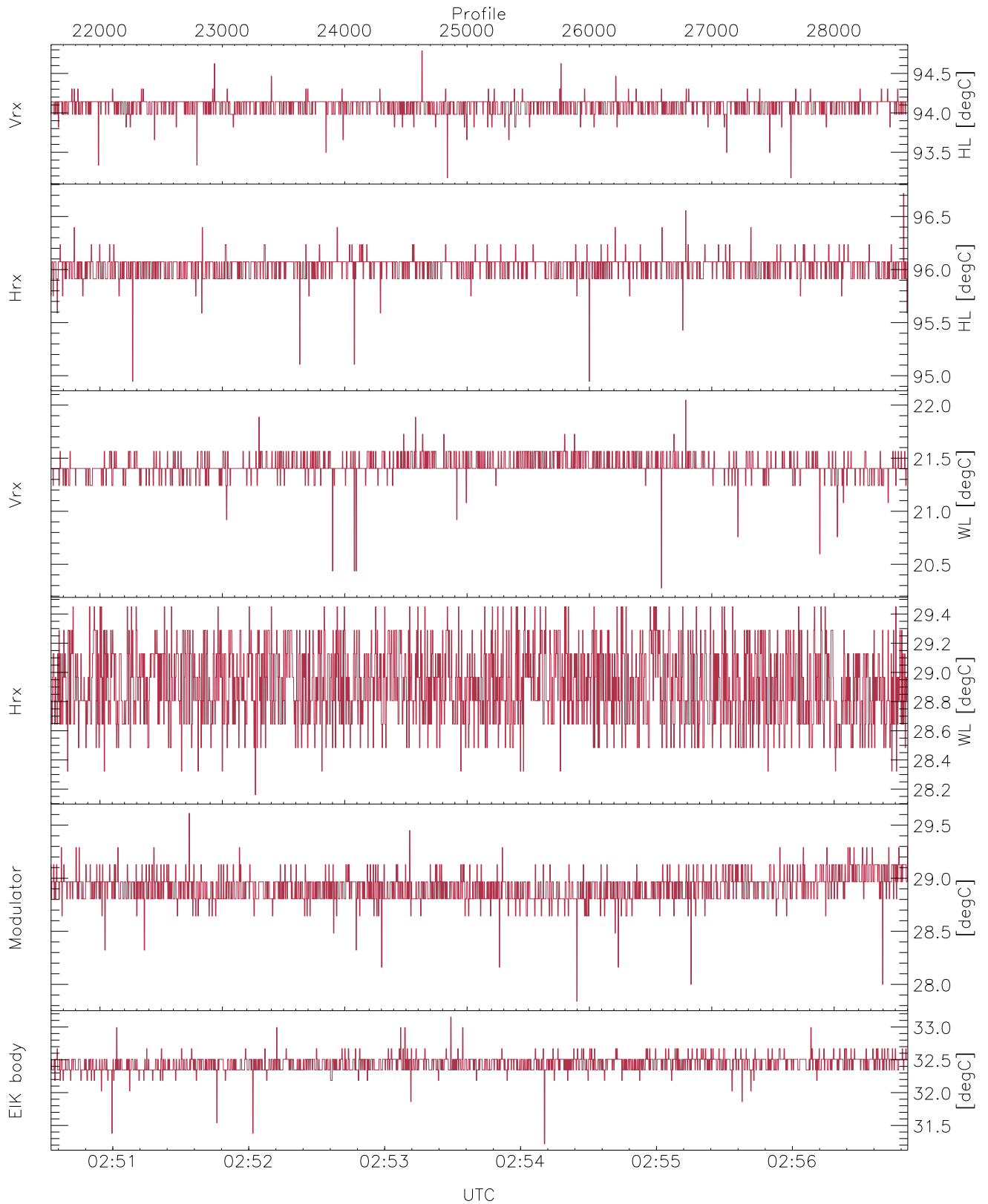


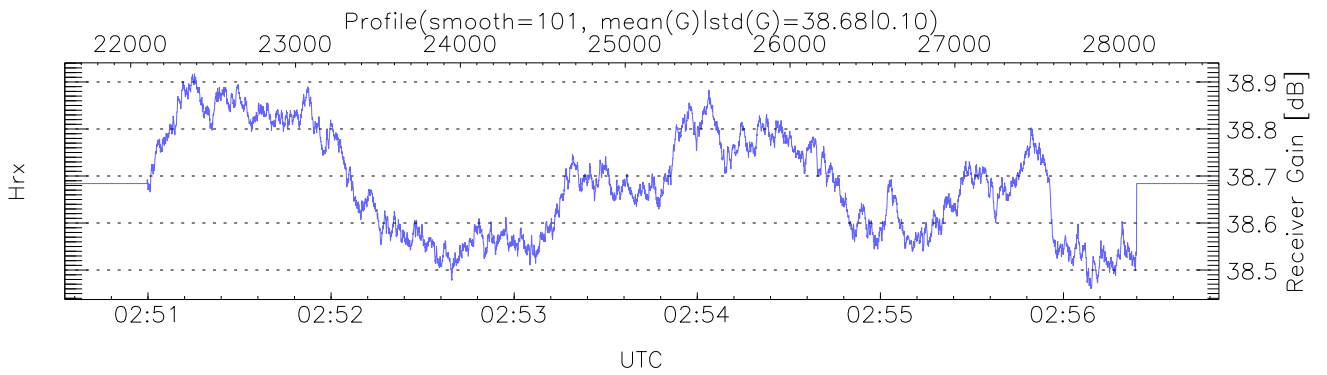
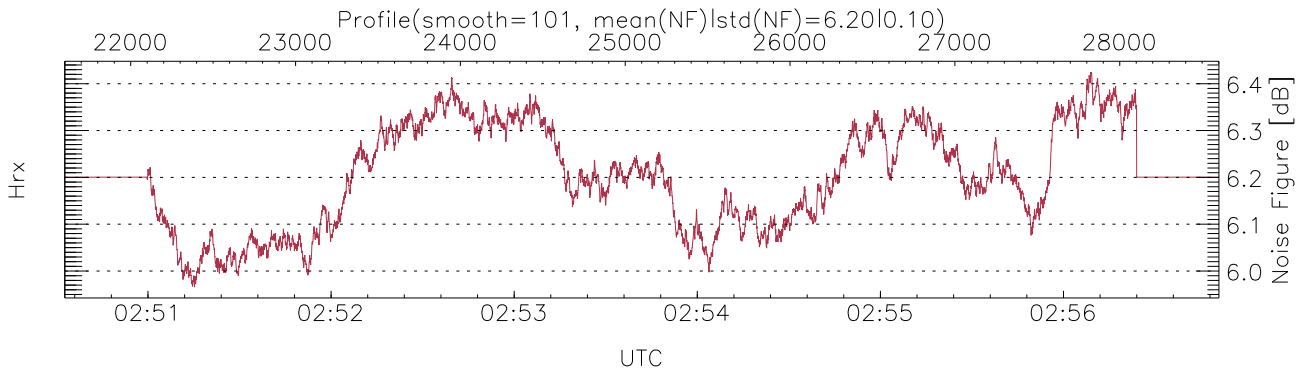
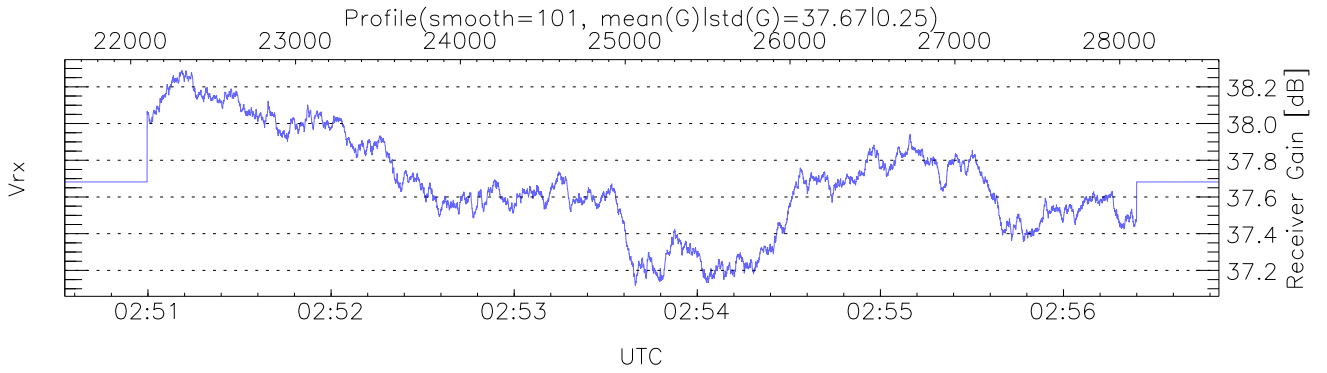
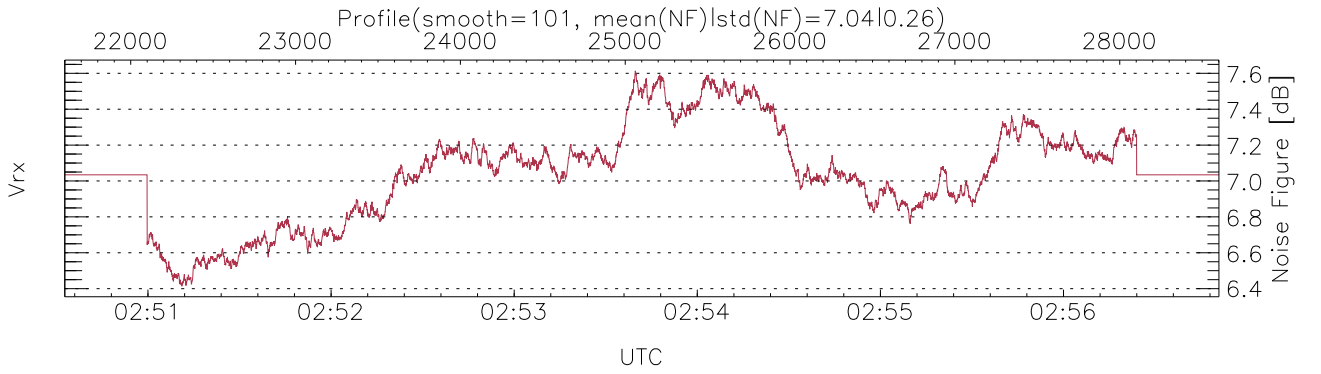
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 02:31:06-02:56:51, Dur: 1544.89s
