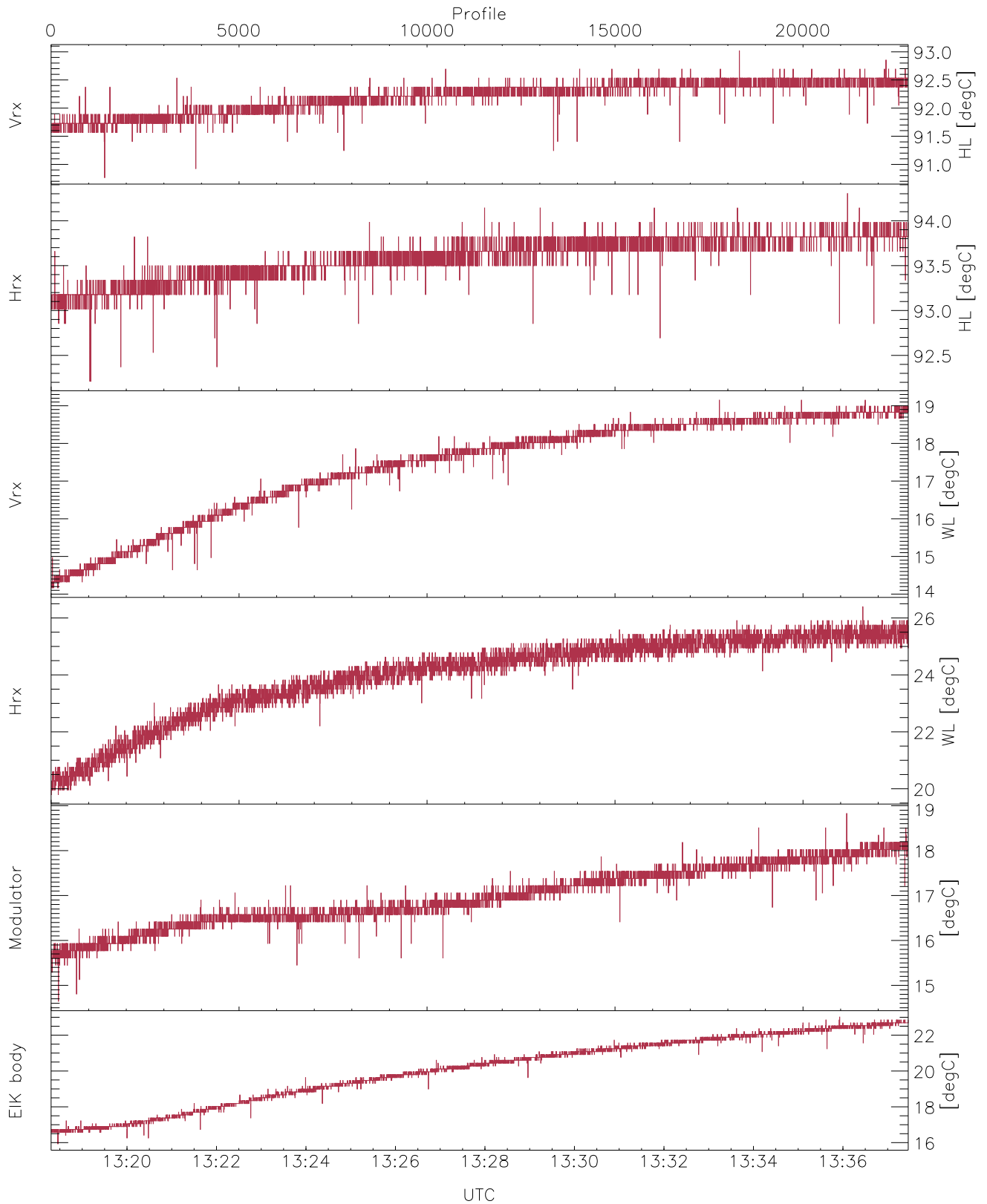


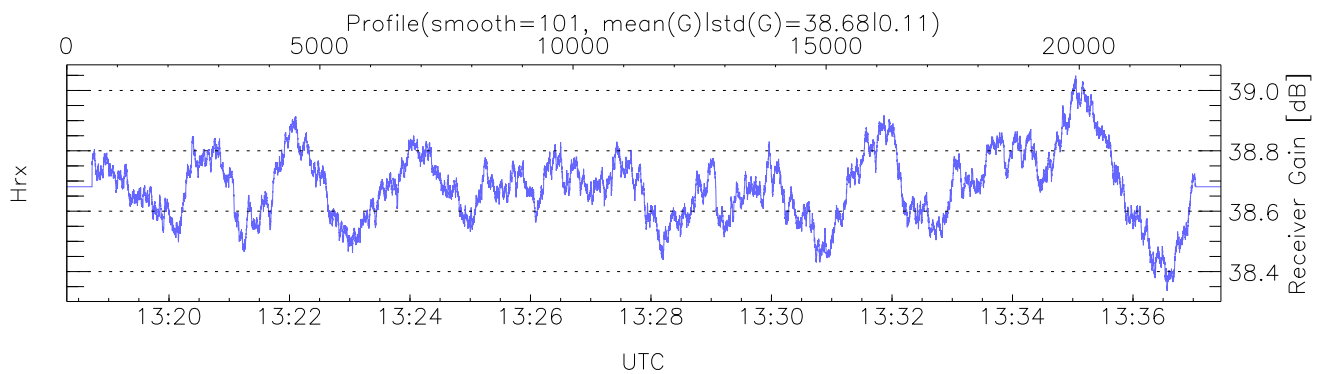
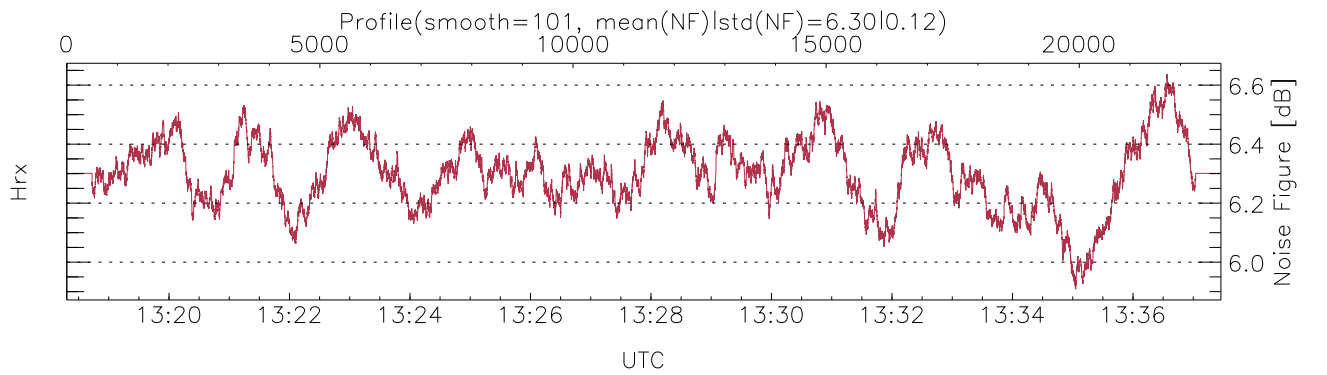
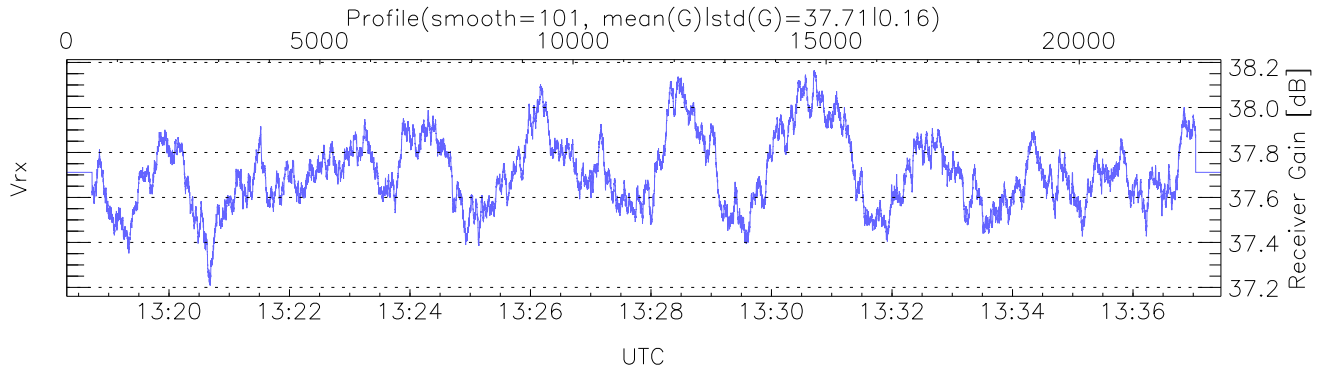
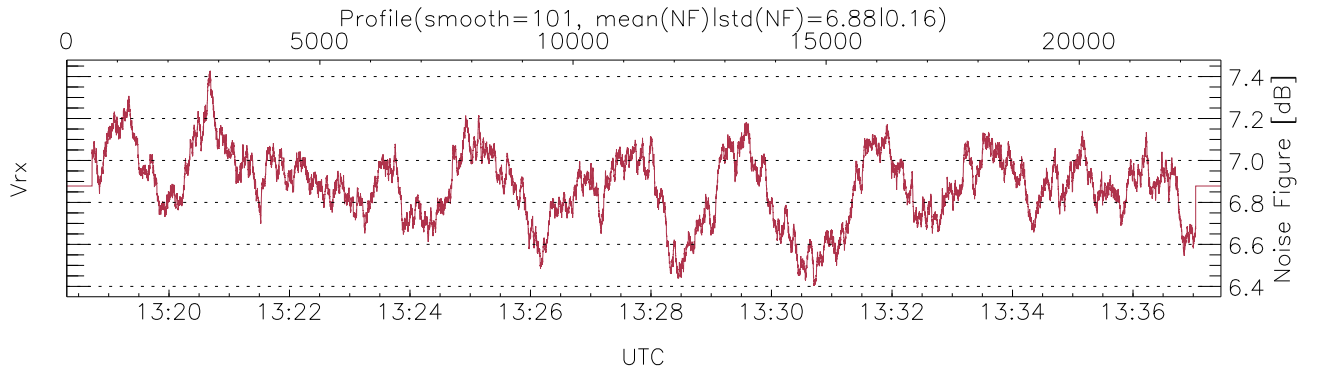
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 13:18:18-13:43:45, Dur: 1526.29s  
 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): 22800/30277, 0-22799/13:18:18-13:37:28  
