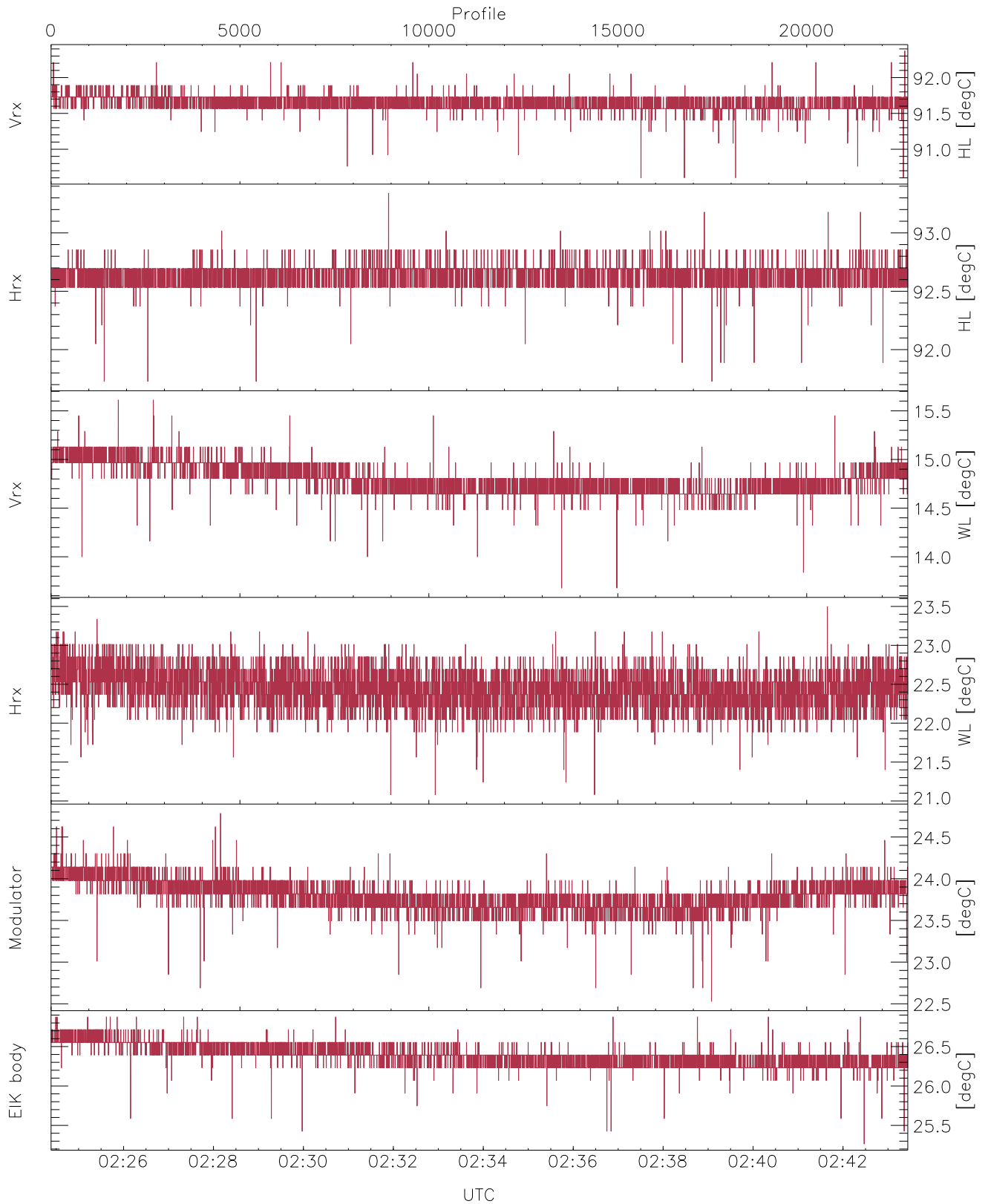


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

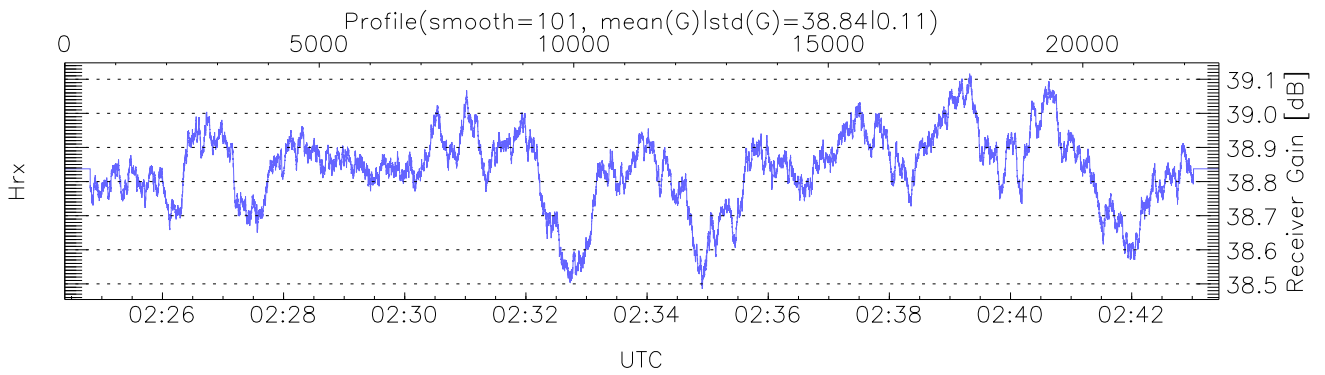
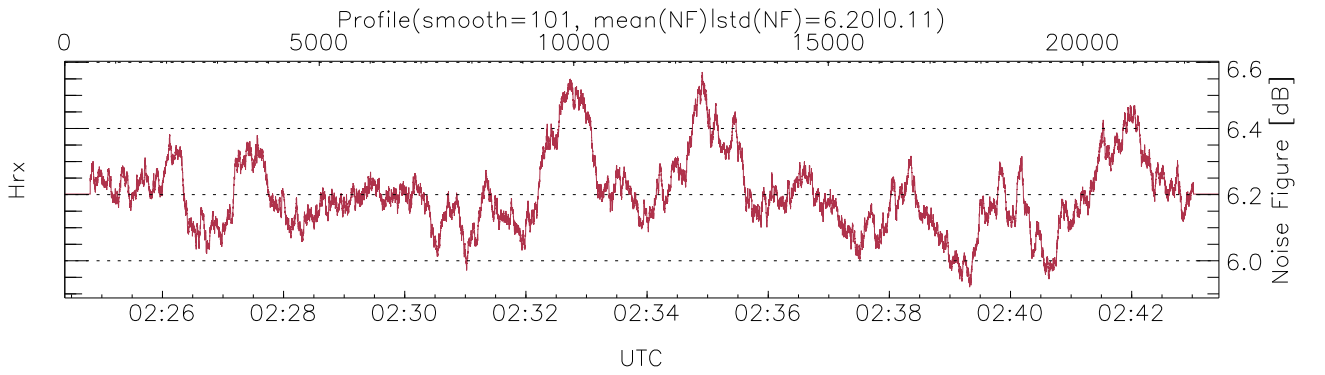
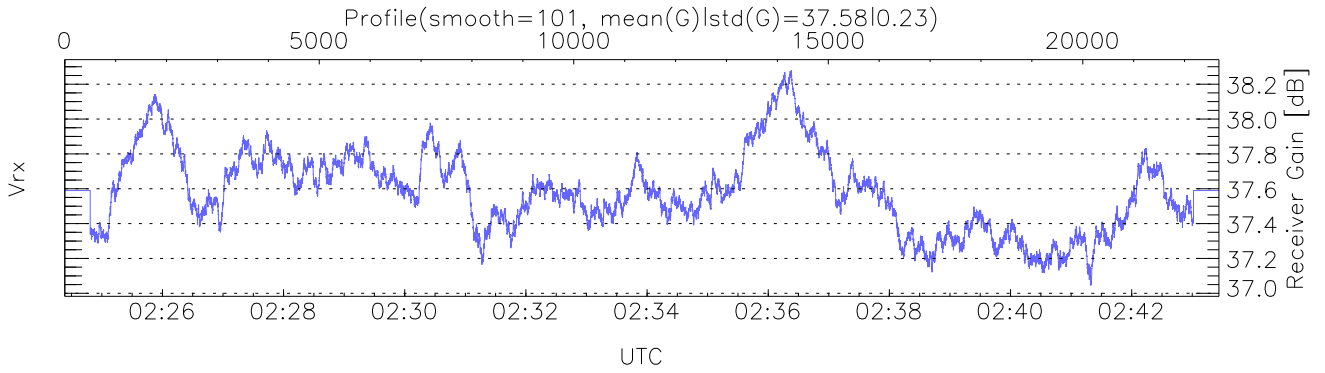
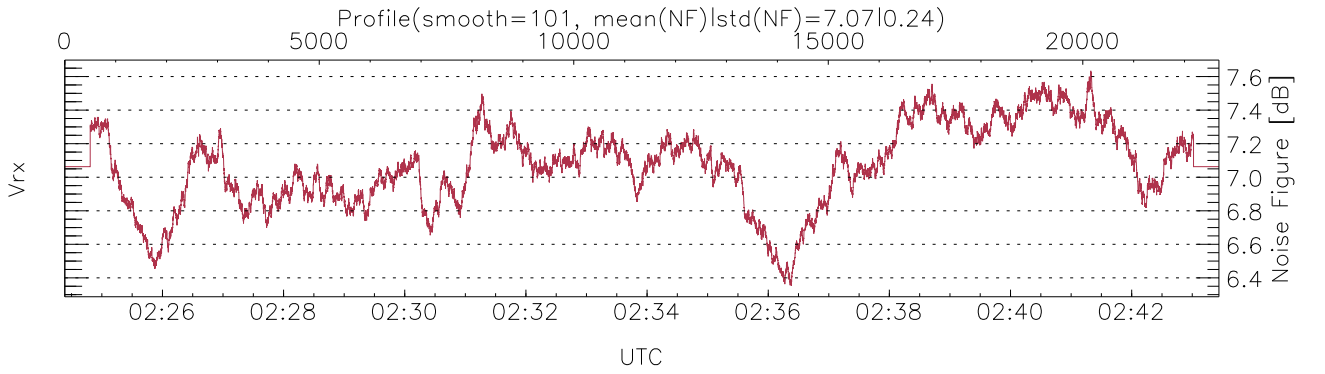
UTC: 02:24:23-02:43:26, Dur: 1143.16s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22677/22677, 0-22676/02:24:23-02:43:26