 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): 7003/28603, 21600-28602/02:50:33-02:56:51
 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



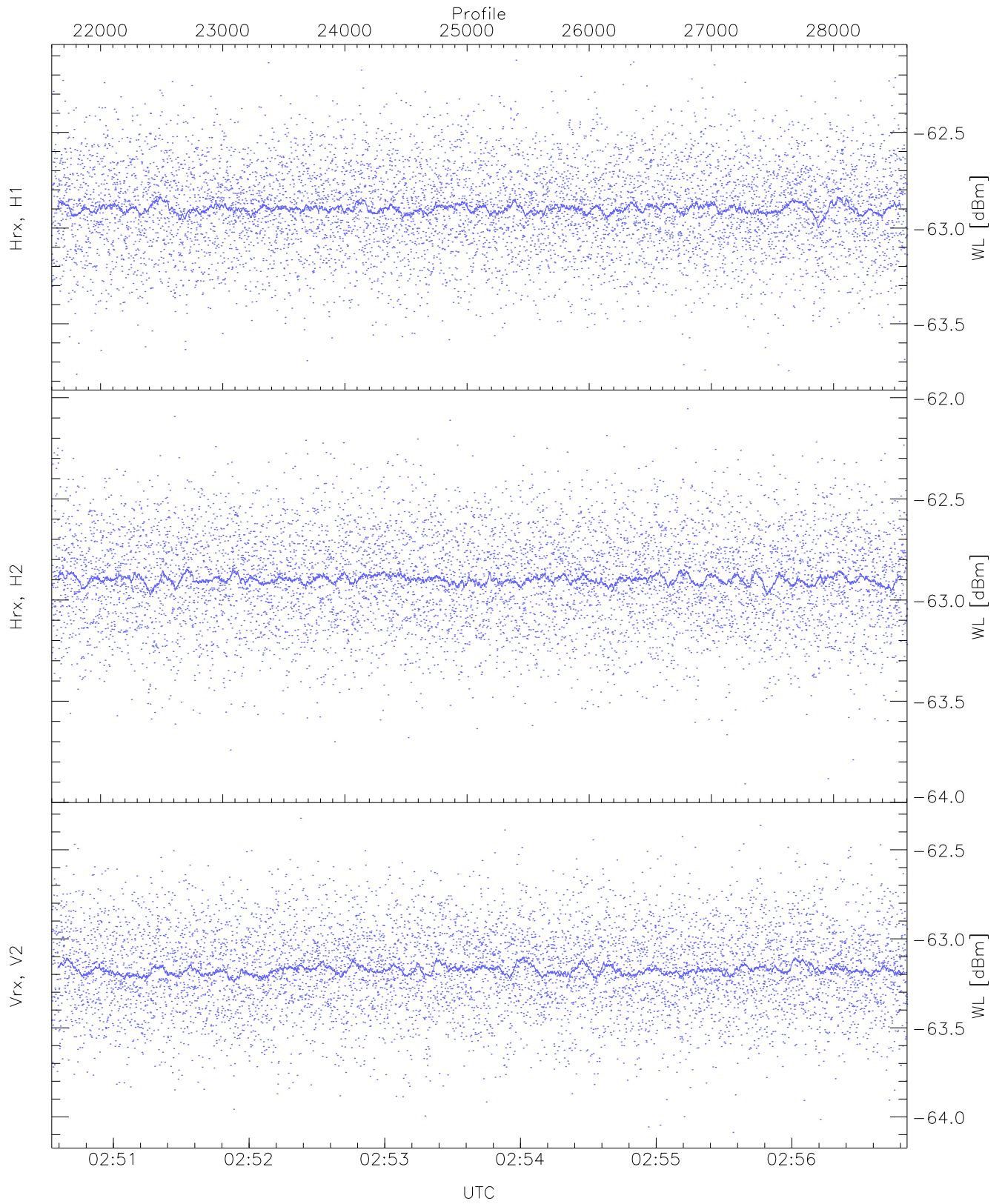
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,28,27,31
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,29,33
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,10)