 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,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3  
 Mirror(-910112,3,9x = no mirror/sideluplerror): 91



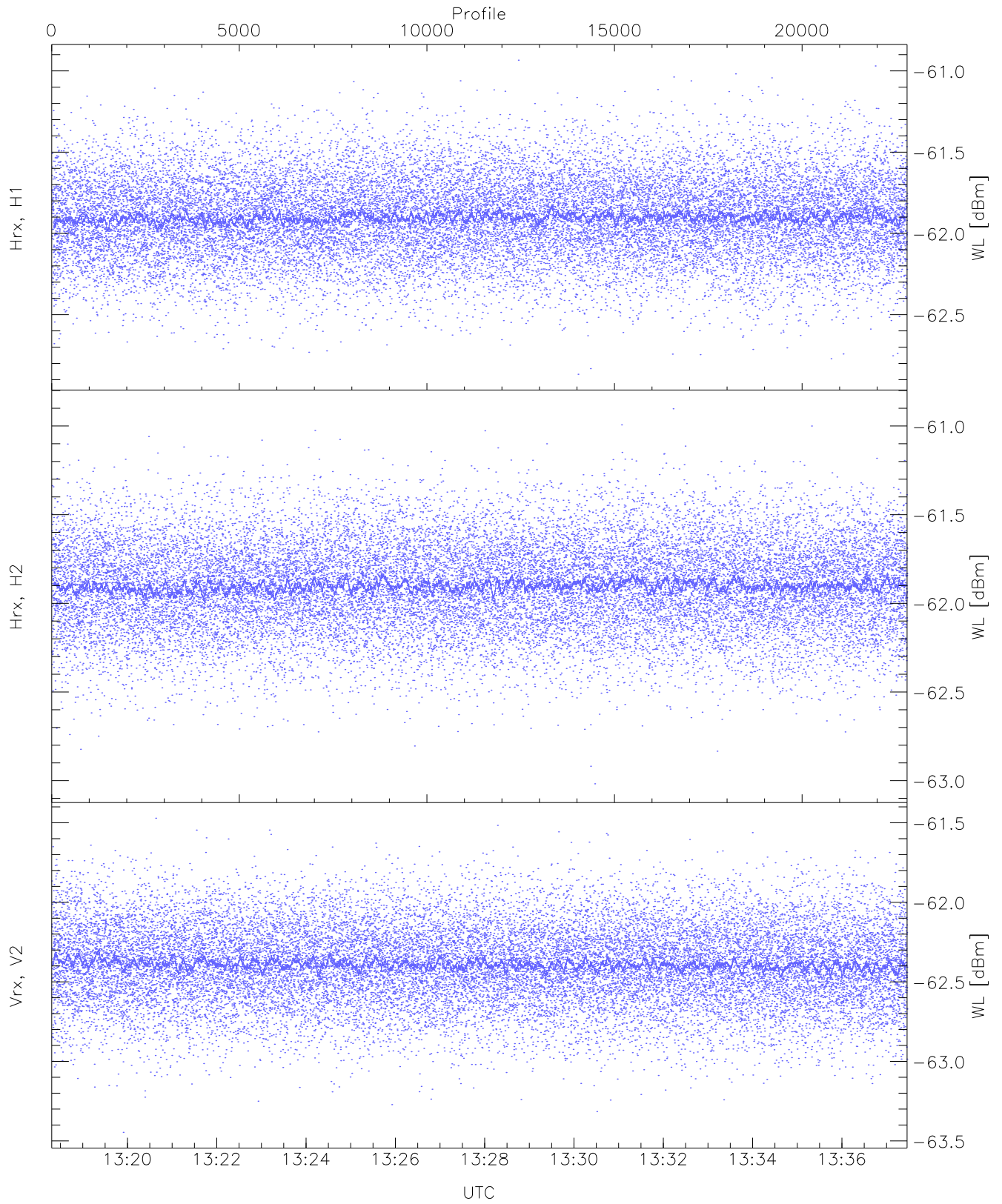
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,92,14,19,14,15`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,19,26,18,23`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,10,10,5,5)`



