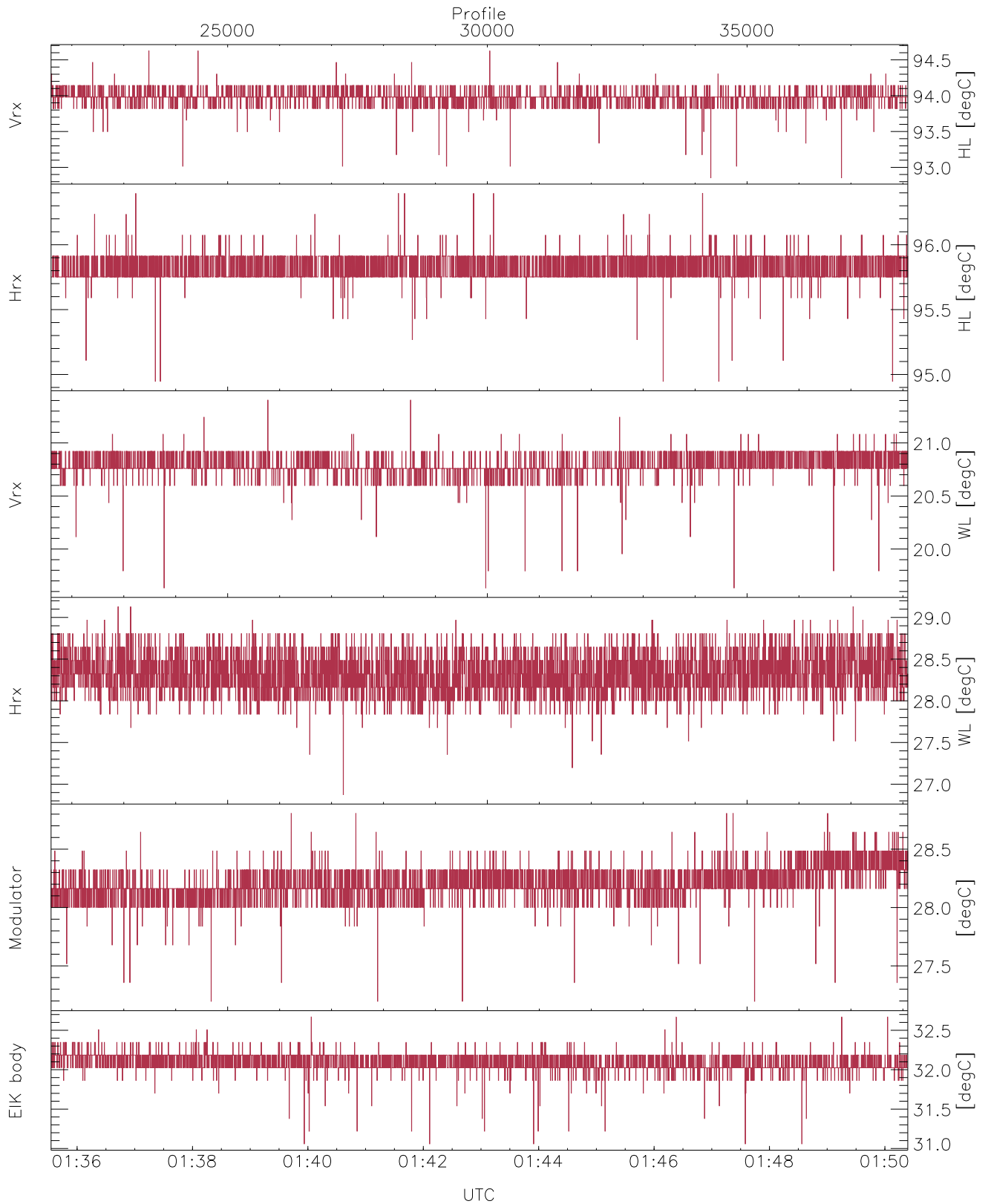


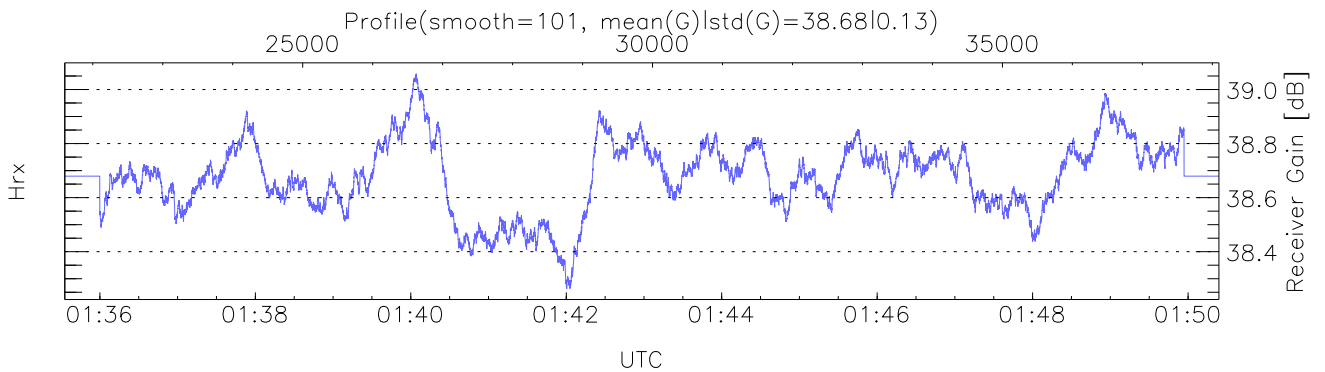
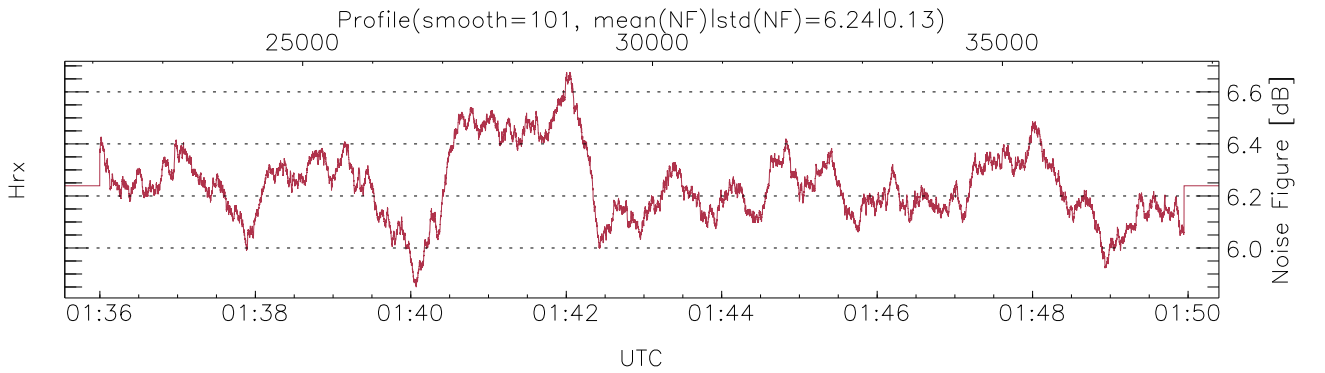
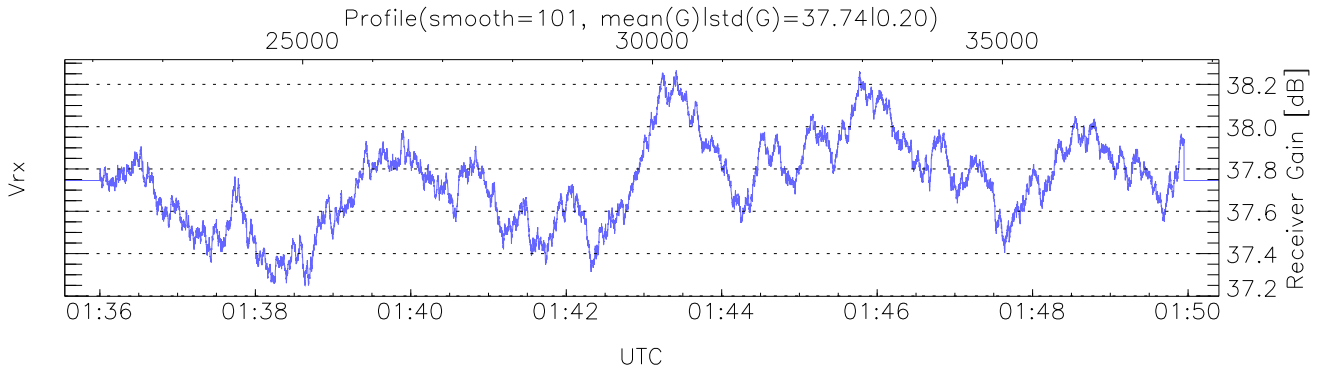
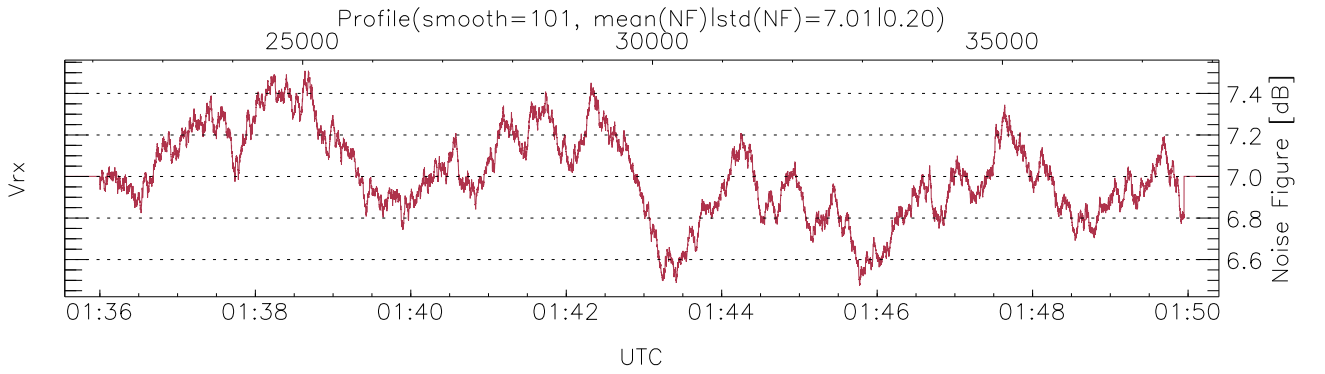
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 01:16:06-01:50:24, Dur: 2057.65s  
 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): 16496/38096, 21600-38095/01:35:33-01:50:24  