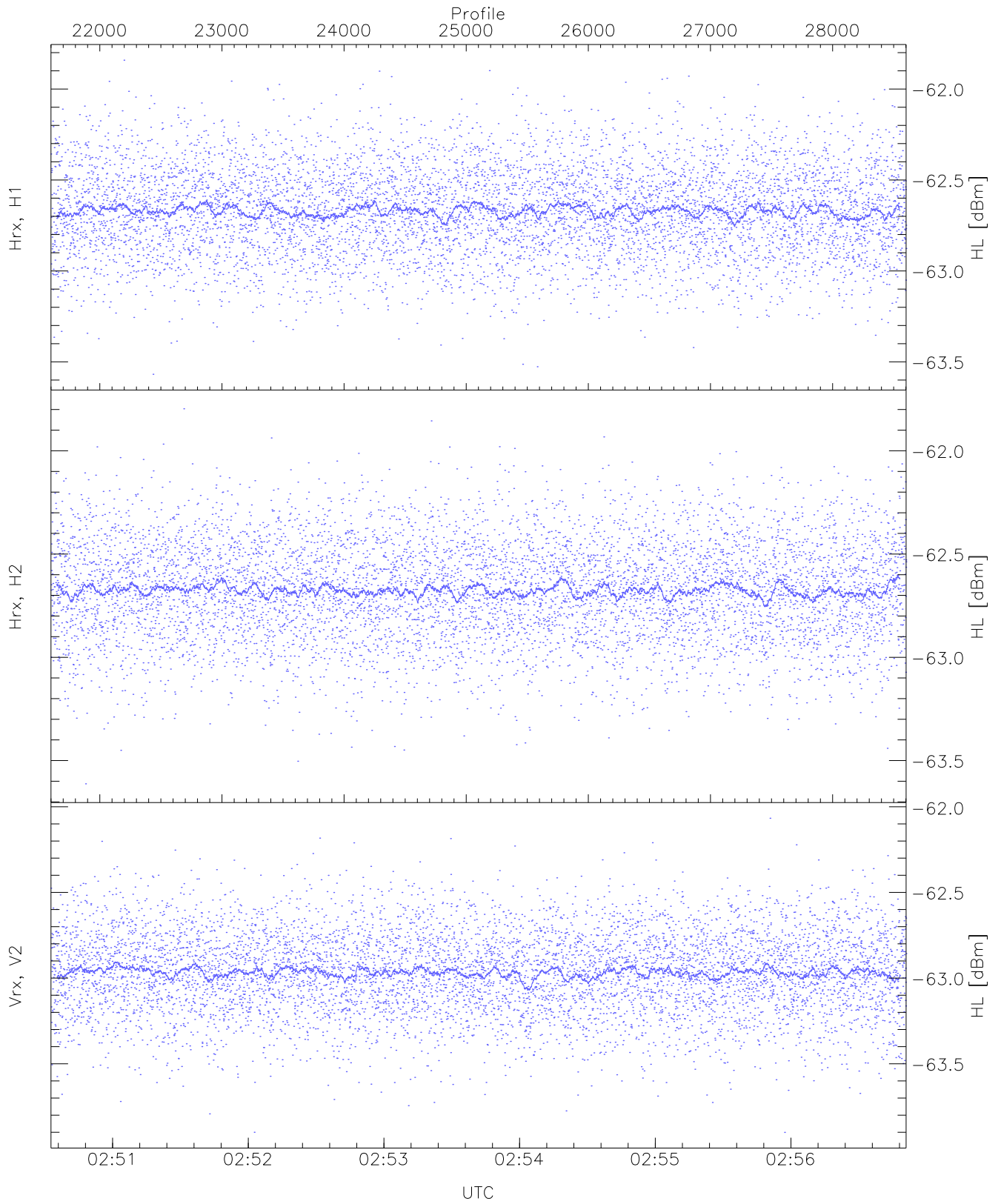
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 4 pixs, 2 gates, 4 profs, 1 prods