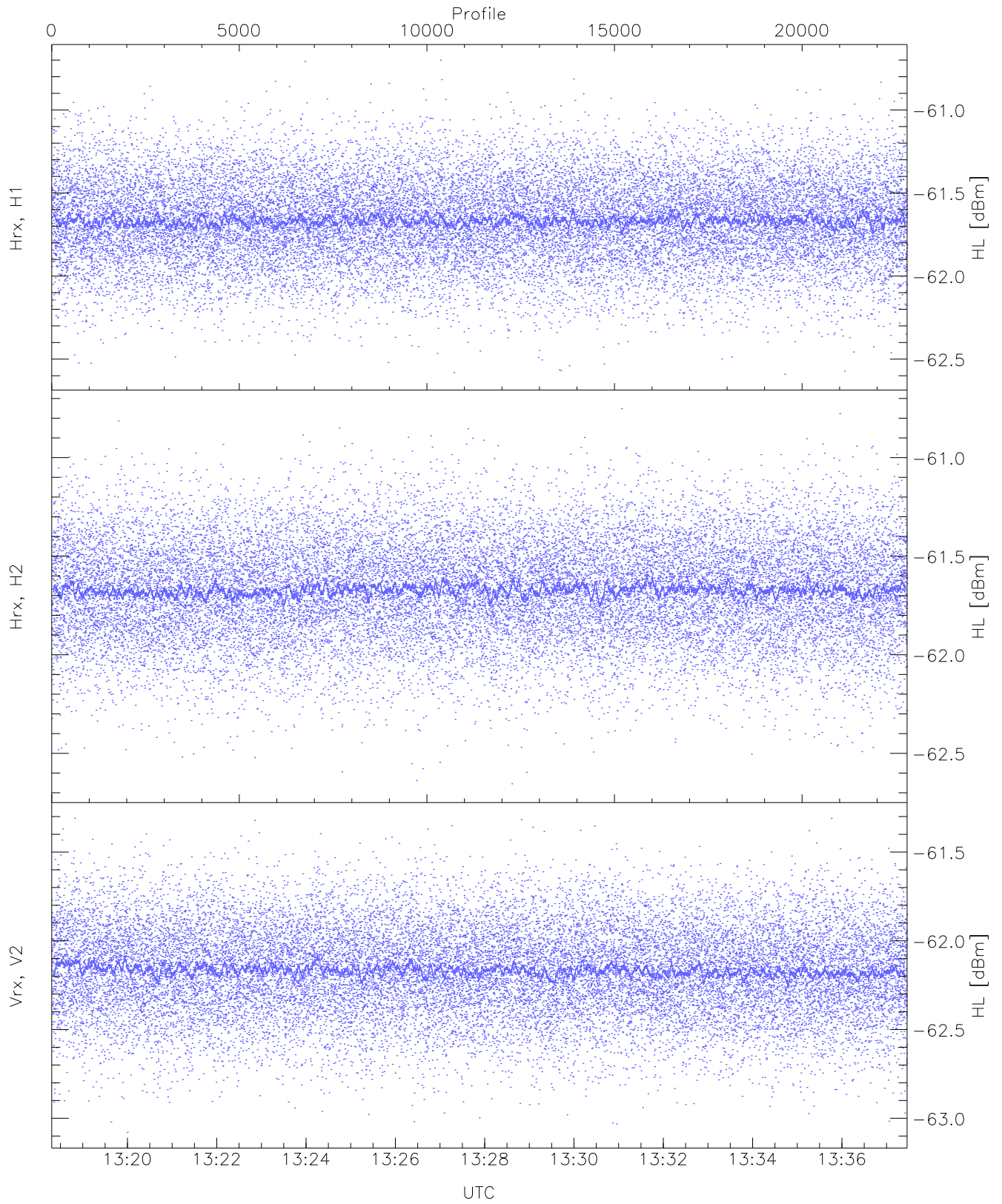
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5351 pixs, 34 gates, 5104 profs, 1 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