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

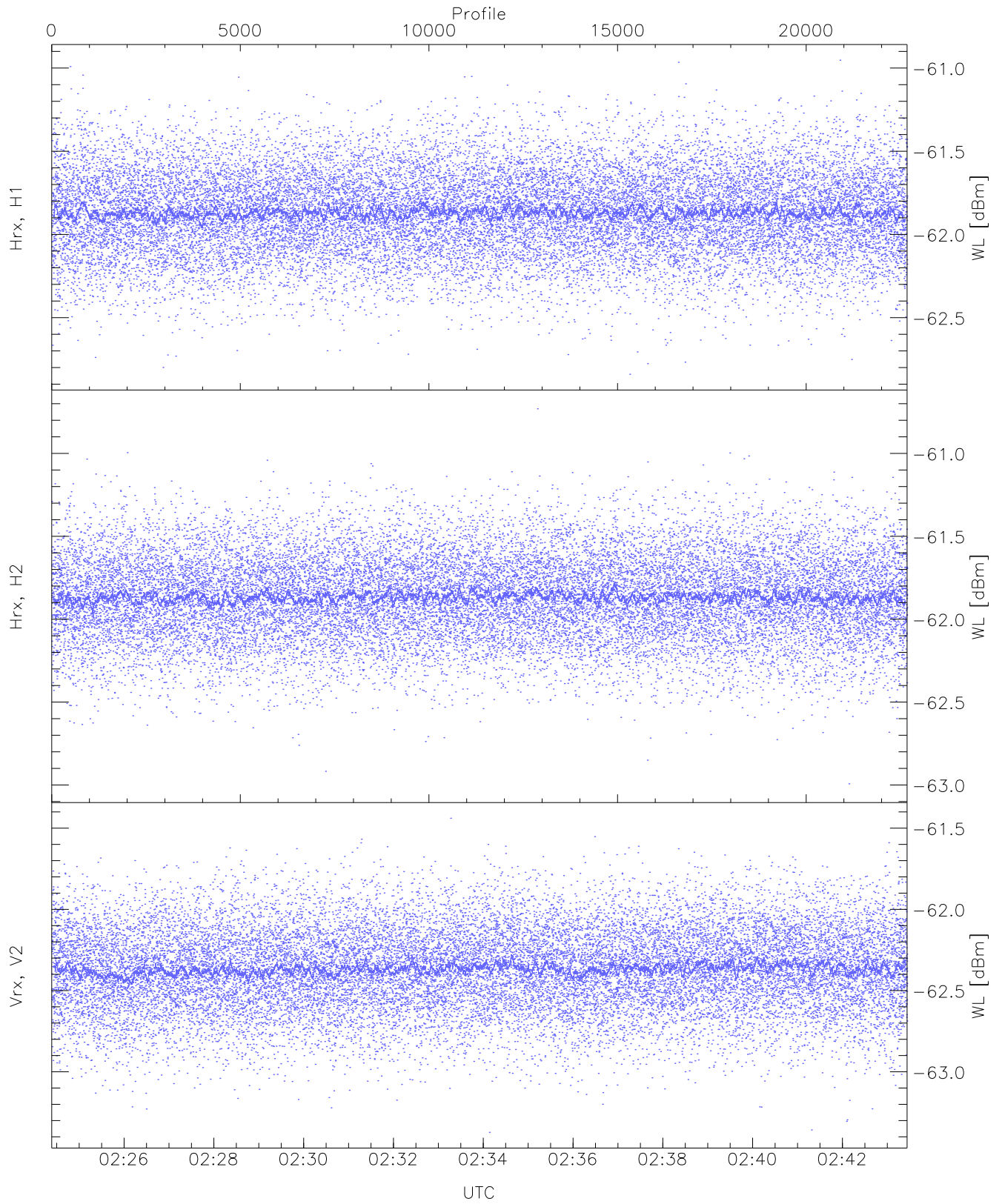
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,21,22,25
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,15,23,24,26
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (15,15,20,20,20,23)