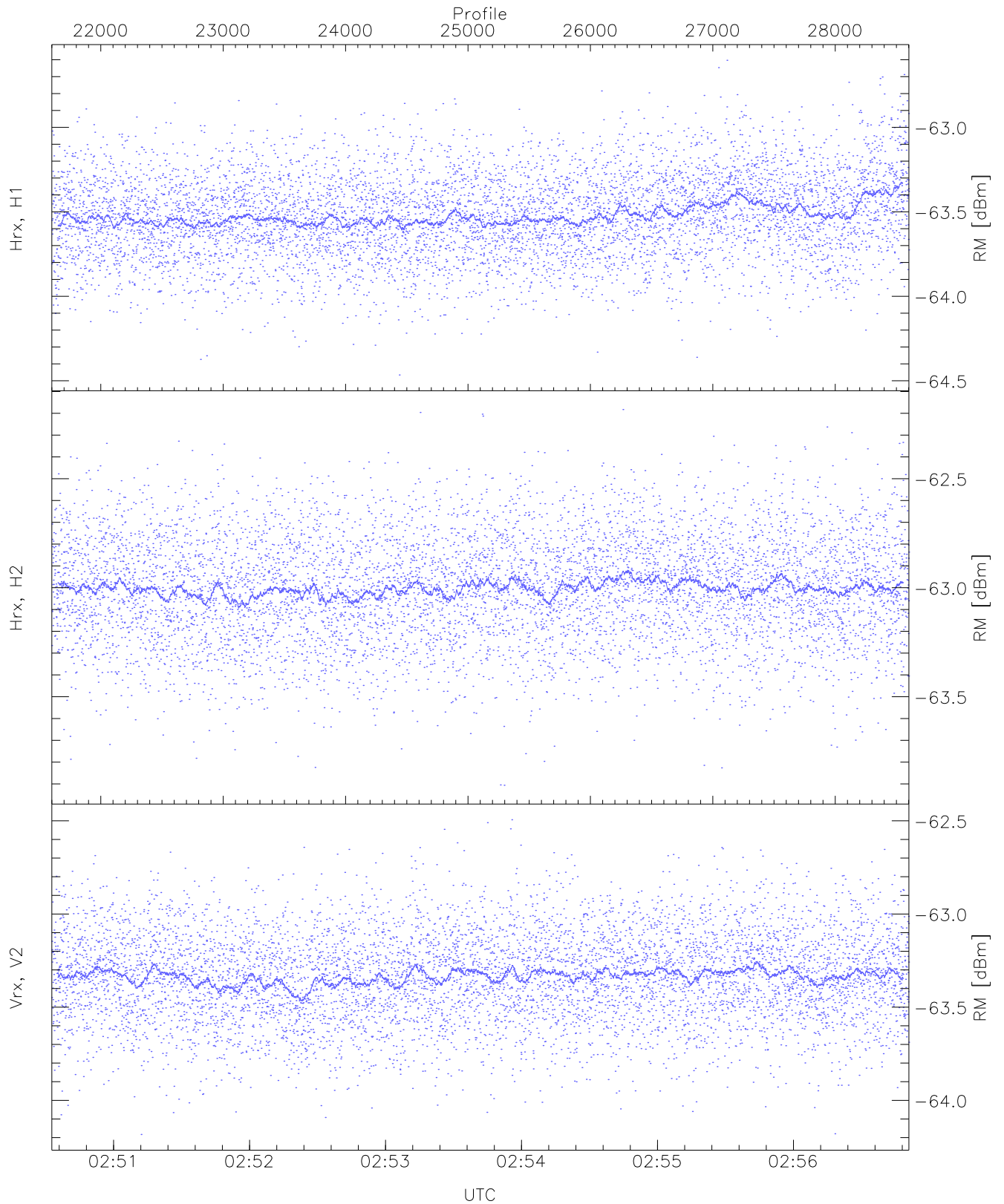
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.76	-62.12	-62.89	-62.90	-75.59
Hrx, H2 (WL [dBm])	-63.91	-62.05	-62.89	-62.90	-75.56
Vrx, V2 (WL [dBm])	-64.09	-62.32	-63.17	-63.18	-75.80



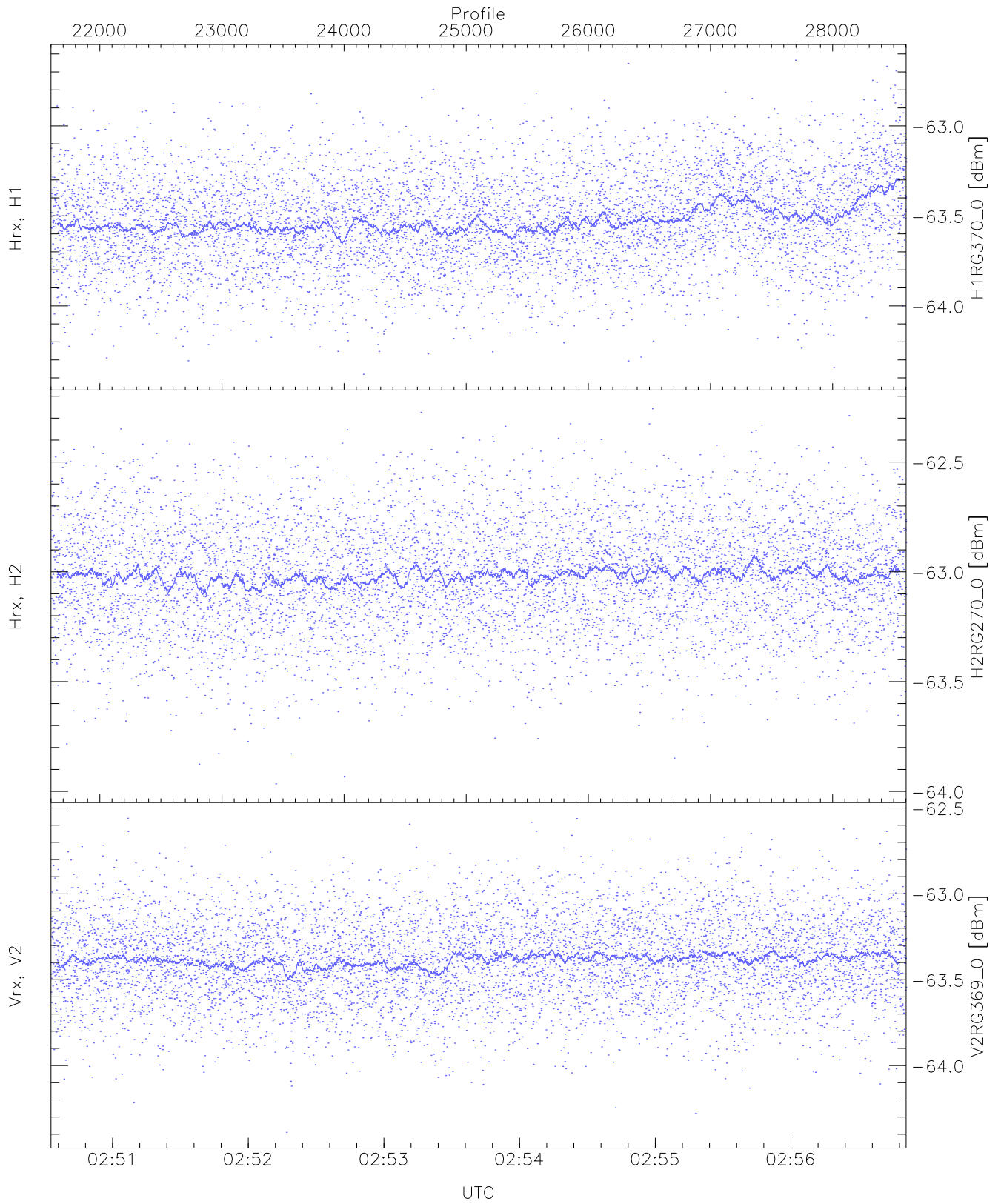
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.57	-61.84	-62.67	-62.67	-75.35
Hrx, H2 (HL [dBm])	-63.61	-61.80	-62.67	-62.67	-75.39
Vrx, V2 (HL [dBm])	-63.90	-62.07	-62.96	-62.96	-75.69