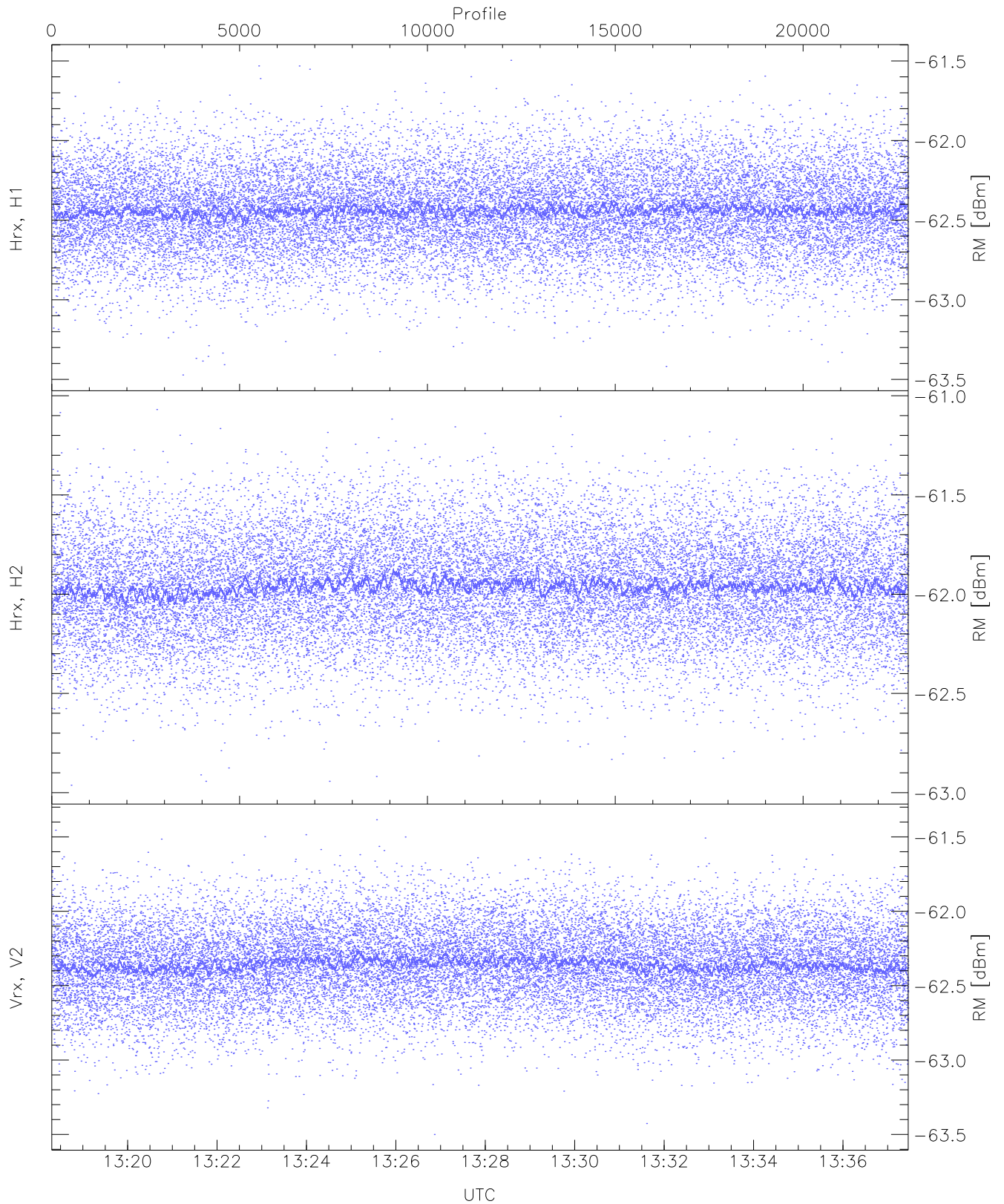
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.87	-60.93	-61.90	-61.90	-74.48
Hrx, H2 (WL [dBm])	-63.02	-60.90	-61.90	-61.90	-74.46
Vrx, V2 (WL [dBm])	-63.45	-61.47	-62.39	-62.39	-74.94



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

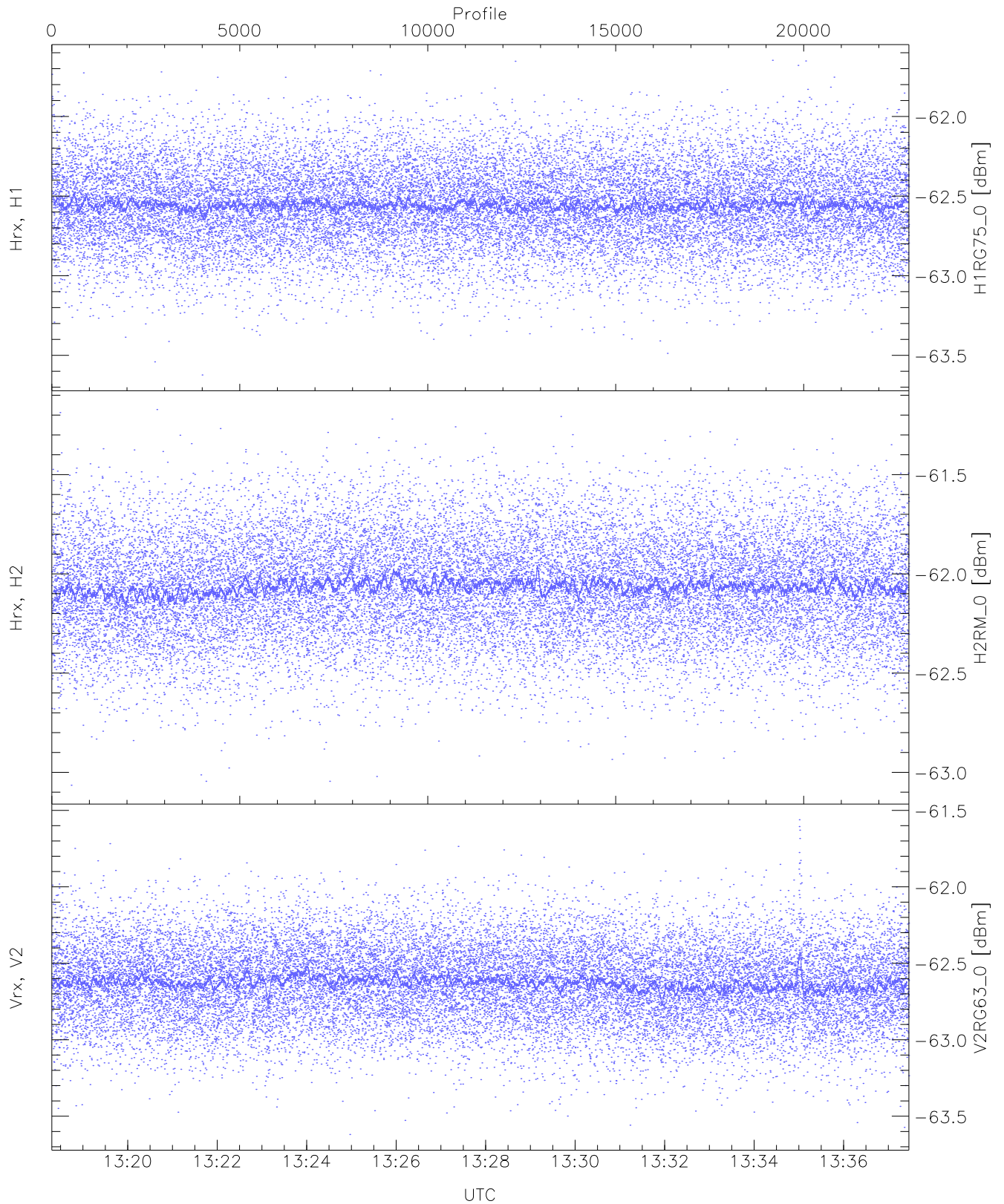
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.59	-60.70	-61.66	-61.67	-74.22
Hrx, H2 (HL [dBm])	-62.65	-60.75	-61.67	-61.67	-74.23
Vrx, V2 (HL [dBm])	-63.08	-61.31	-62.16	-62.17	-74.72