 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



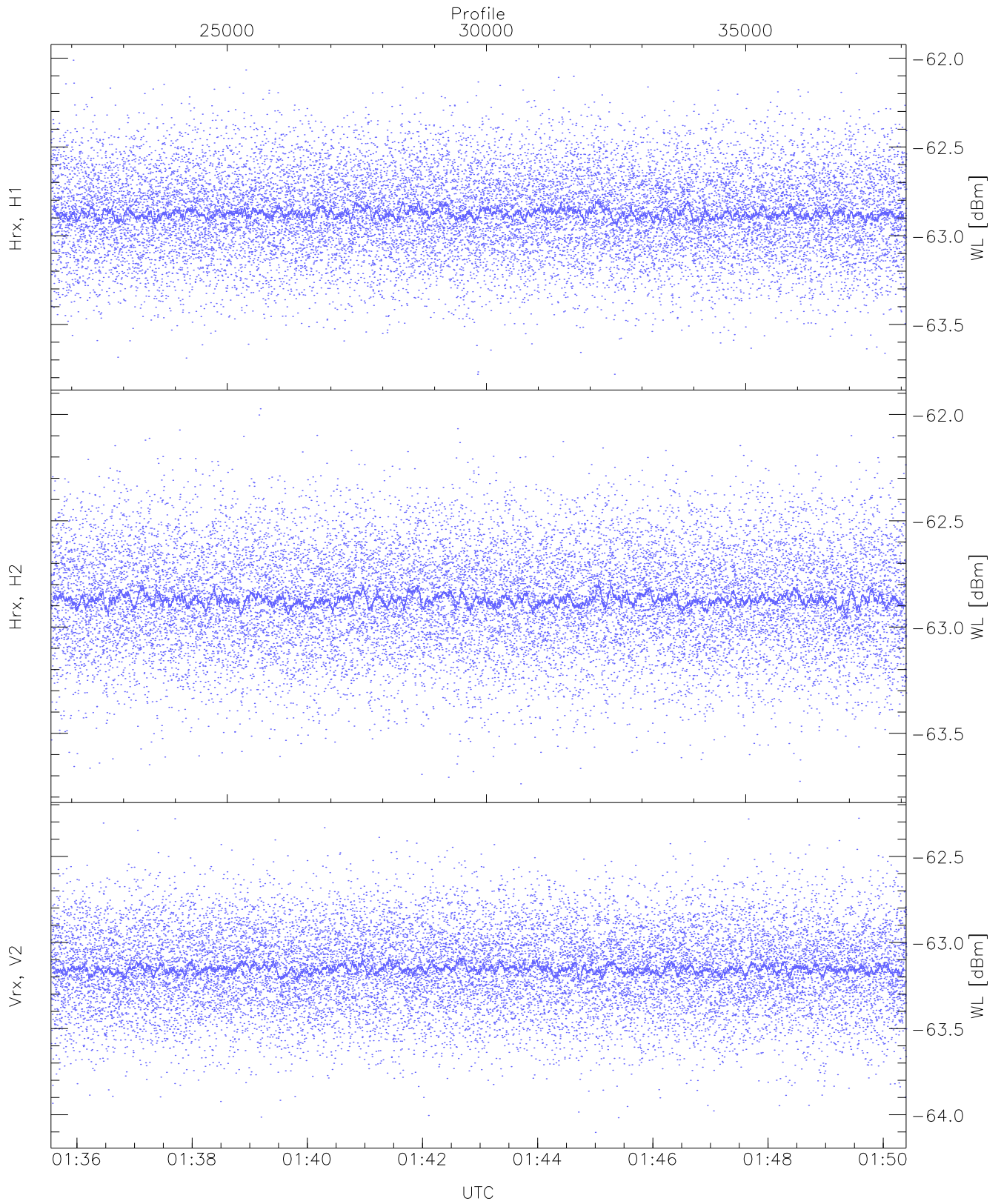
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,26,27,31  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,28,32  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK Faults(# prof affected):  
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,5)