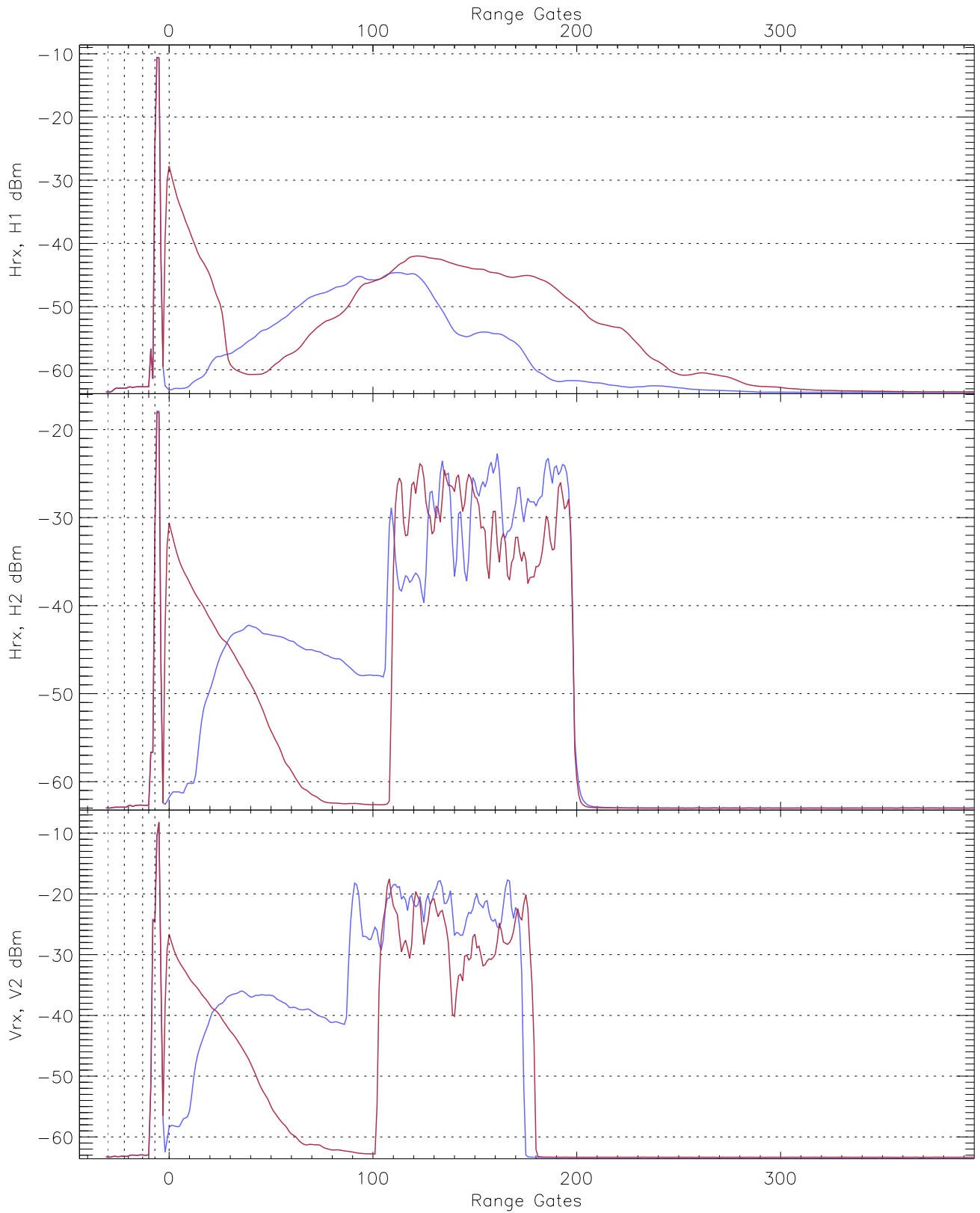
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.47	-62.60	-63.52	-63.52	-76.10
Hrx, H2 (RM [dBm])	-63.91	-62.18	-63.00	-63.00	-75.71
Vrx, V2 (RM [dBm])	-64.18	-62.49	-63.33	-63.33	-76.03