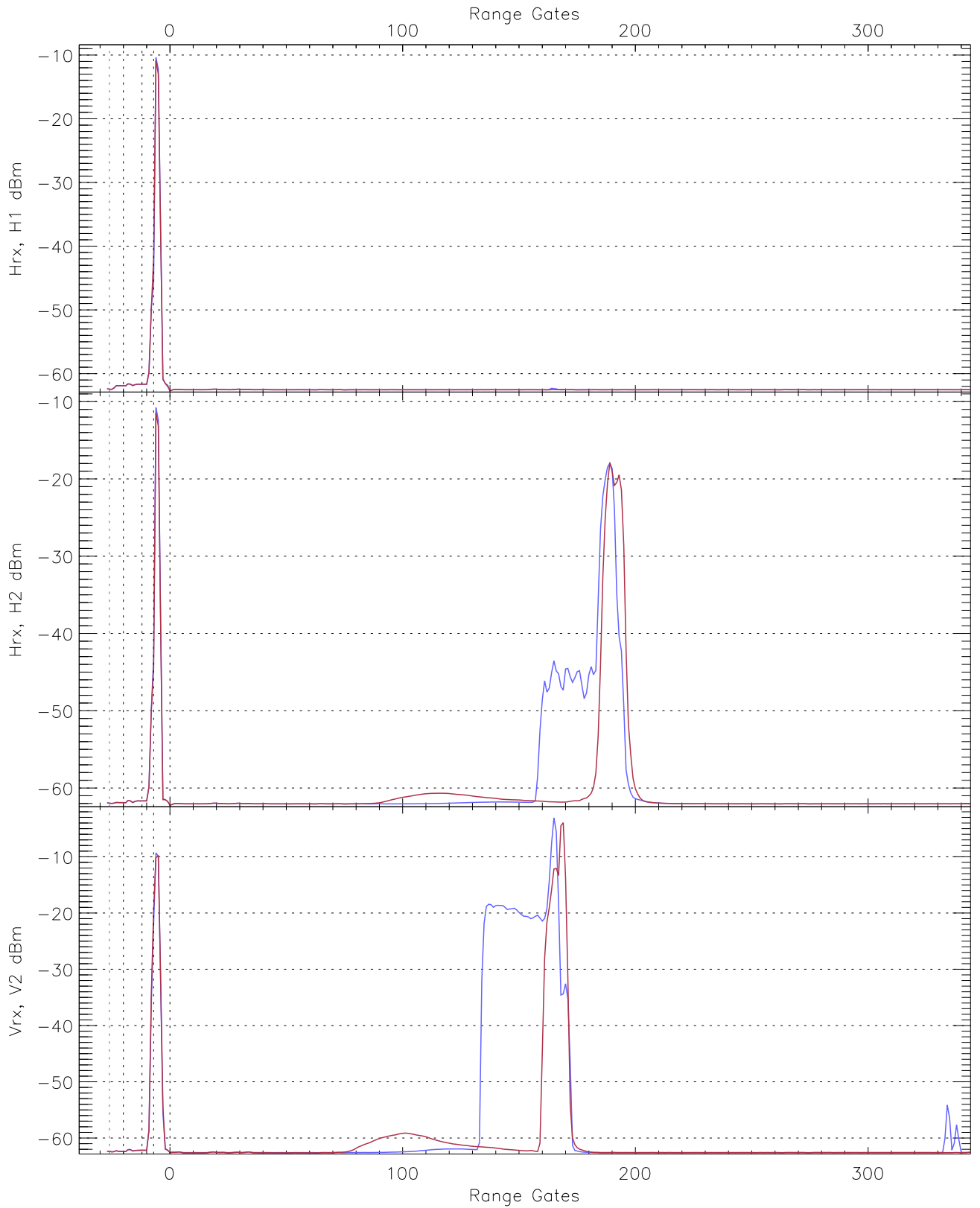
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.47	-61.50	-62.44	-62.44	-74.99
Hrx, H2 (RM [dBm])	-62.96	-61.07	-61.96	-61.97	-74.53
Vrx, V2 (RM [dBm])	-63.50	-61.39	-62.36	-62.36	-74.91



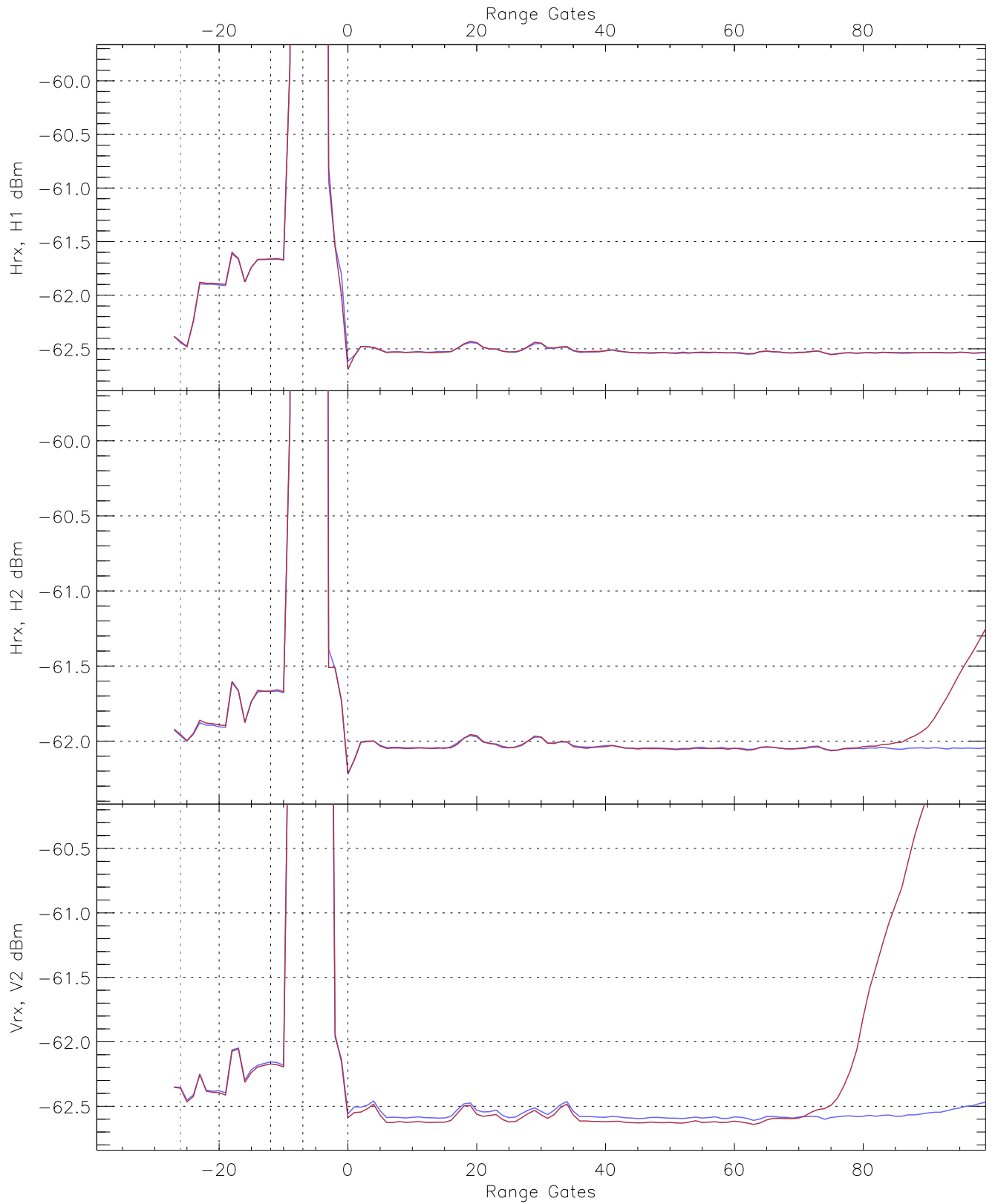
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.62	-61.65	-62.55	-62.56	-75.10
H2RM_0 [dBm]	-63.07	-61.17	-62.06	-62.07	-74.63
V2RG63_0 [dBm]	-63.62	-61.56	-62.63	-62.63	-75.15