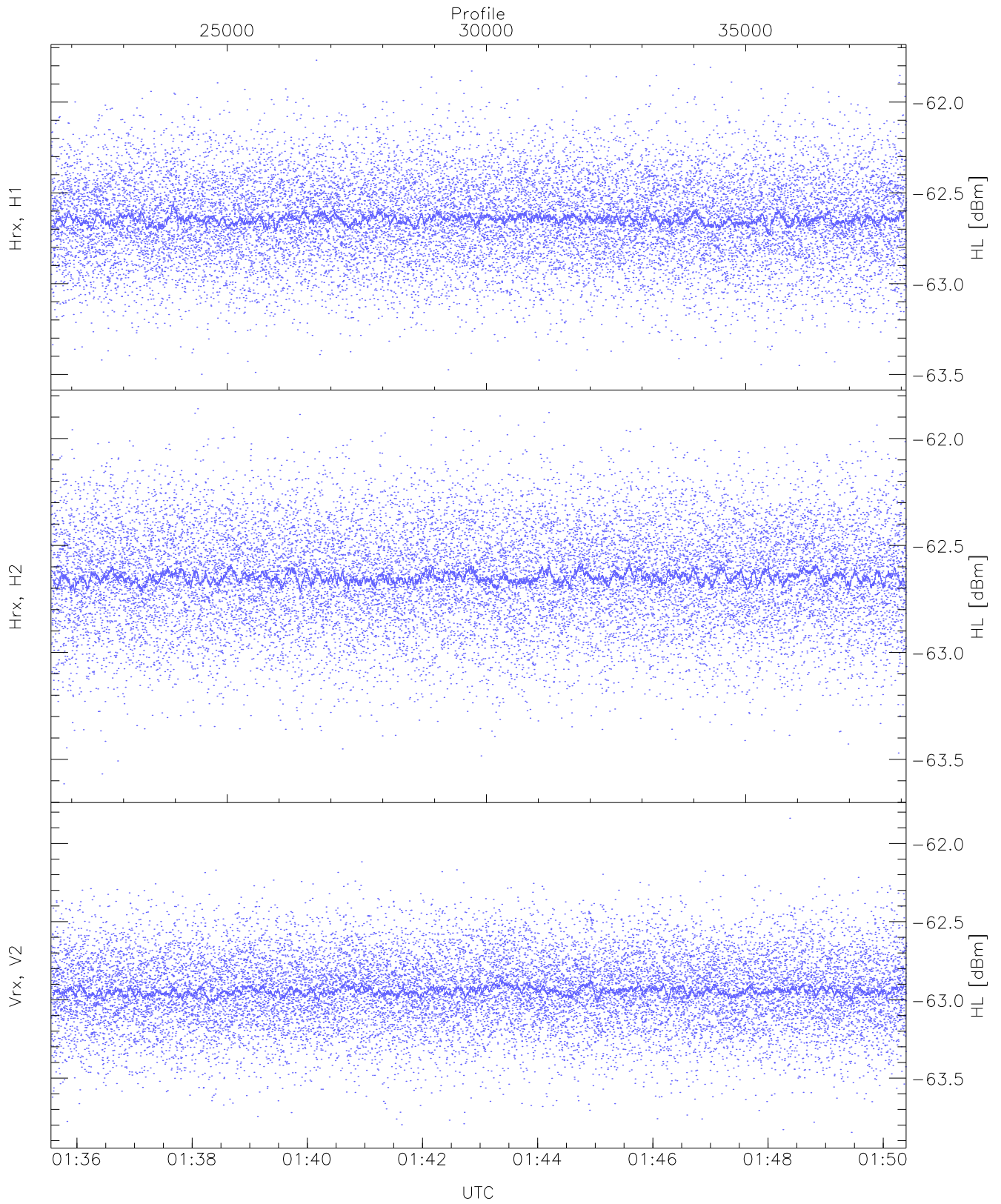
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 1461 pixs, 49 gates, 1458 profs, 2 prods



WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

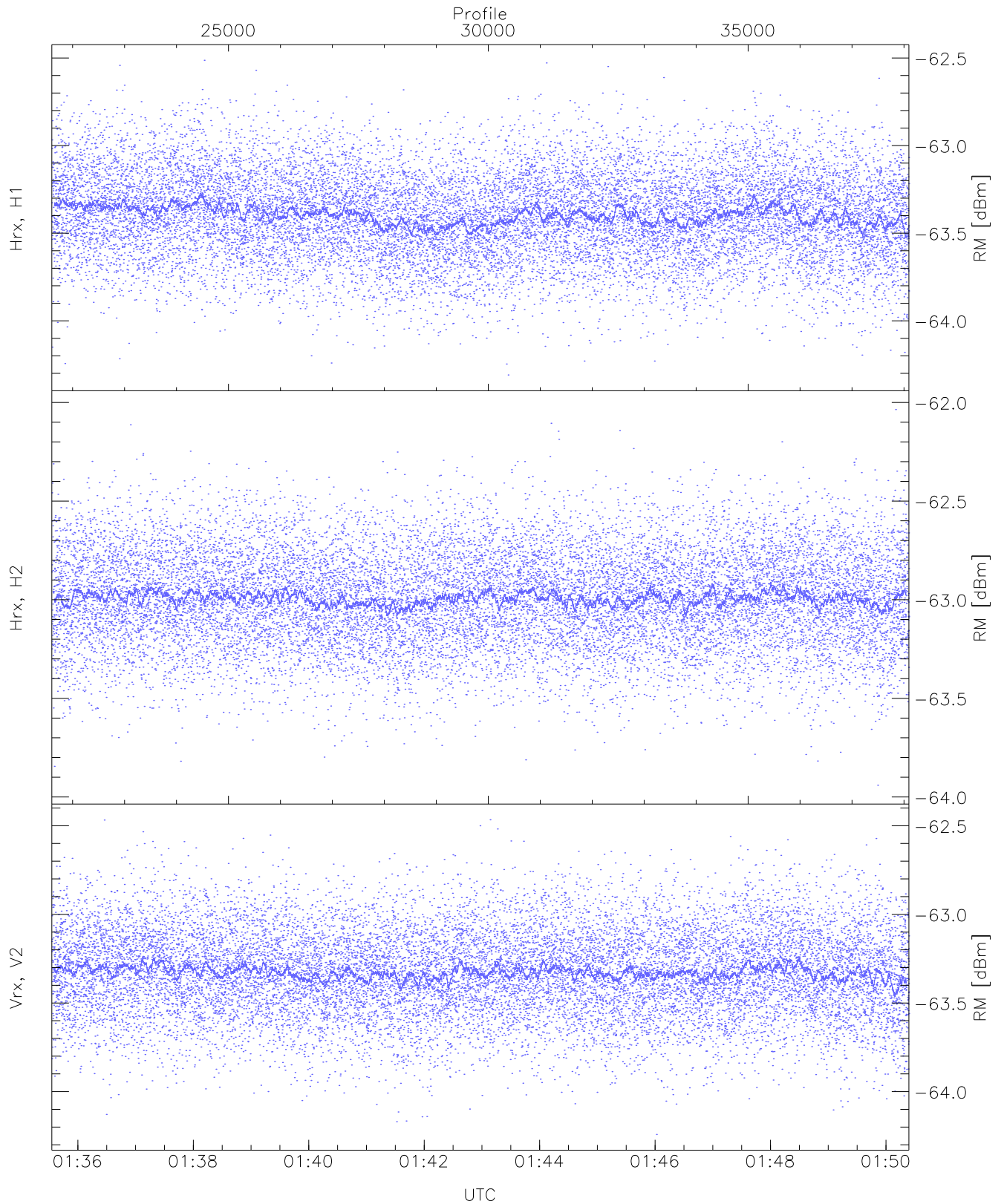
	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.78	-62.01	-62.87	-62.87	-75.56
Hrx, H2 (WL [dBm])	-63.74	-61.97	-62.87	-62.87	-75.56
Vrx, V2 (WL [dBm])	-64.10	-62.28	-63.15	-63.16	-75.87



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

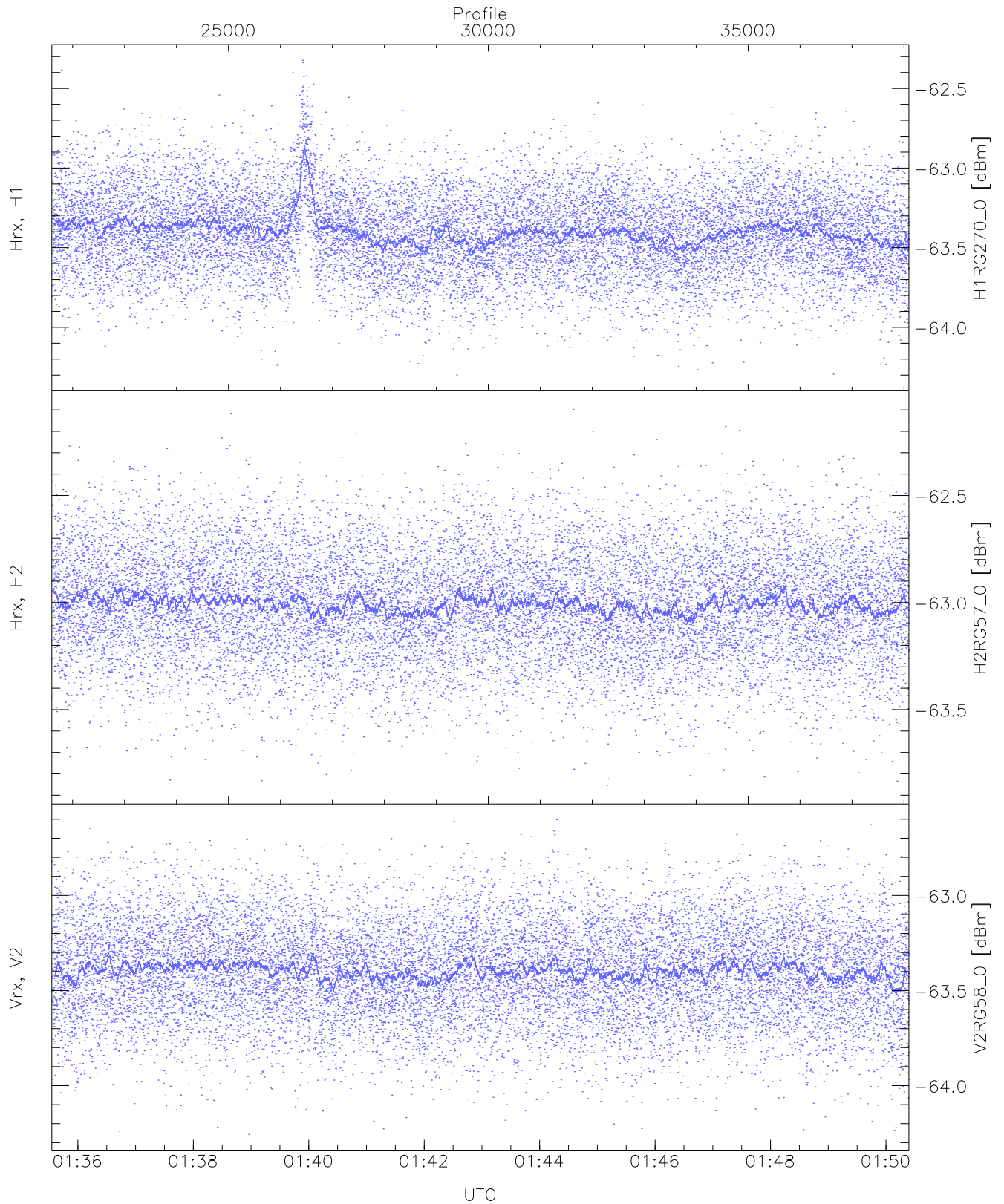
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.50	-61.77	-62.64	-62.65	-75.34
Hrx, H2 (HL [dBm])	-63.61	-61.86	-62.65	-62.65	-75.38
Vrx, V2 (HL [dBm])	-63.85	-61.84	-62.94	-62.94	-75.62