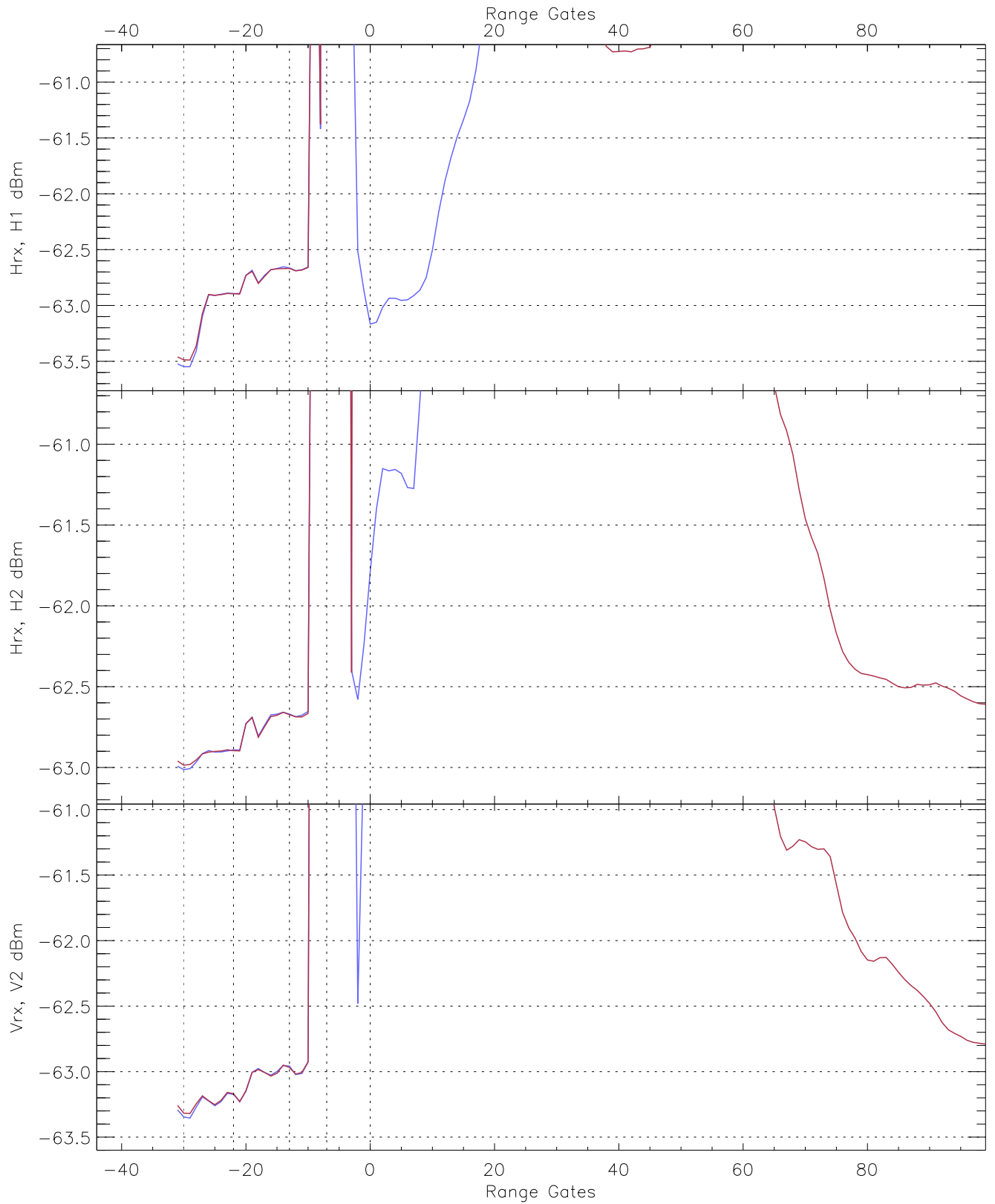


WCR2 CPP "Best" estimate Receivers Noise Power

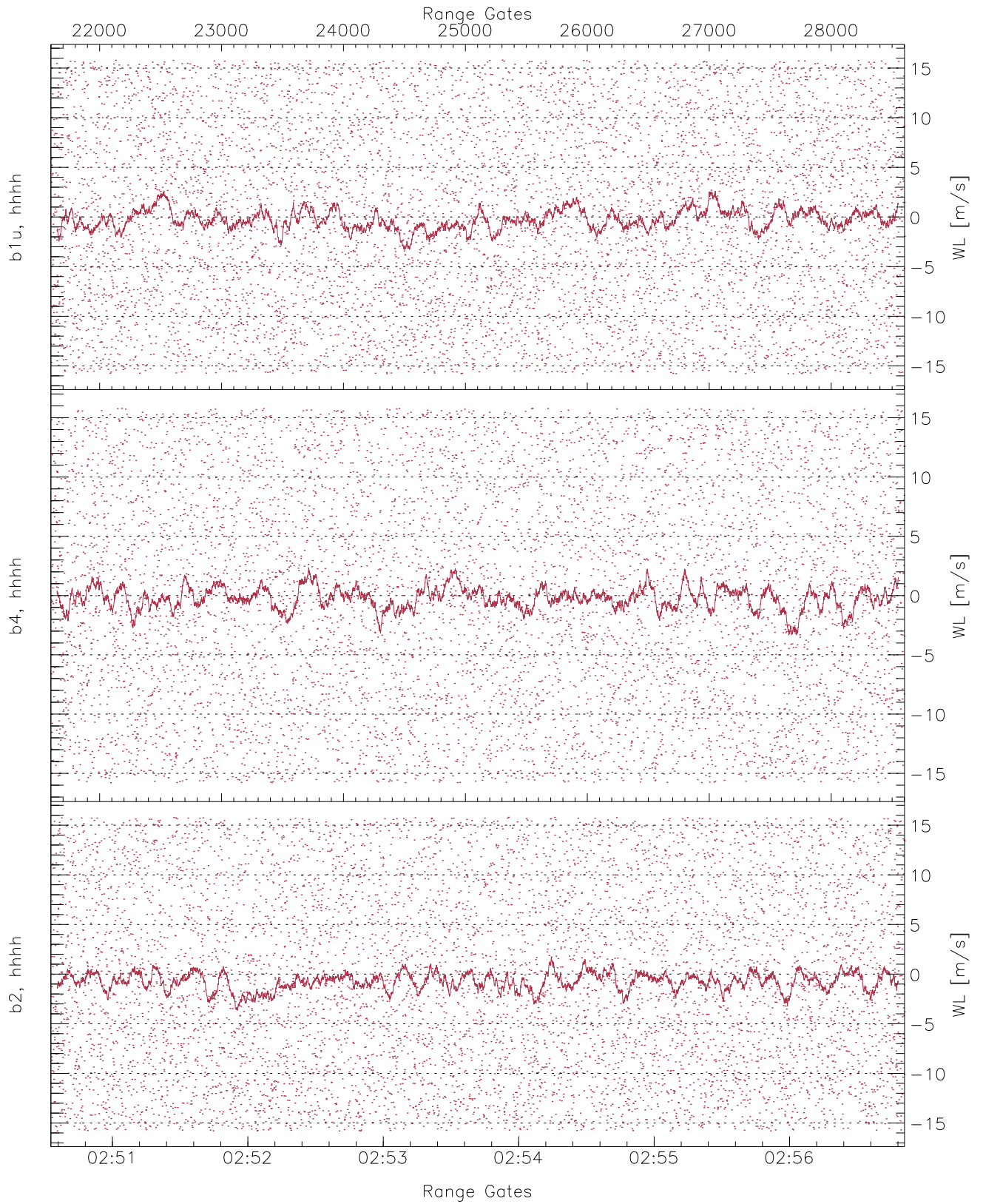
	Min	Max	Mean	Median	StDev
H1RG370_0 [dBm]	-64.38	-62.64	-63.52	-63.53	-76.02
H2RG270_0 [dBm]	-63.97	-62.26	-63.01	-63.01	-75.73
V2RG369_0 [dBm]	-64.39	-62.56	-63.38	-63.39	-76.02