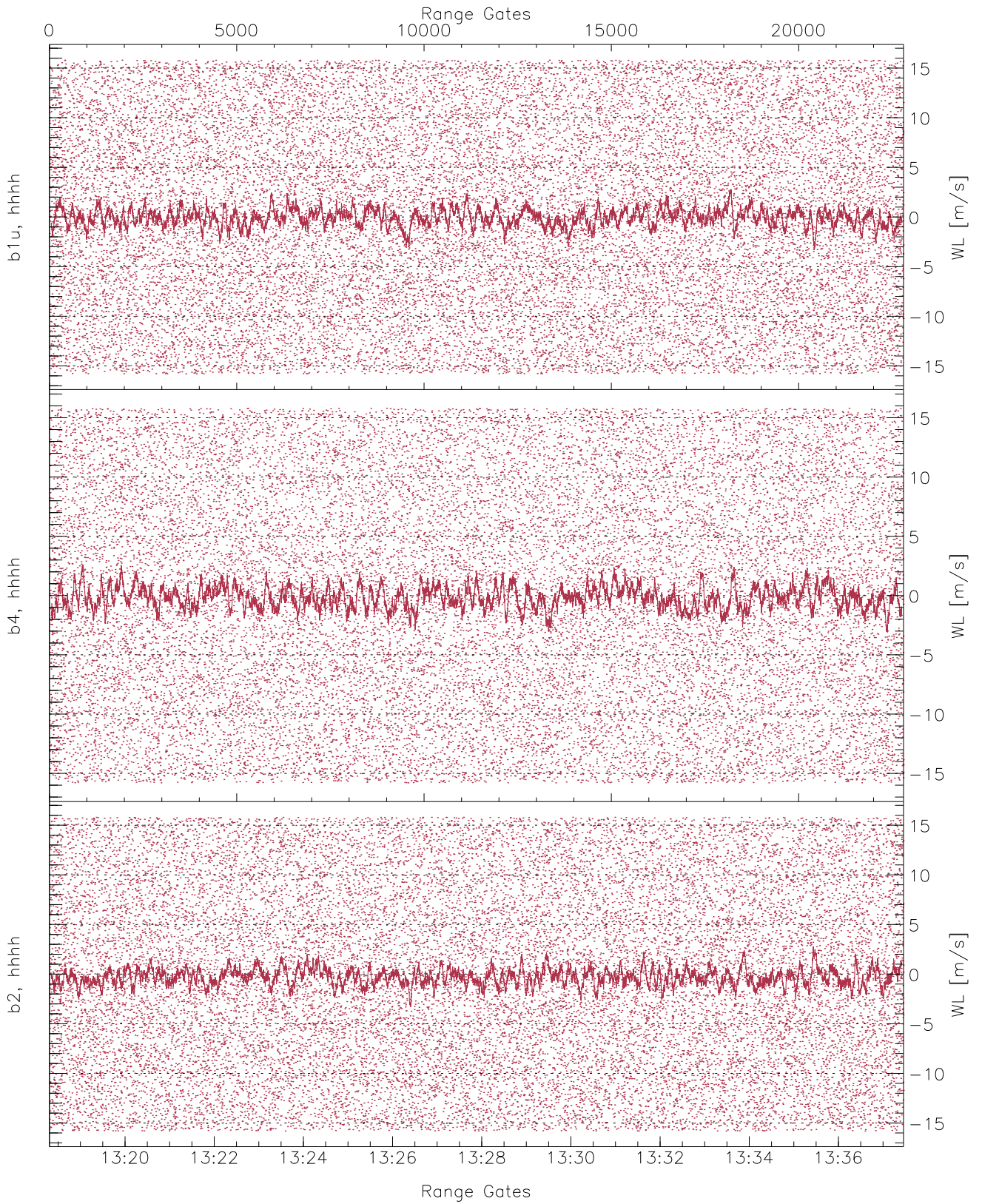


WCR2 CPP Averaged Received power for all recorded gates  
blue: 131818-132753, 11401 profiles averaged  
red: 132753-133728, 11400 profiles averaged