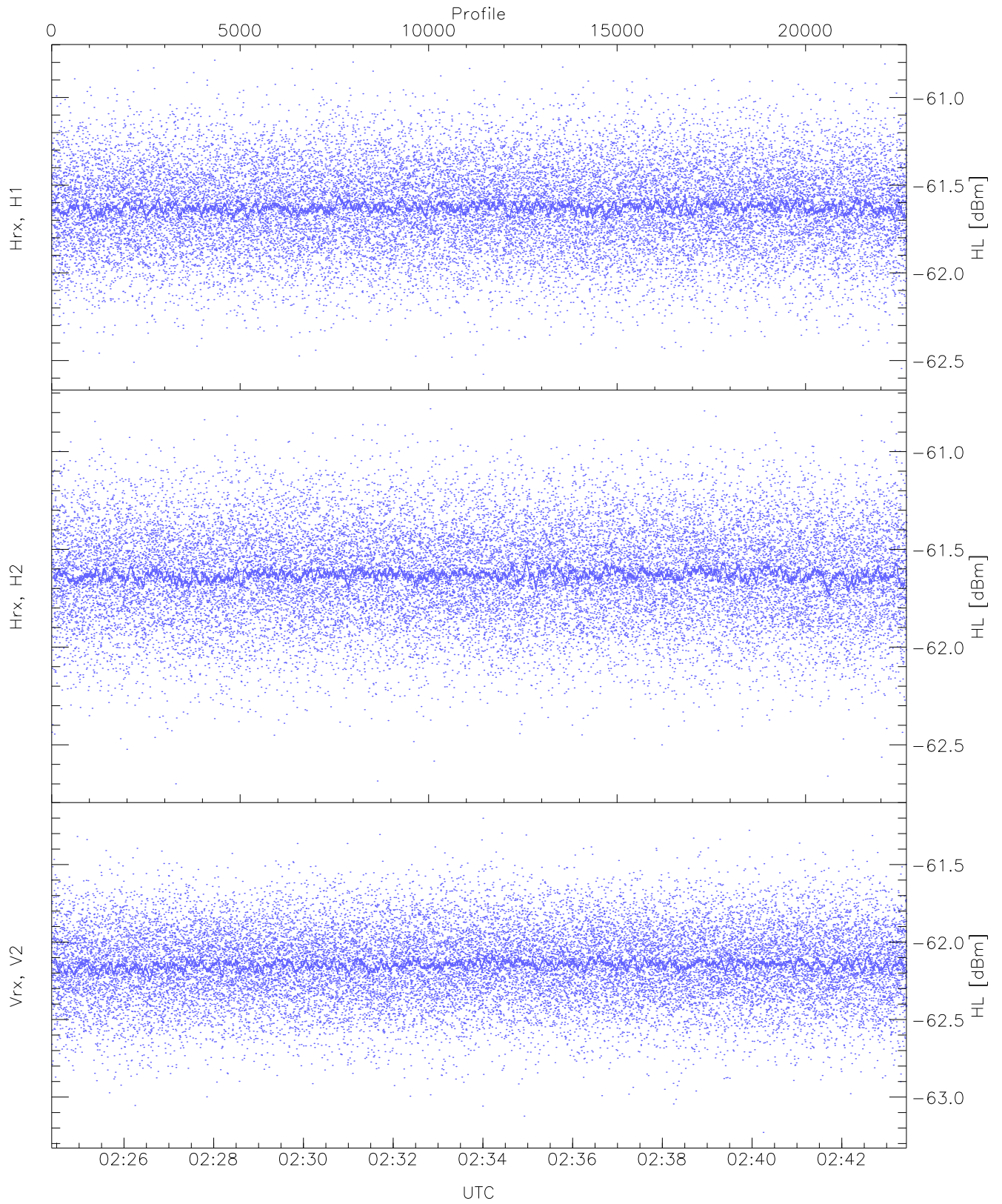
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 5710 pixs, 73 gates, 5581 profs, 2 prods