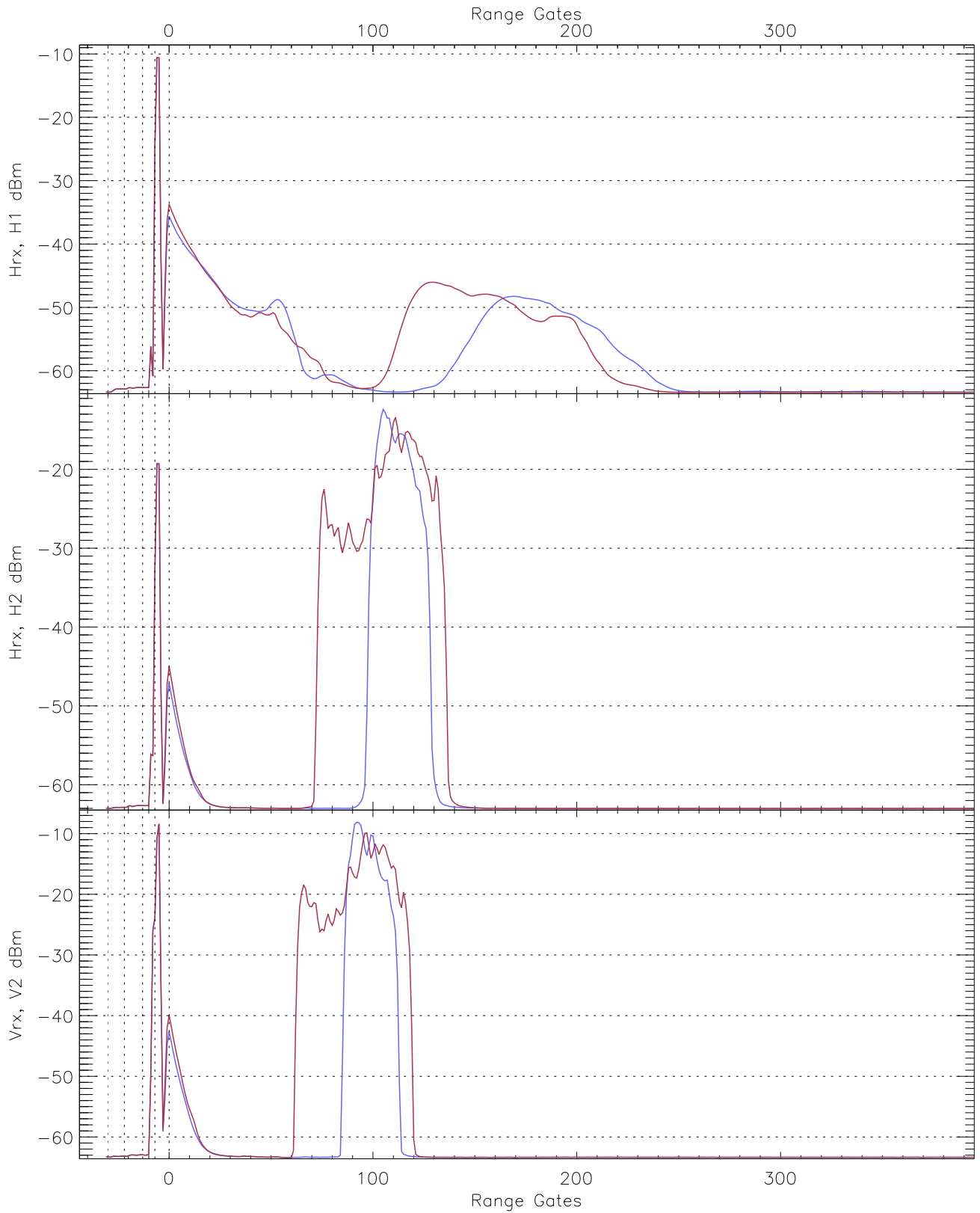
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.31	-62.51	-63.39	-63.40	-76.01
Hrx, H2 (RM [dBm])	-63.94	-62.04	-62.99	-62.99	-75.70
Vrx, V2 (RM [dBm])	-64.24	-62.47	-63.32	-63.33	-76.00



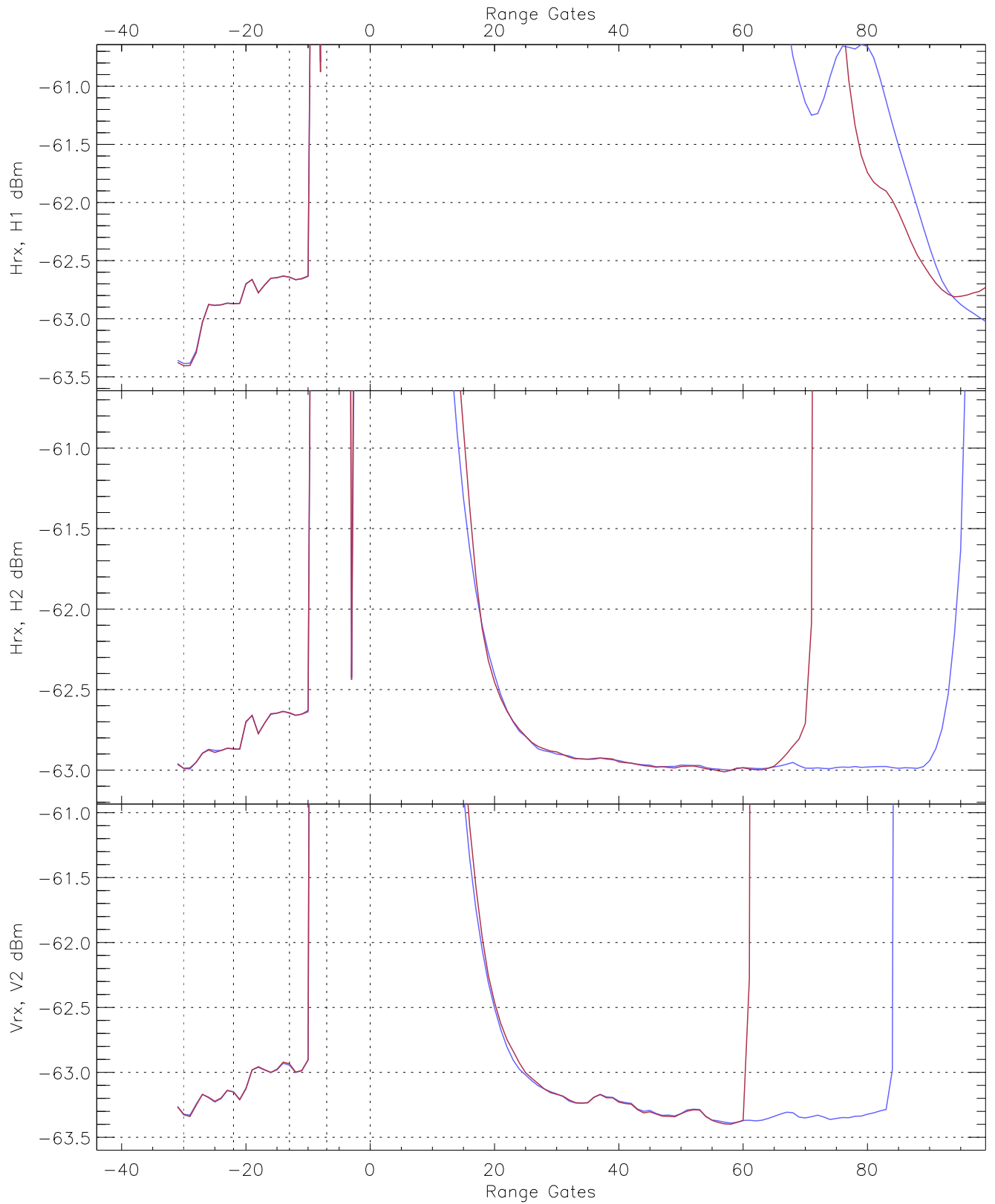
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG270_0 [dBm]	-64.30	-62.32	-63.40	-63.40	-75.88
H2RG57_0 [dBm]	-63.85	-62.10	-63.00	-63.01	-75.69
V2RG58_0 [dBm]	-64.26	-62.60	-63.39	-63.40	-76.06