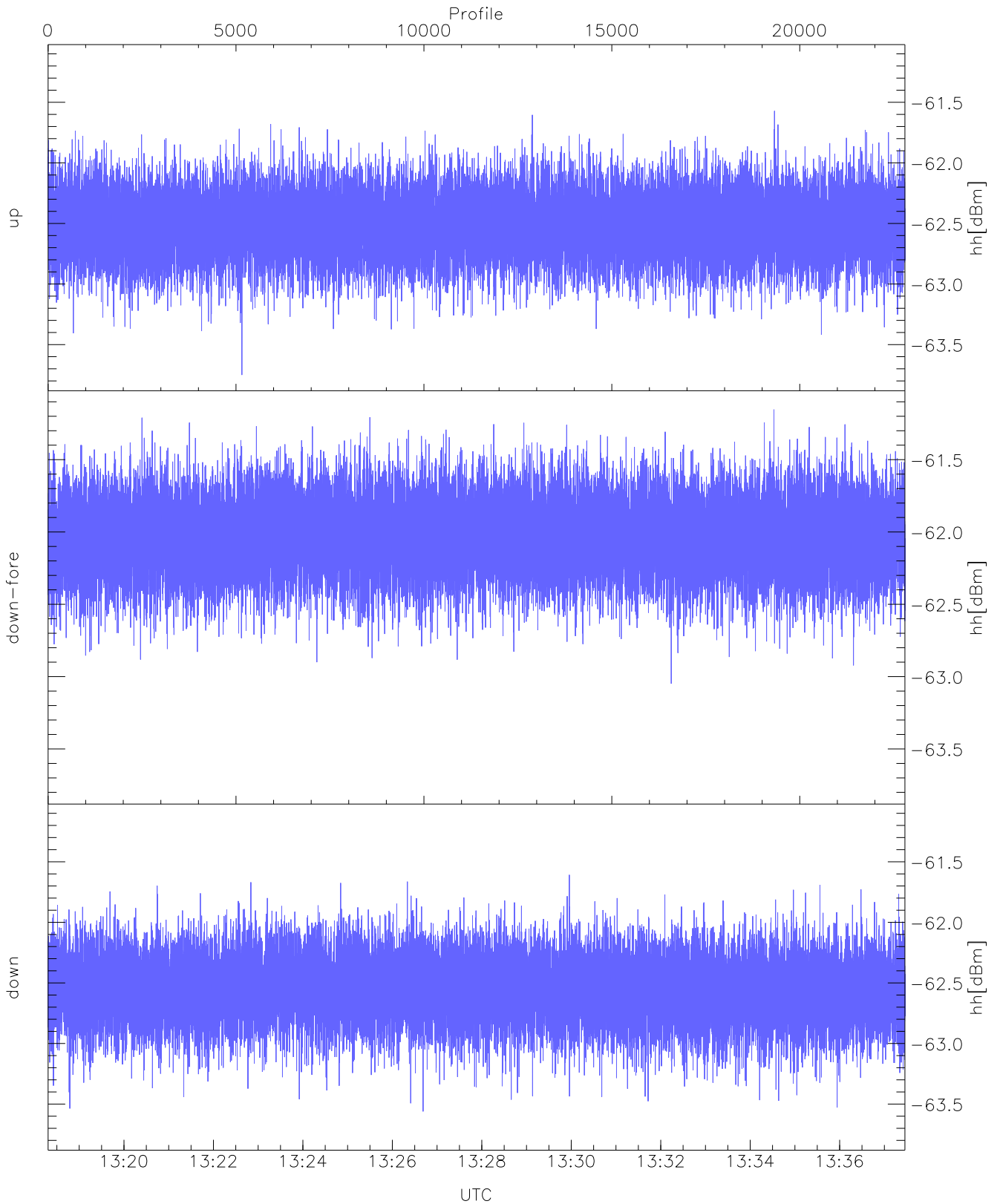




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 131818-132753, 11401 profiles averaged  
red: 132753-133728, 11400 profiles averaged

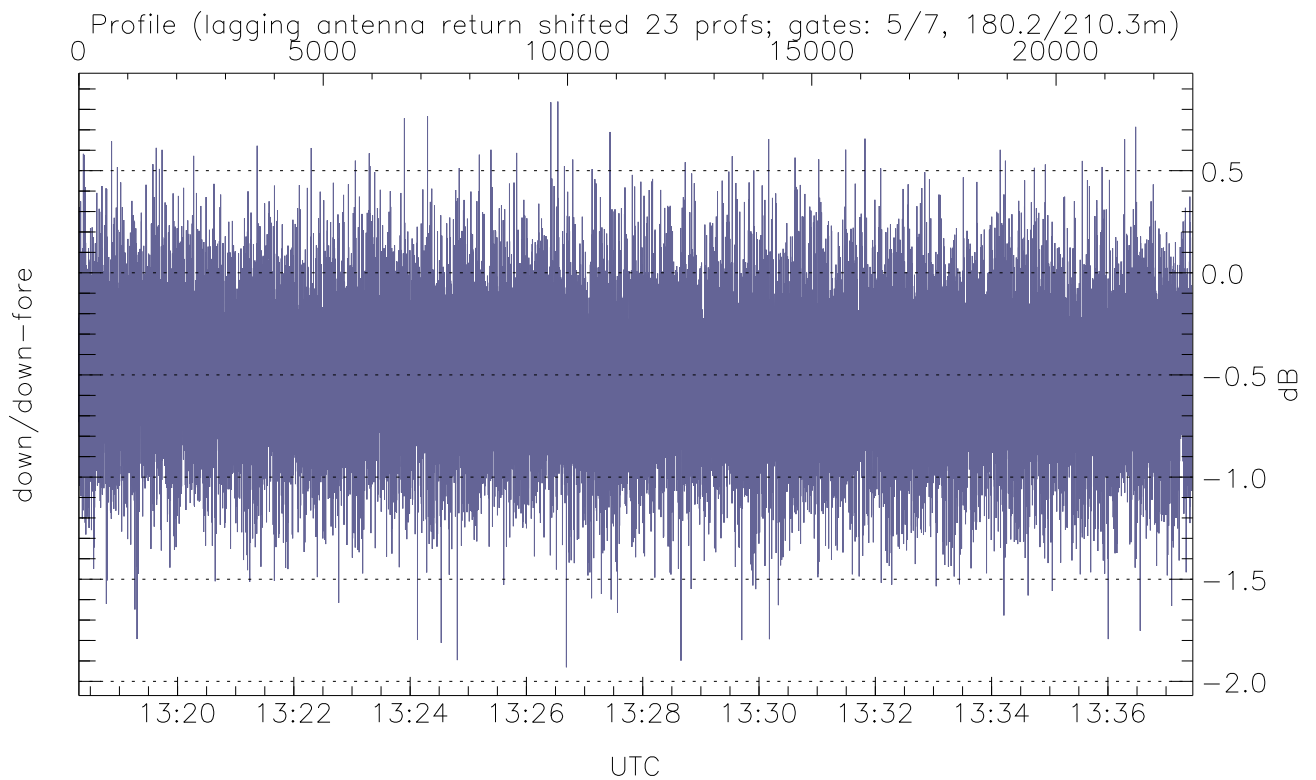
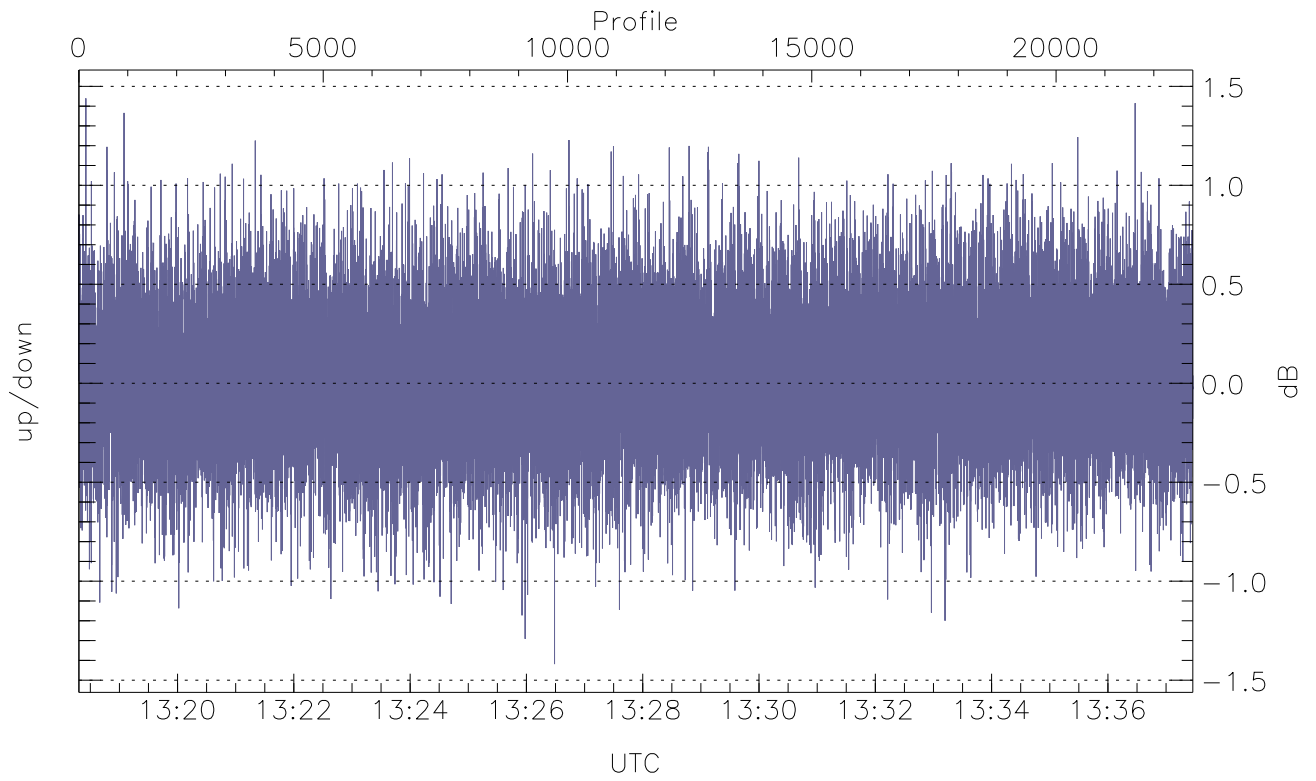