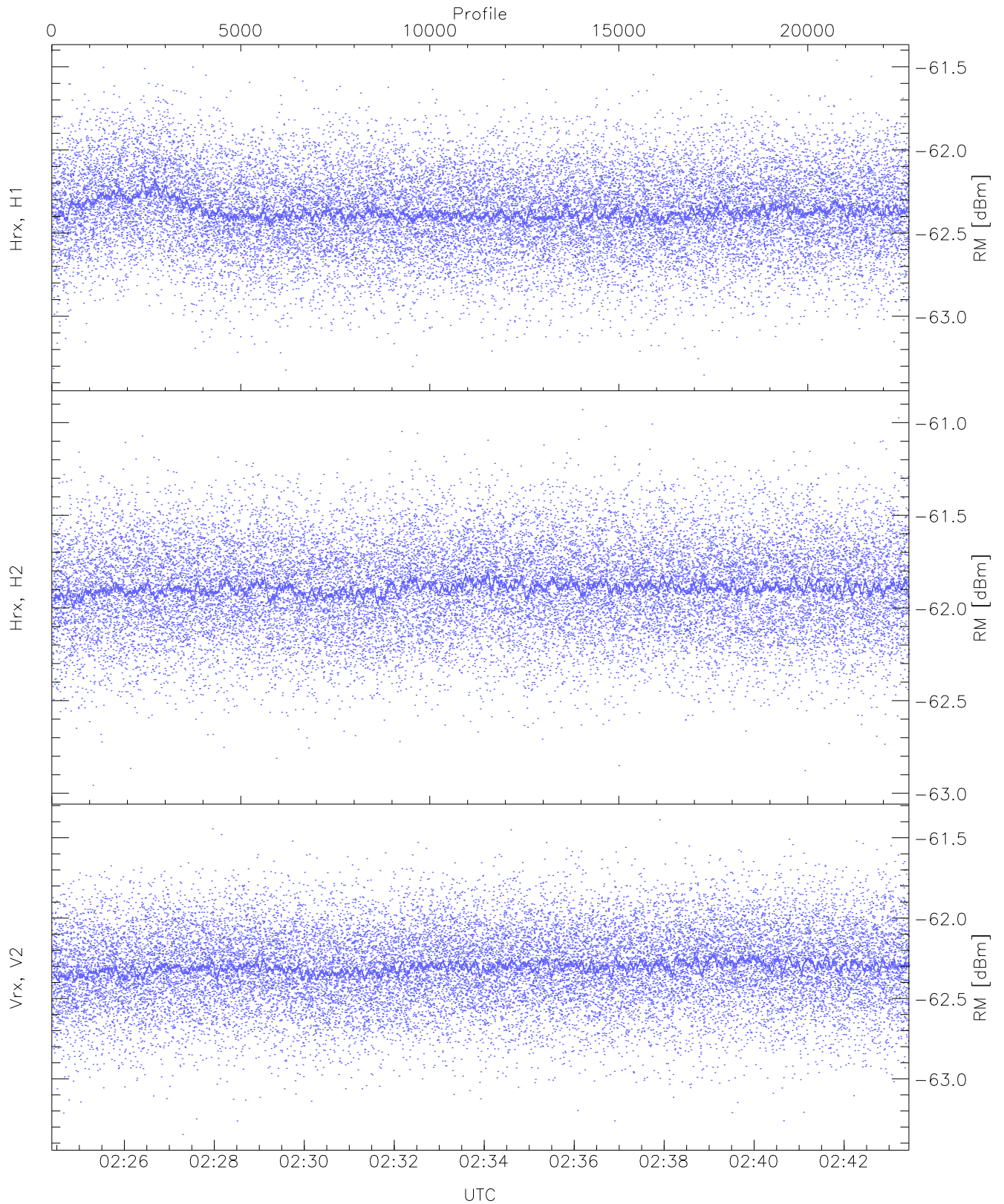
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.84	-60.95	-61.87	-61.87	-74.44
Hrx, H2 (WL [dBm])	-62.99	-60.73	-61.86	-61.87	-74.42
Vrx, V2 (WL [dBm])	-63.37	-61.44	-62.36	-62.37	-74.92



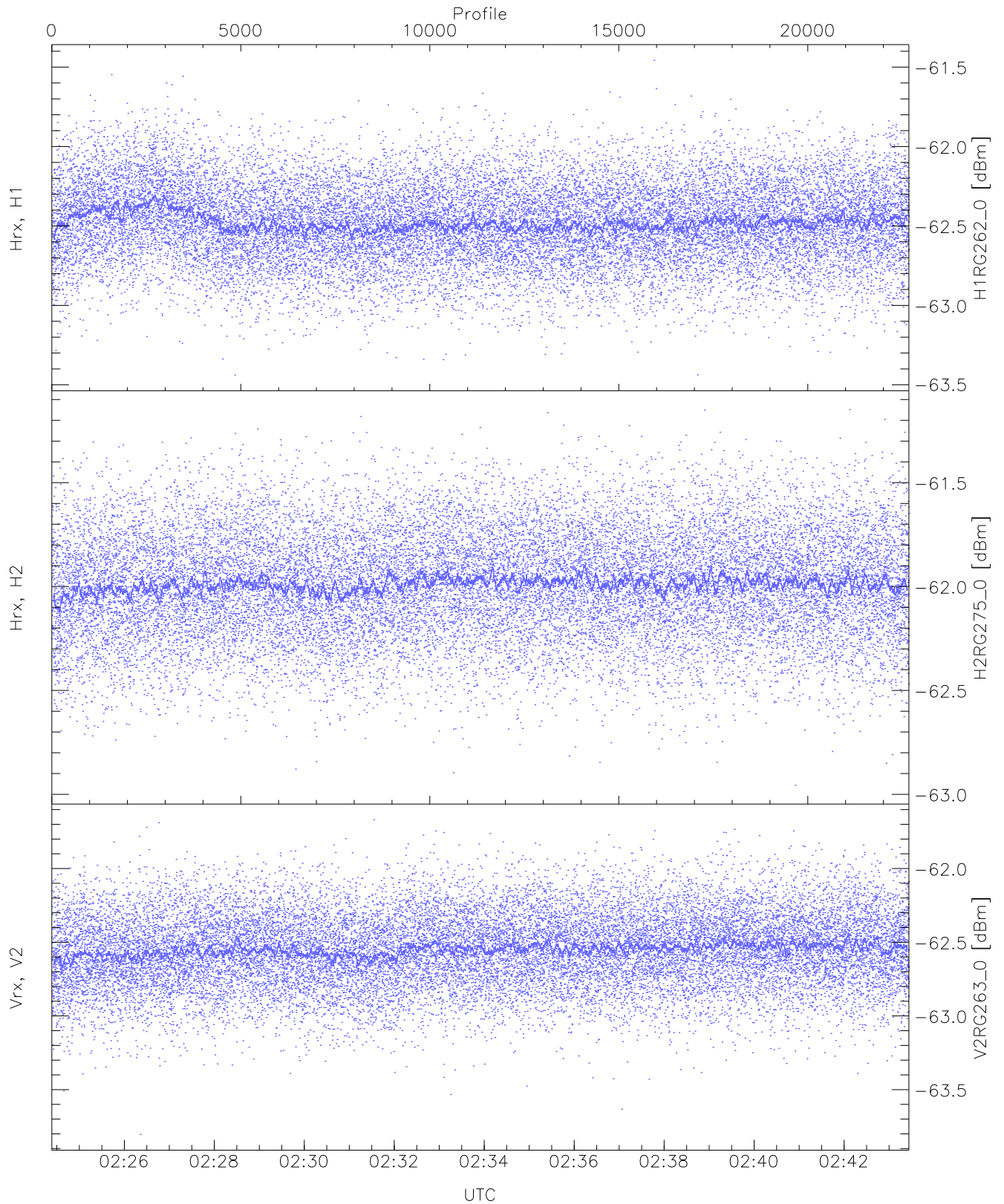
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.58	-60.79	-61.62	-61.63	-74.20
Hrx, H2 (HL [dBm])	-62.70	-60.78	-61.63	-61.63	-74.19
Vrx, V2 (HL [dBm])	-63.23	-61.20	-62.14	-62.15	-74.70