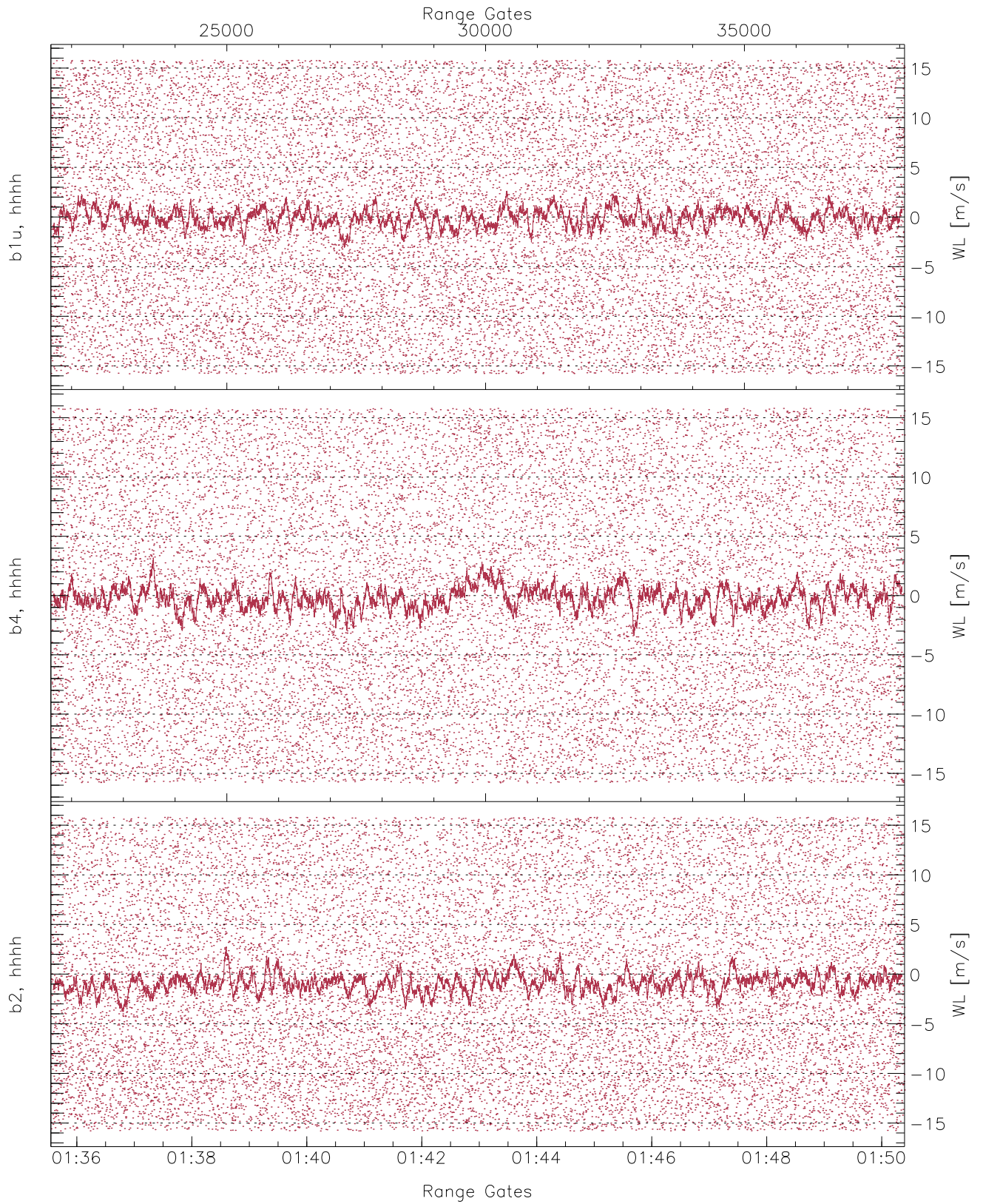


WCR2 CPP Averaged Received power for all recorded gates  
blue: 013533-014258, 8249 profiles averaged  
red: 014258-015024, 8248 profiles averaged