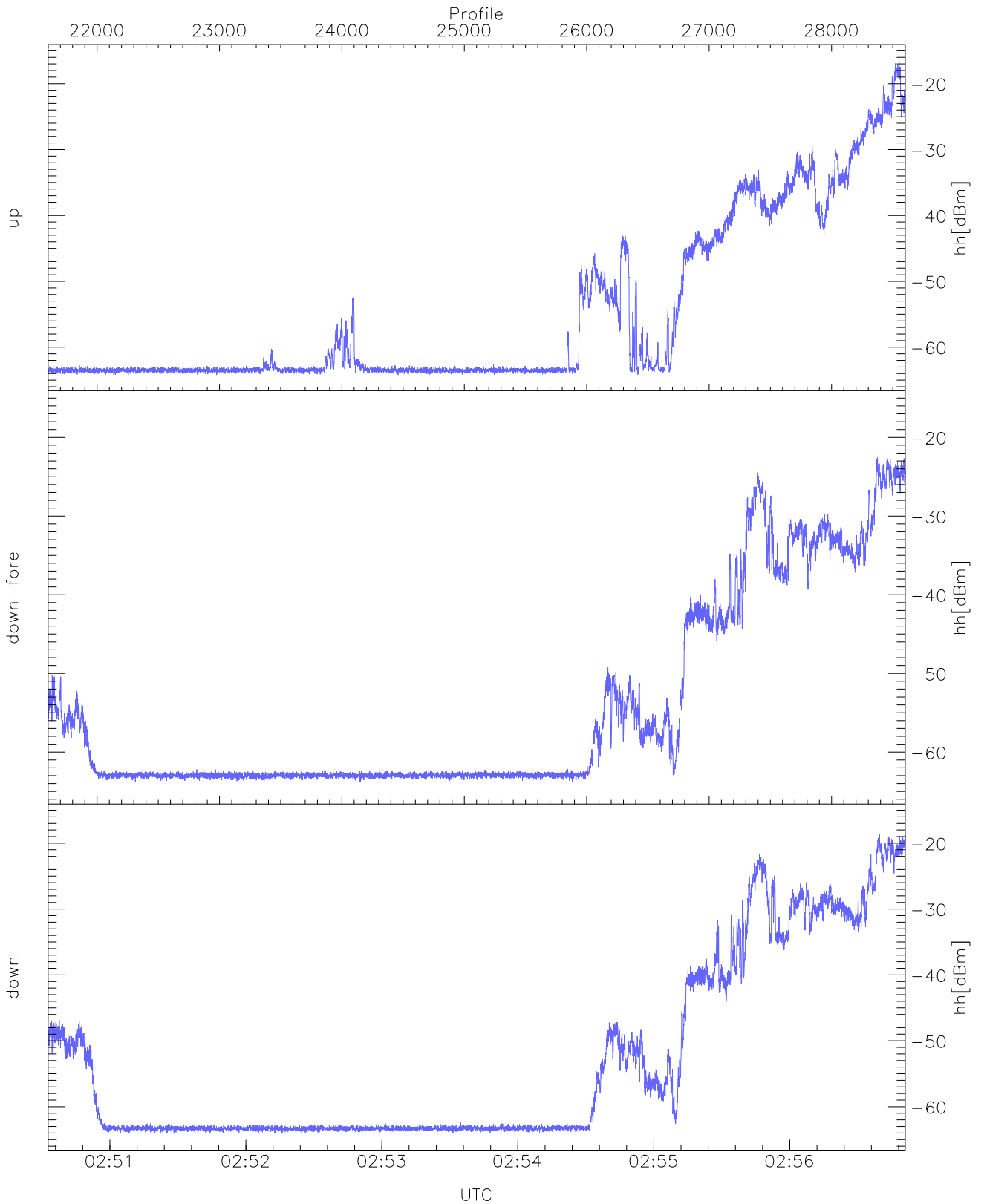
WCR2 CPP Averaged Received power for all recorded gates
blue: 025033-025342, 3502 profiles averaged
red: 025342-025651, 3502 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 025033-025342, 3502 profiles averaged
red: 025342-025651, 3502 profiles averaged

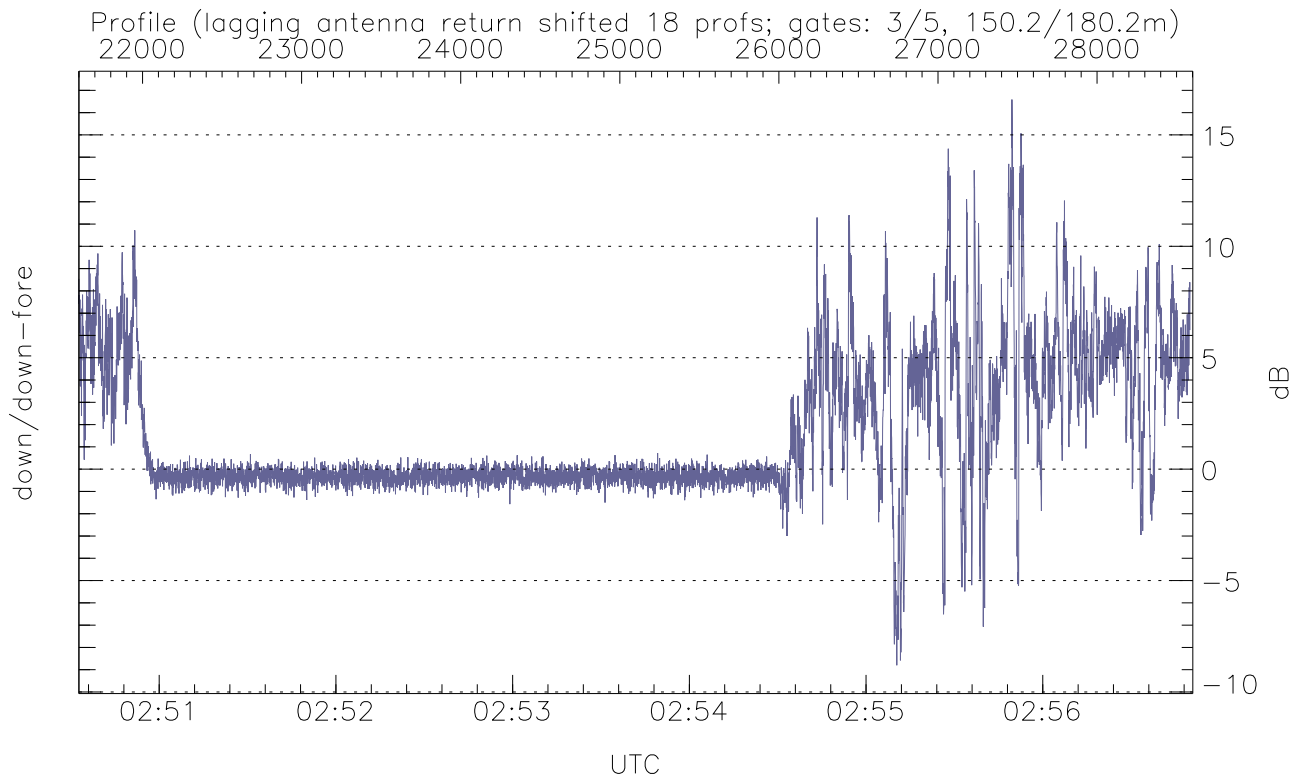
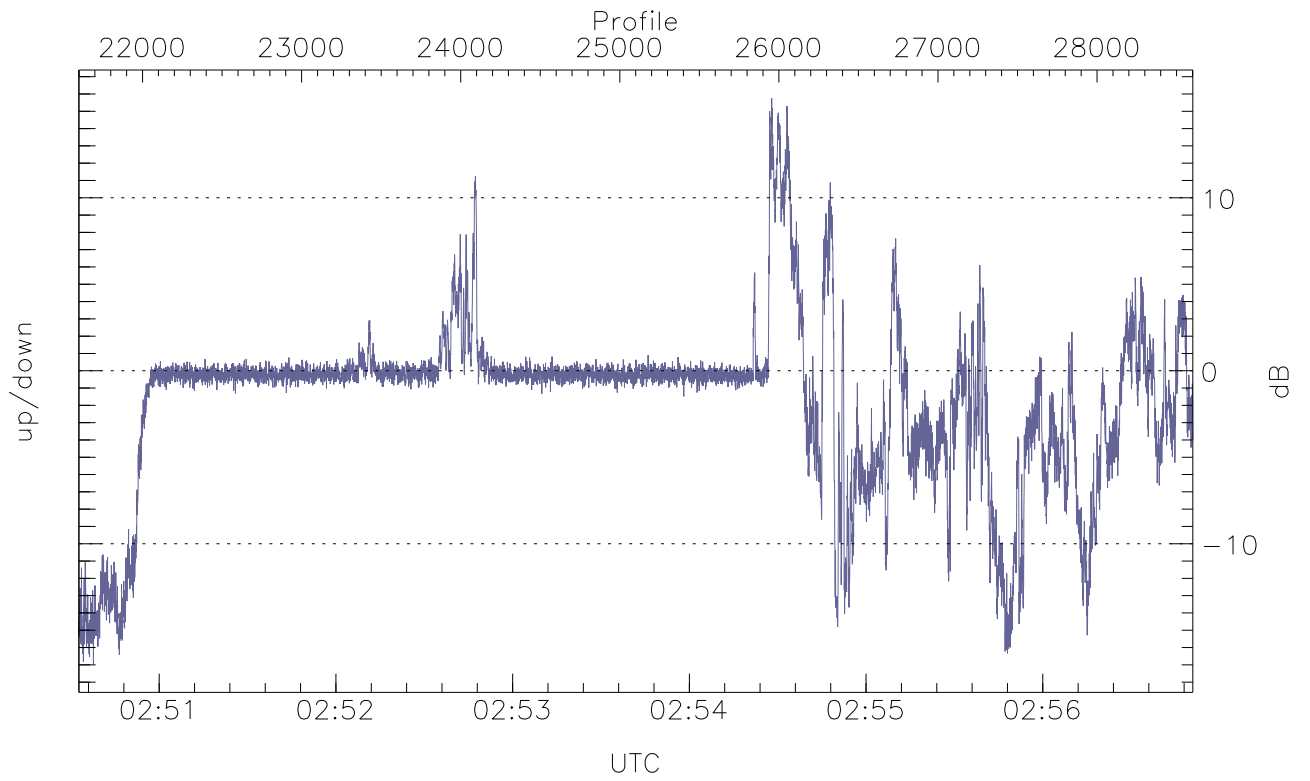