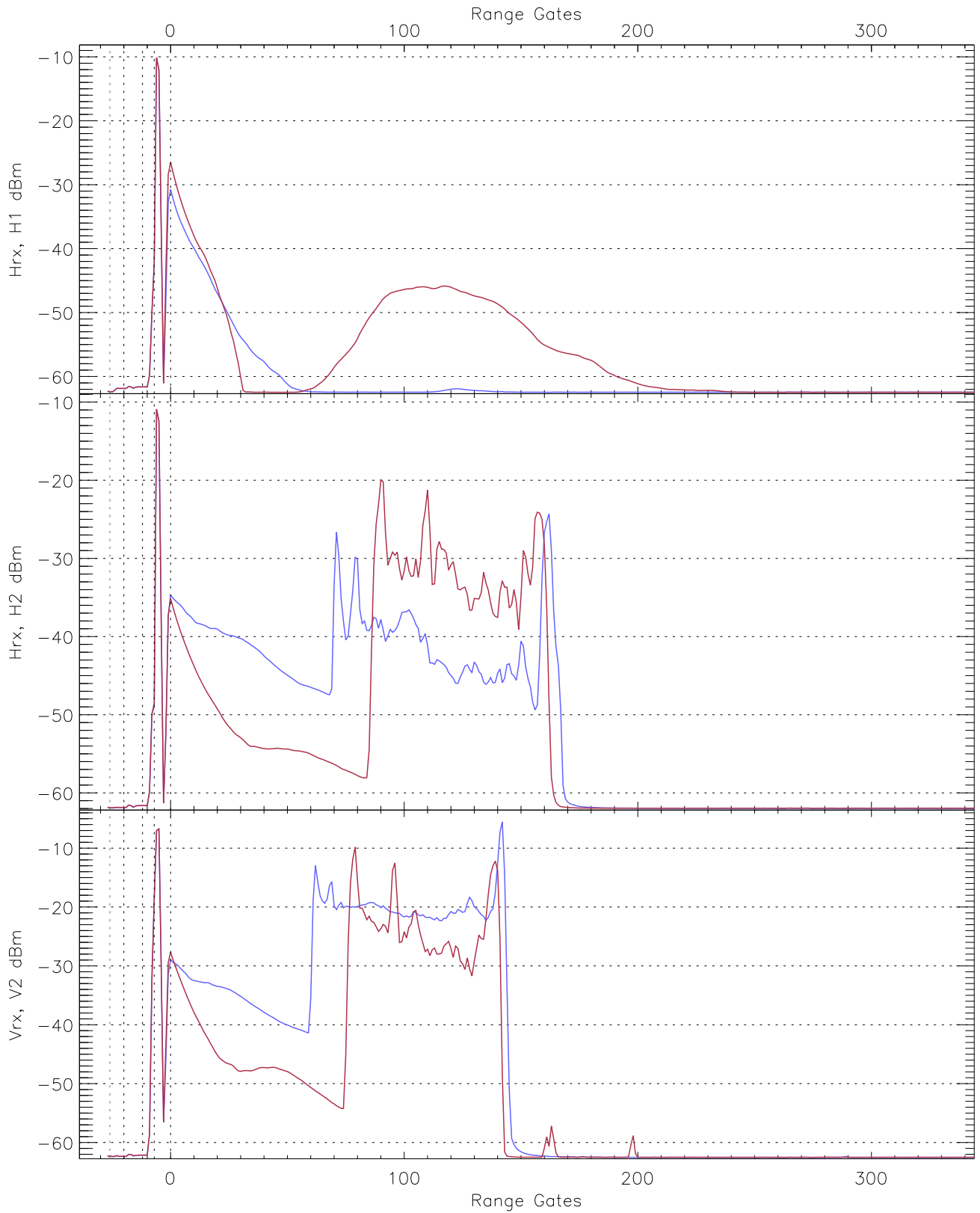
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.35	-61.46	-62.36	-62.37	-74.89
Hrx, H2(RM [dBm])	-62.96	-60.93	-61.89	-61.89	-74.47
Vrx, V2(RM [dBm])	-63.35	-61.39	-62.30	-62.31	-74.87