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



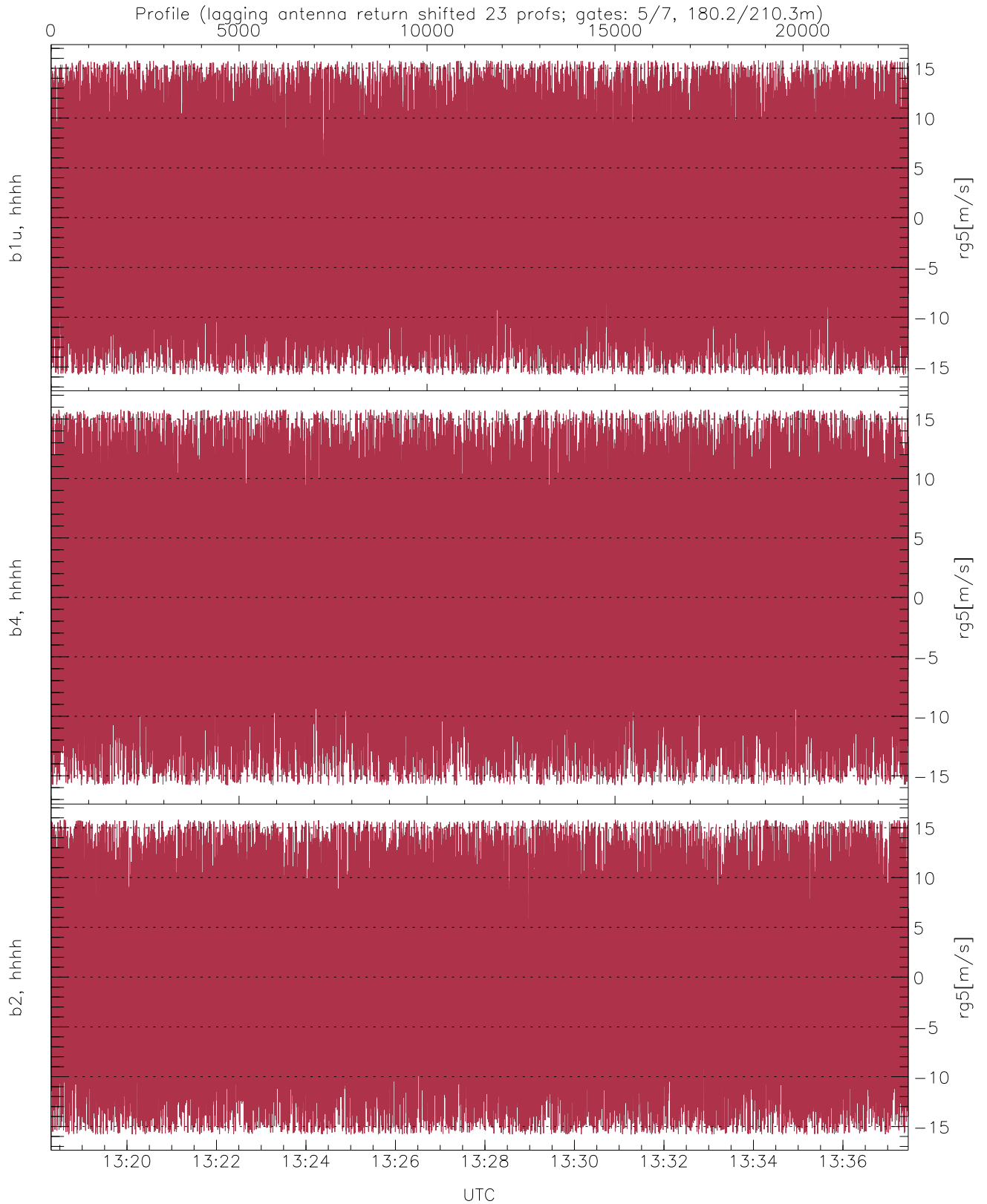
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.75	-61.57	-62.51
down-fore(hh[dBm])	-63.05	-61.15	-62.03
down(hh[dBm])	-63.56	-61.61	-62.55



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

	Min	Max	Mean
up/down (dB)	-1.42	1.44	0.04
down/down-fore (dB)	-1.93	0.84	-0.51



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.14	9.00
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.10	8.98
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.50	9.04