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



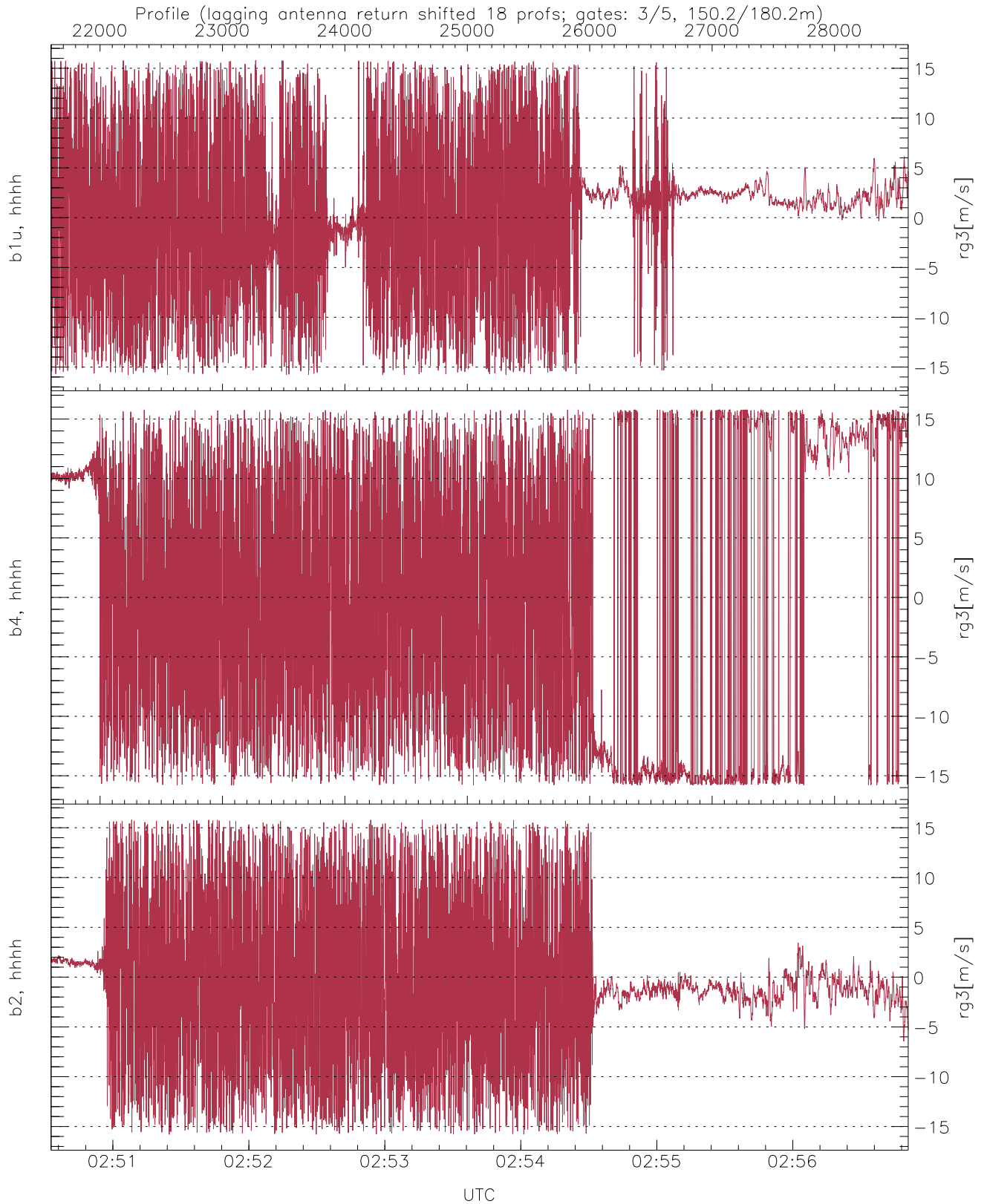
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.22	-16.45	-34.61
down-fore(hh[dBm])	-63.77	-22.49	-36.36
down(hh[dBm])	-64.03	-18.55	-32.82



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

	Min	Max	Mean
up/down (dB)	-16.96	15.75	-1.76
down/down-fore (dB)	-8.80	16.59	1.57



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	0.57	6.86
b4, hhhh(rg3[m/s])	-15.80	15.80	0.07	11.51
b2, hhhh(rg3[m/s])	-15.80	15.79	-0.80	6.75