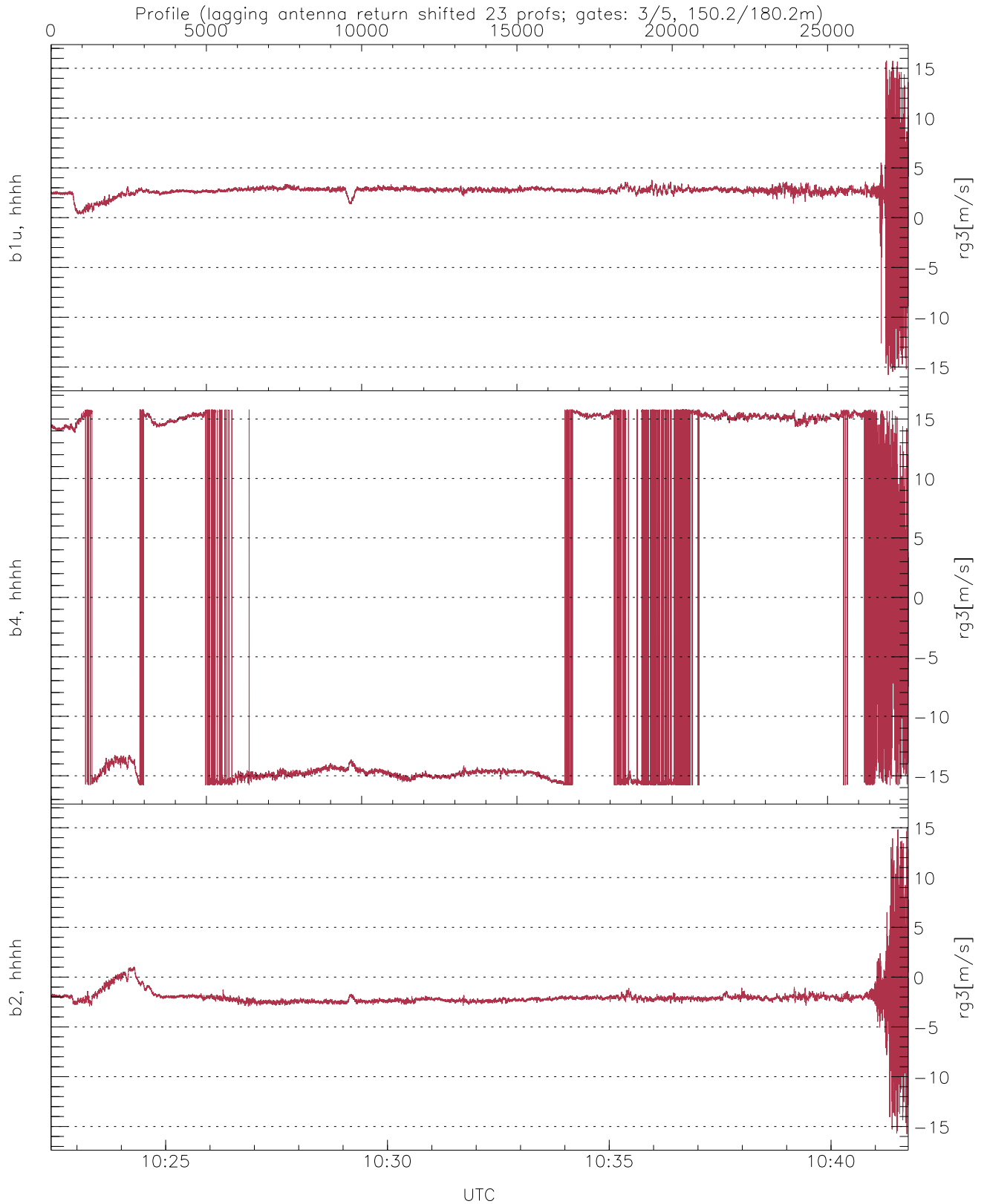
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh [dBm])	-64.84	-11.00	-17.41
down-fore(hh [dBm])	-64.43	-17.18	-23.31
down(hh [dBm])	-63.99	-11.22	-17.87



WCR2 Beam pairs Received Power Ratio(s)

	Min	Max	Mean
up/down (dB)	-11.32	17.58	0.94
down/down-fore (dB)	-1.00	14.04	6.86



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.77	2.59	1.29
b4, hhhh(rg3[m/s])	-15.80	15.80	-1.80	14.71
b2, hhhh(rg3[m/s])	-15.76	15.06	-2.03	1.01