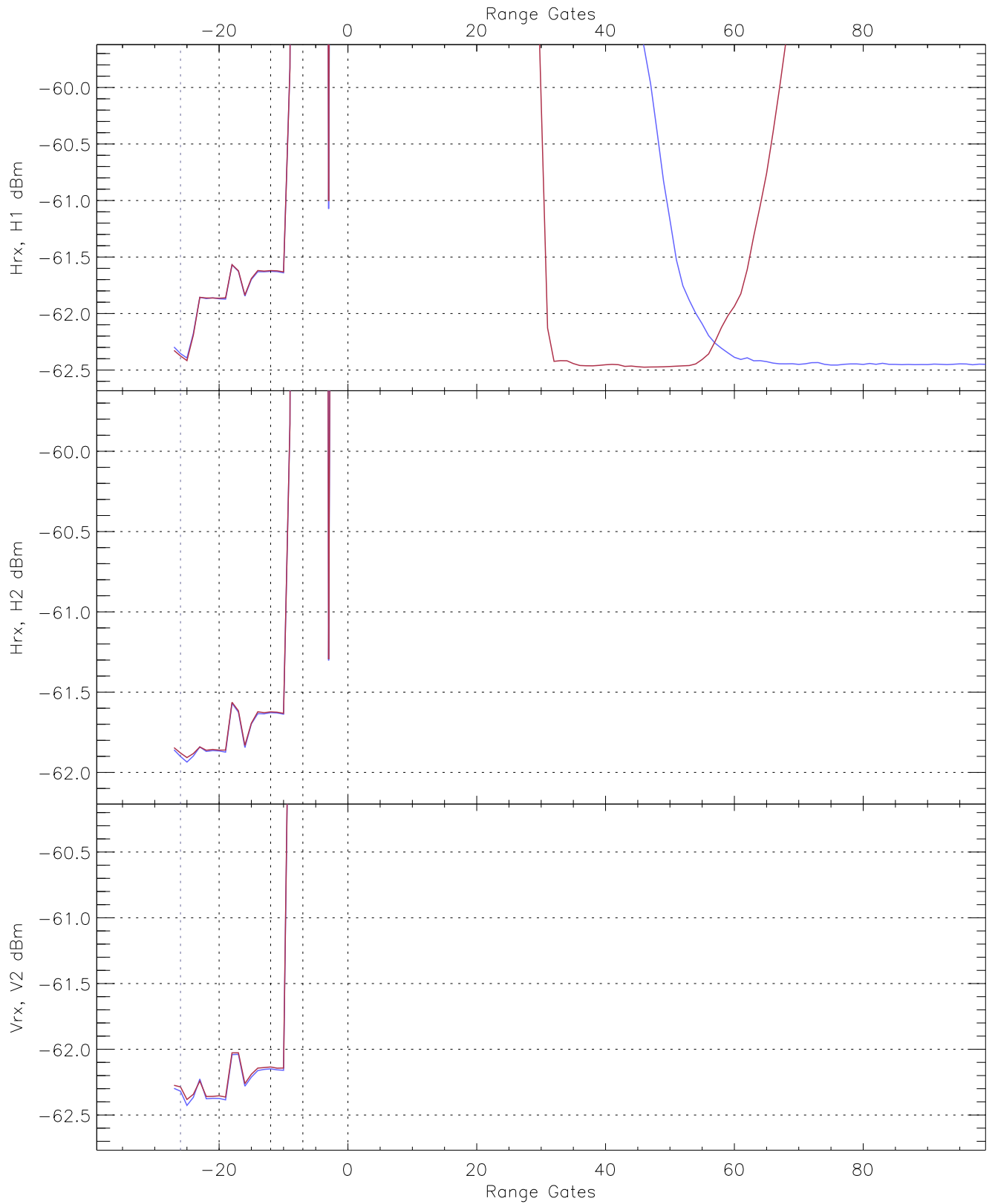


WCR2 CPP "Best" estimate Receivers Noise Power

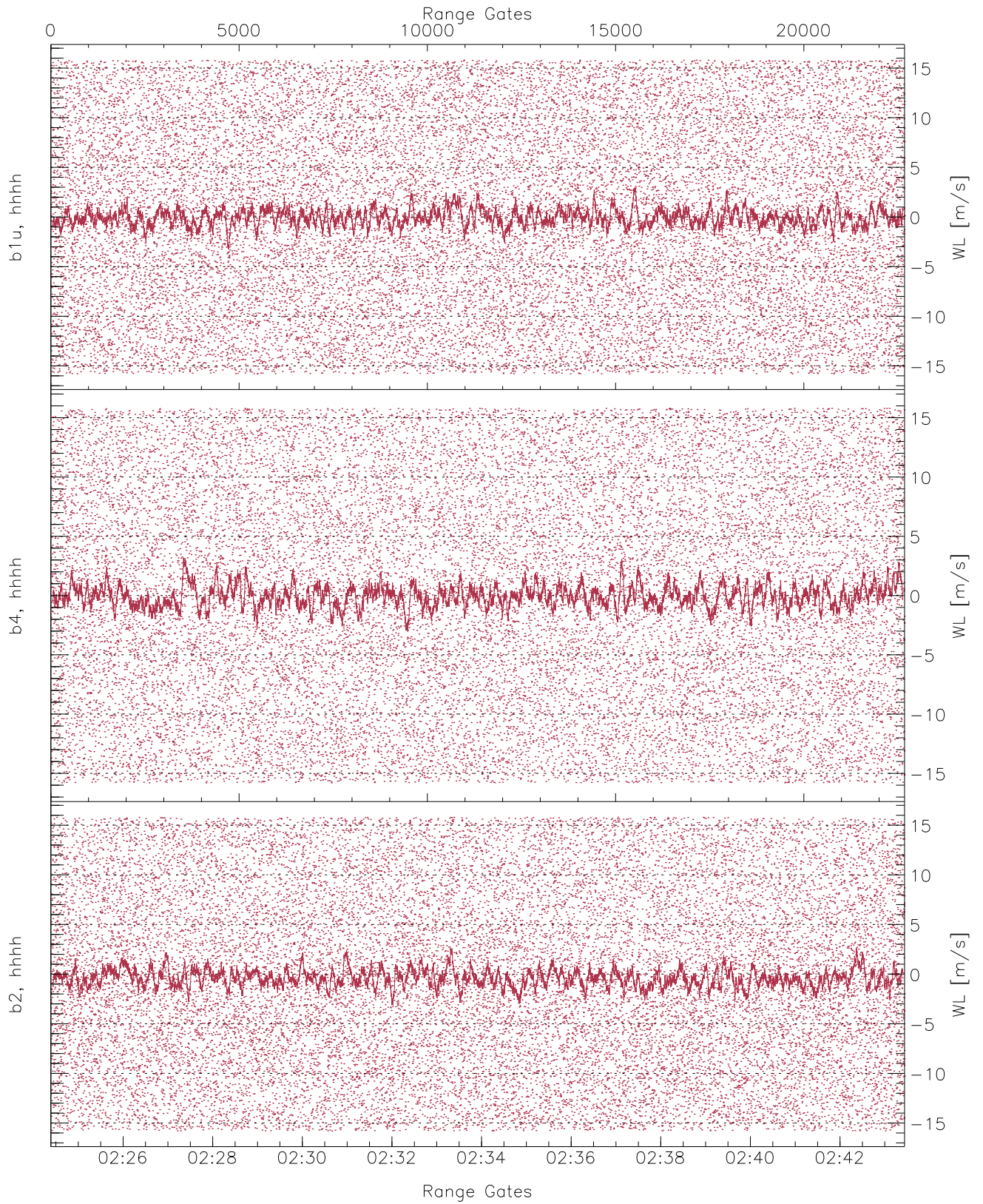
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.44	-61.46	-62.47	-62.48	-75.00
H2RG275_0 [dBm]	-62.96	-61.15	-61.99	-61.99	-74.53
V2RG263_0 [dBm]	-63.80	-61.67	-62.55	-62.55	-75.08