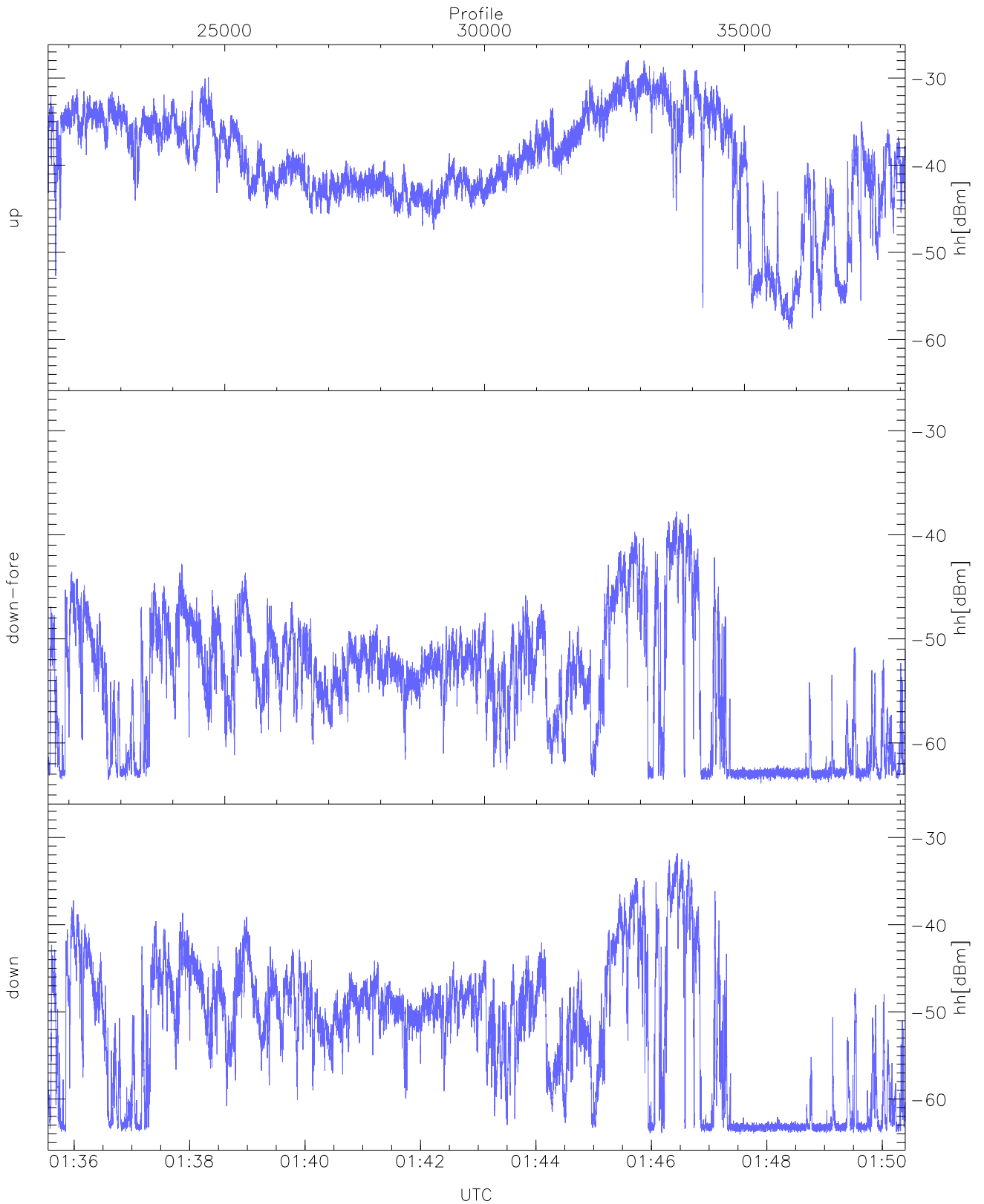




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 013533-014258, 8249 profiles averaged  
red: 014258-015024, 8248 profiles averaged

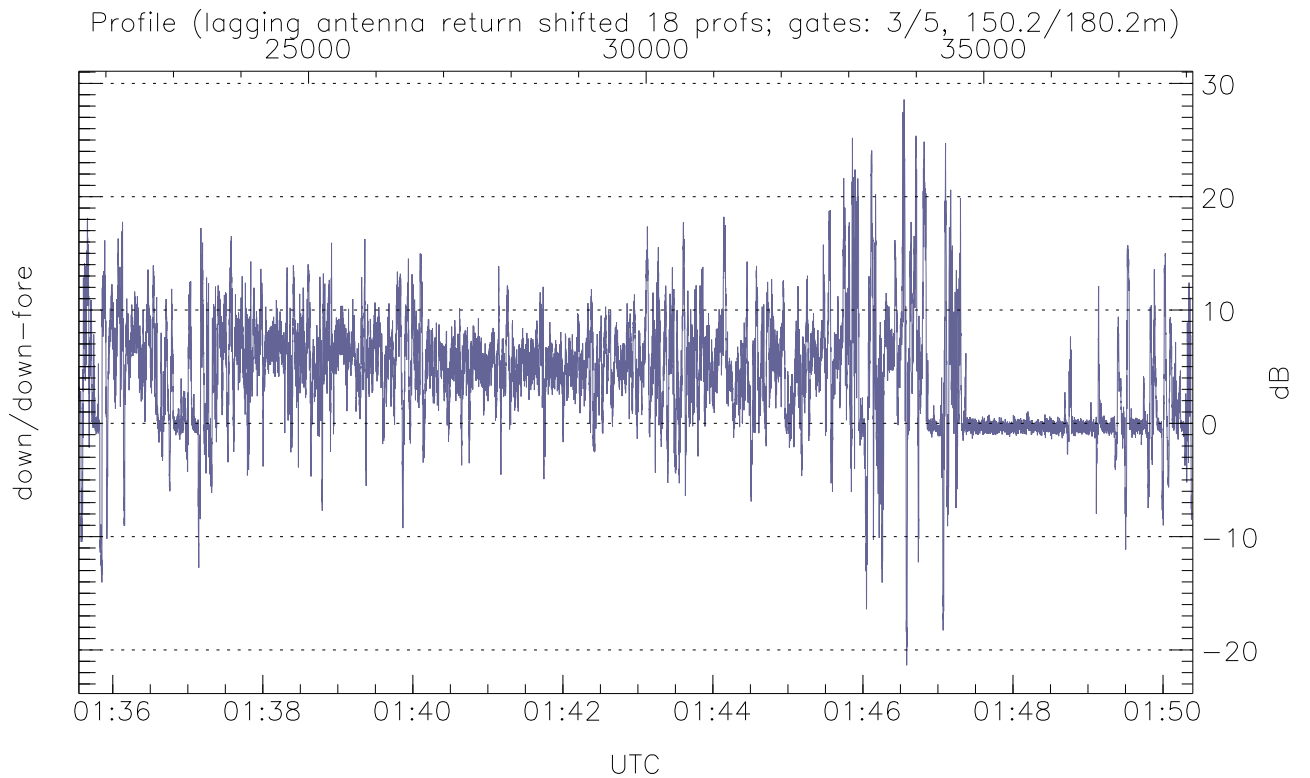
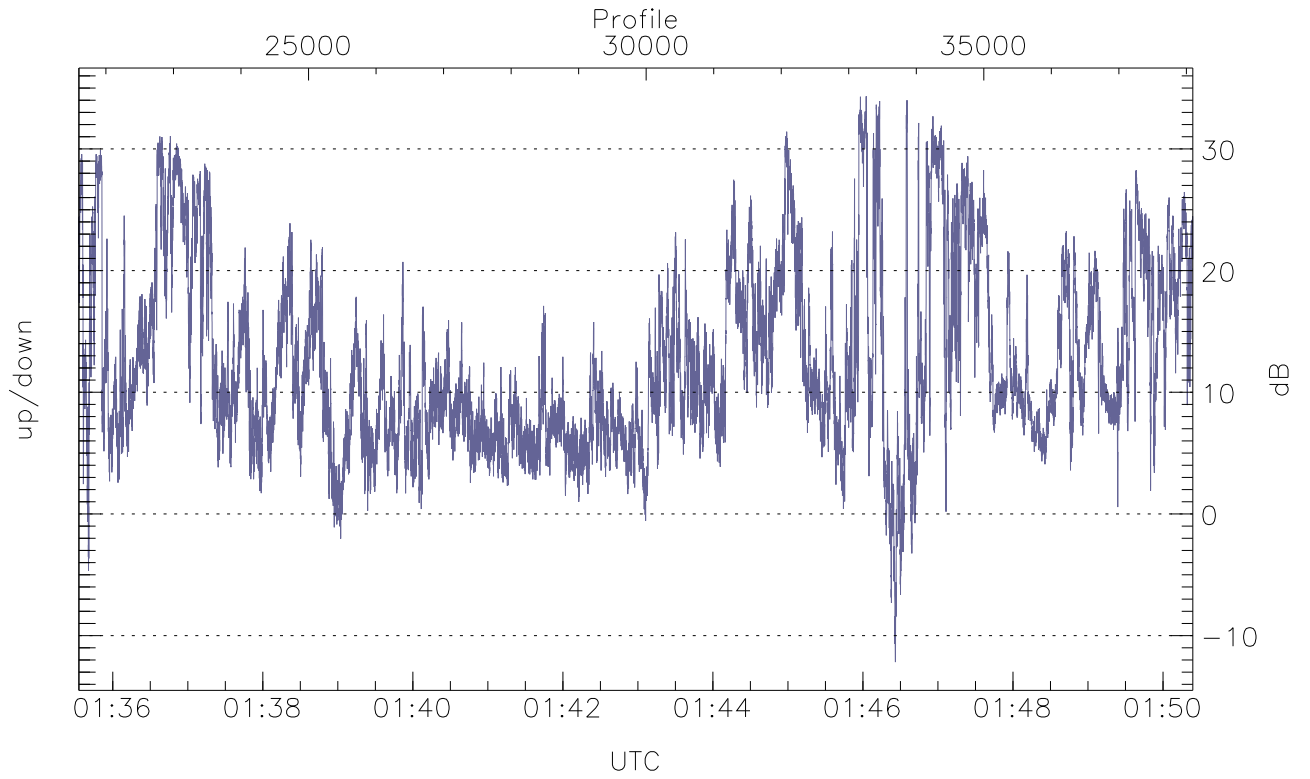