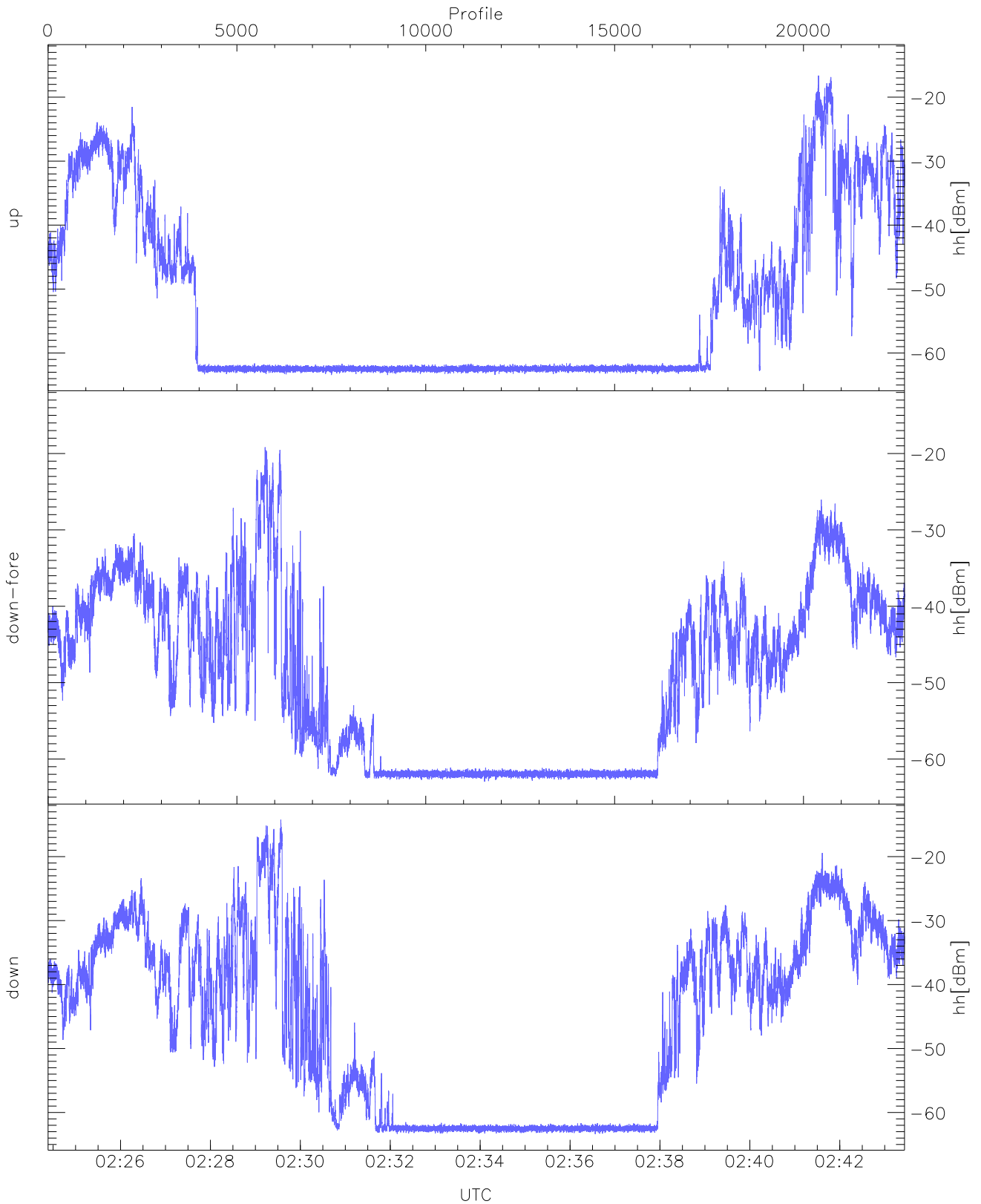
WCR2 CPP Averaged Received power for all recorded gates
blue: 022423-023355, 11339 profiles averaged
red: 023355-024326, 11339 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 022423-023355, 11339 profiles averaged
red: 023355-024326, 11339 profiles averaged

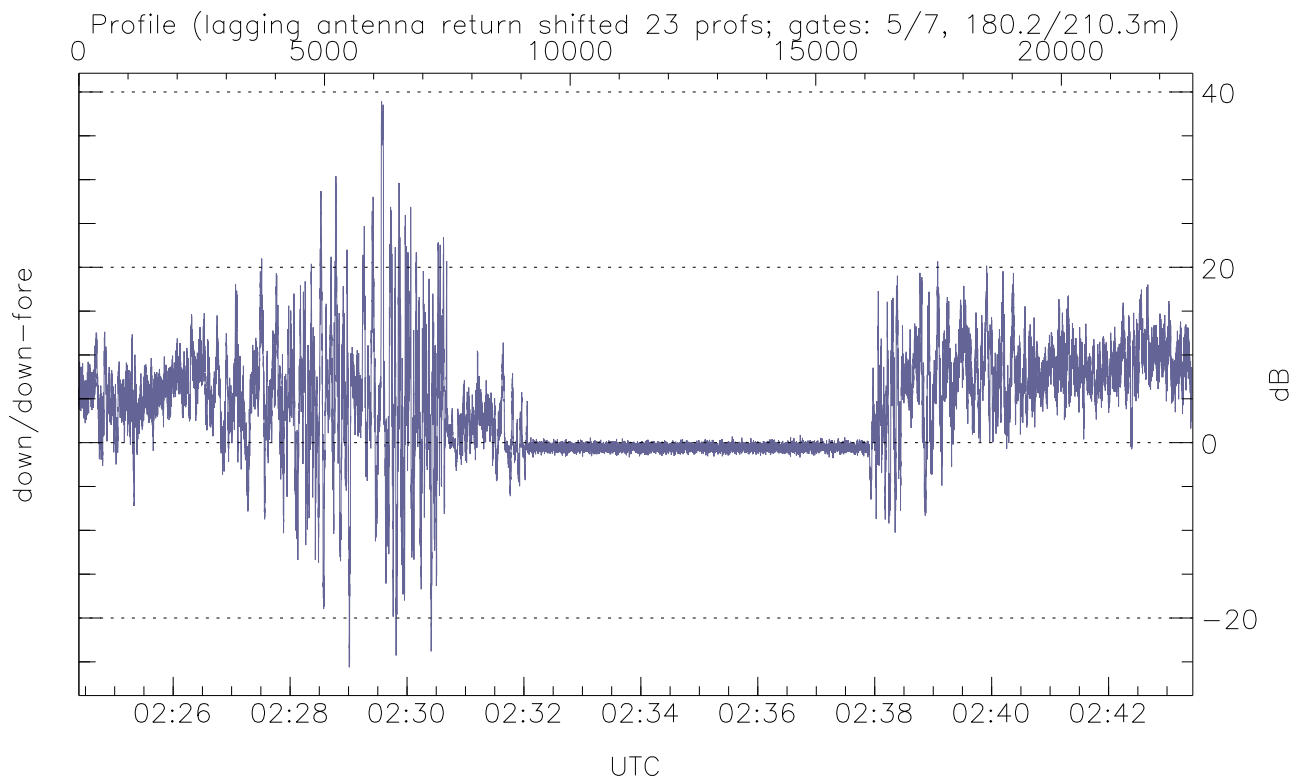
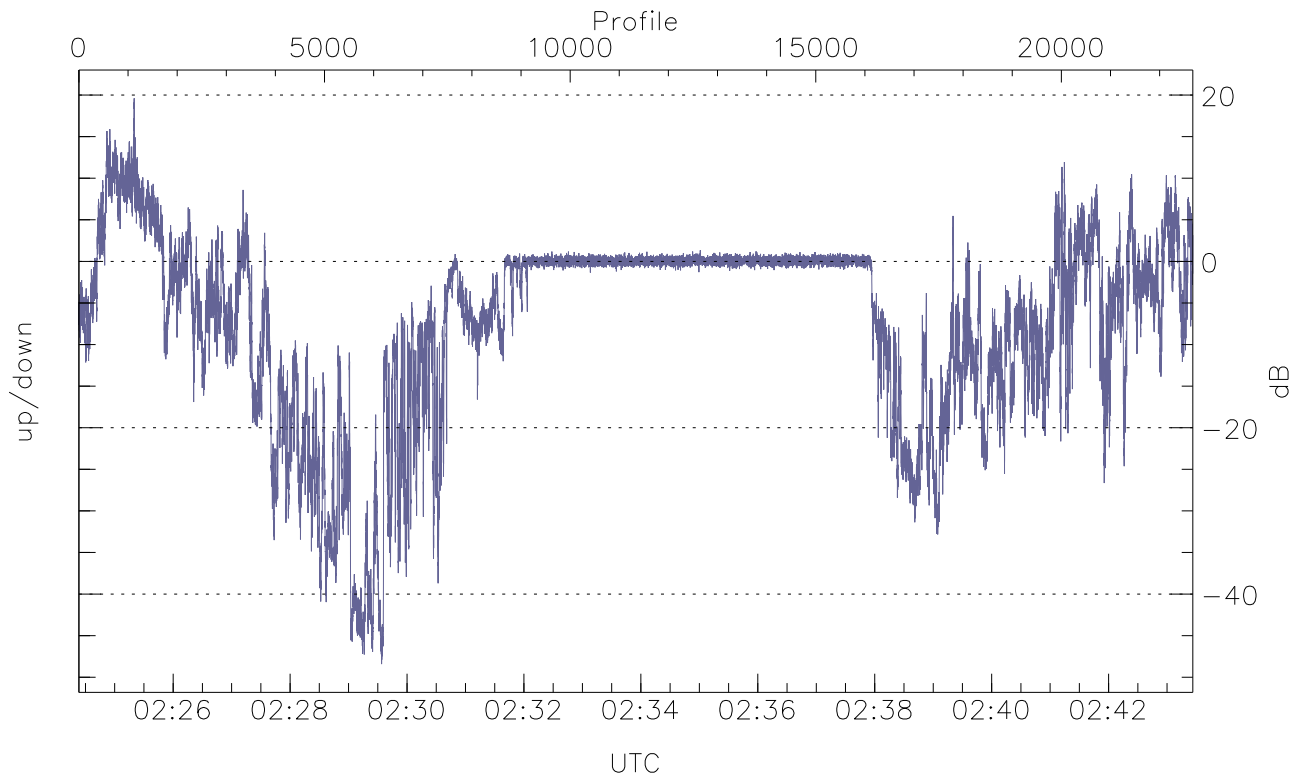


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



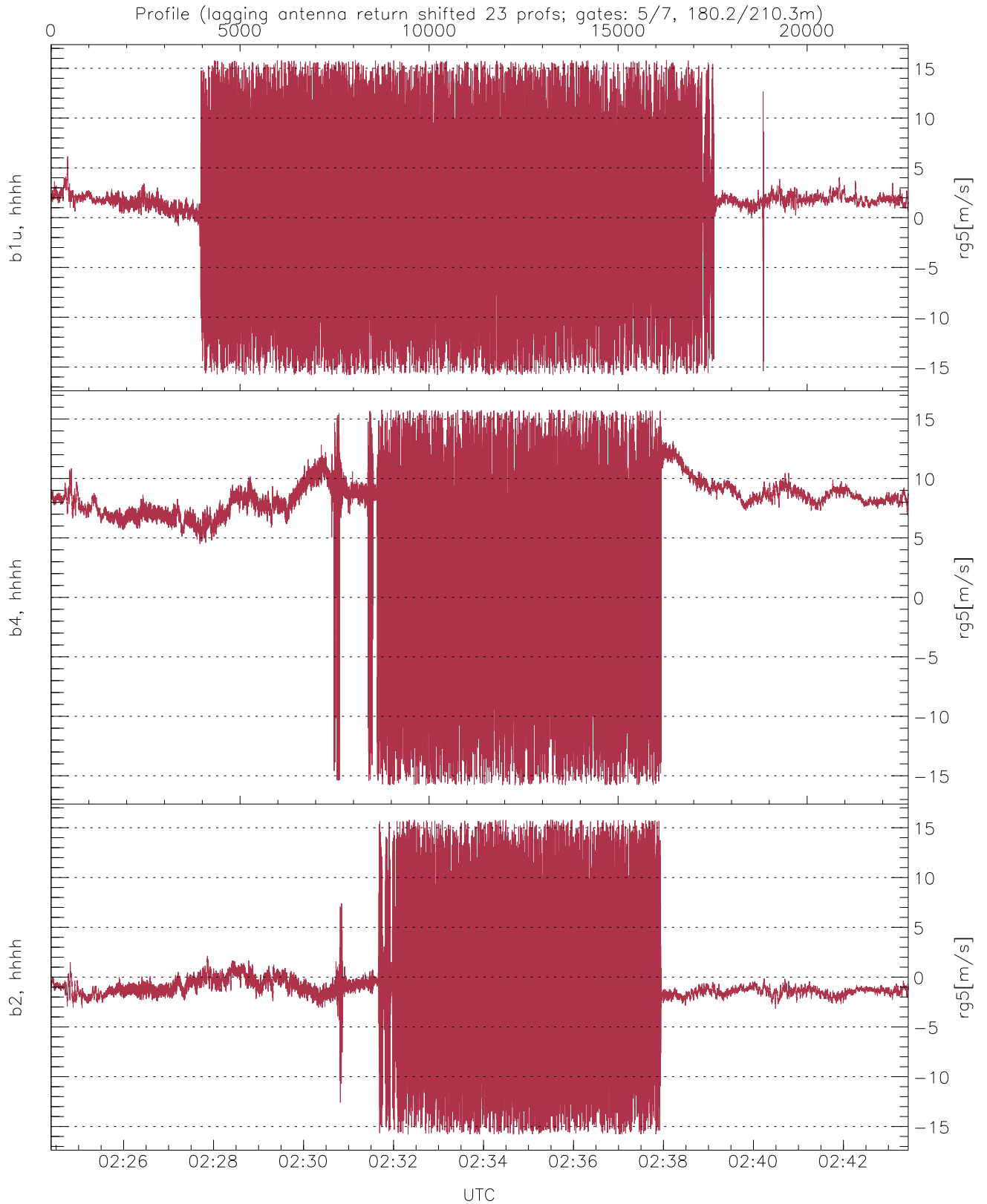
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.43	-16.63	-34.44
down-fore(hh[dBm])	-62.96	-19.18	-37.72
down(hh[dBm])	-63.36	-14.24	-31.78



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

	Min	Max	Mean
up/down (dB)	-48.42	19.61	-7.00
down/down-fore (dB)	-25.62	38.91	3.93



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	0.60	6.78
b4, hhhh(rg5[m/s])	-15.80	15.79	5.50	6.70
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.96	5.21