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



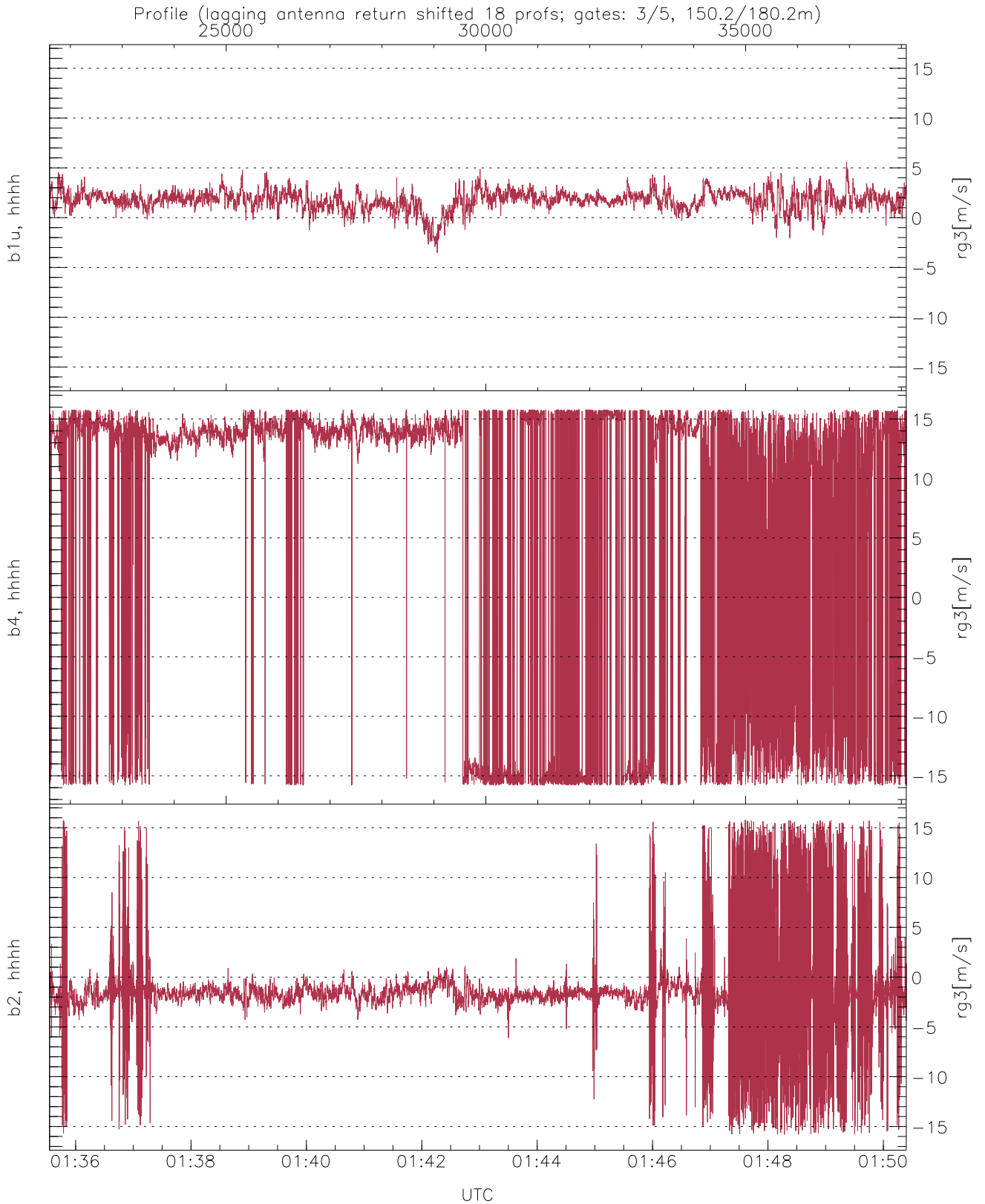
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-58.82	-27.97	-36.85
down-fore(hh[dBm])	-63.88	-37.78	-50.30
down(hh[dBm])	-64.07	-31.80	-46.29



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

	Min	Max	Mean
up/down (dB)	-12.17	34.32	12.59
down/down-fore (dB)	-21.35	28.58	4.23



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-3.51	5.62	1.73	0.97
b4, hhhh(rg3[m/s])	-15.80	15.80	6.14	12.16
b2, hhhh(rg3[m/s])	-15.80	15.78	-1.40	3.92