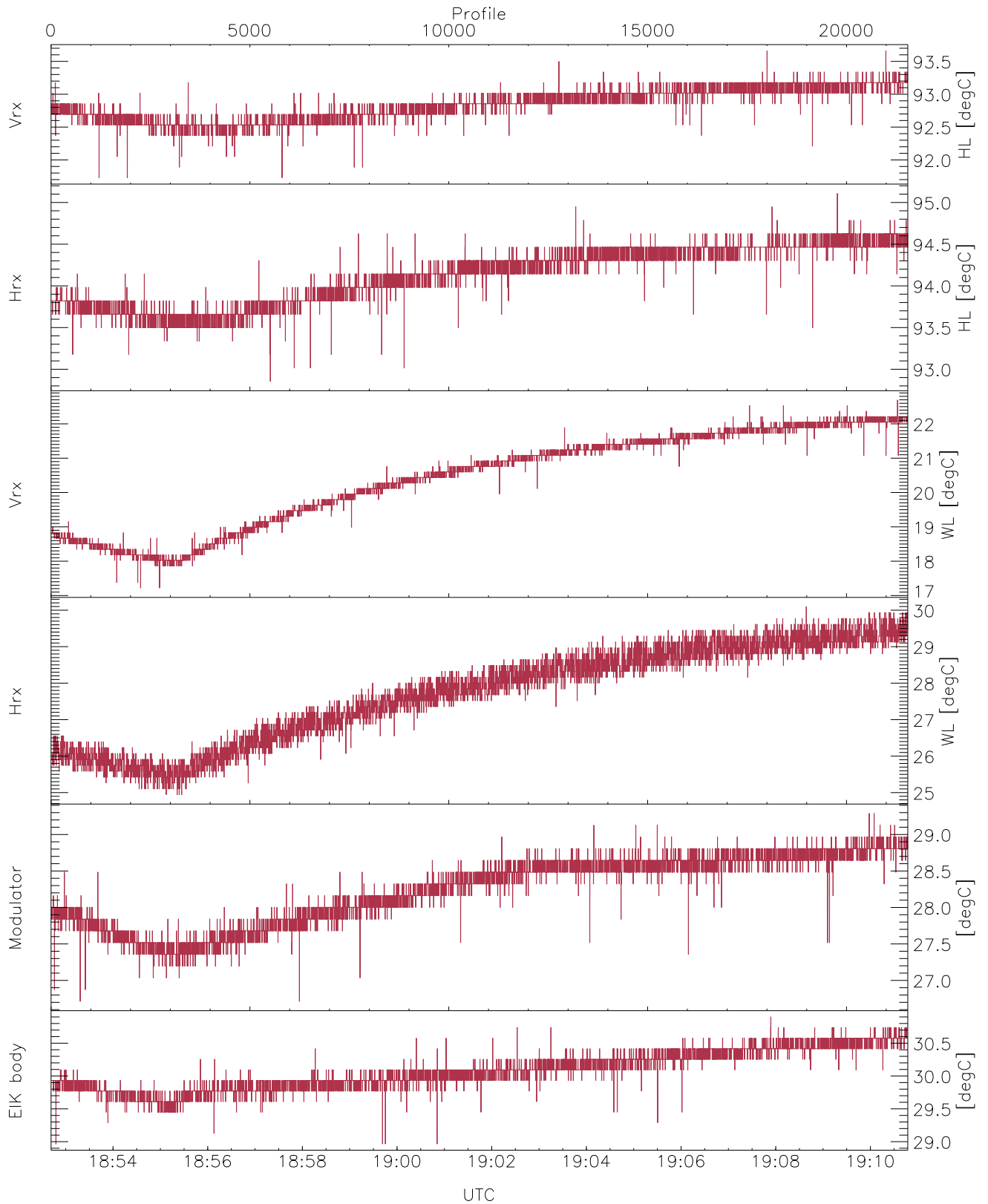


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

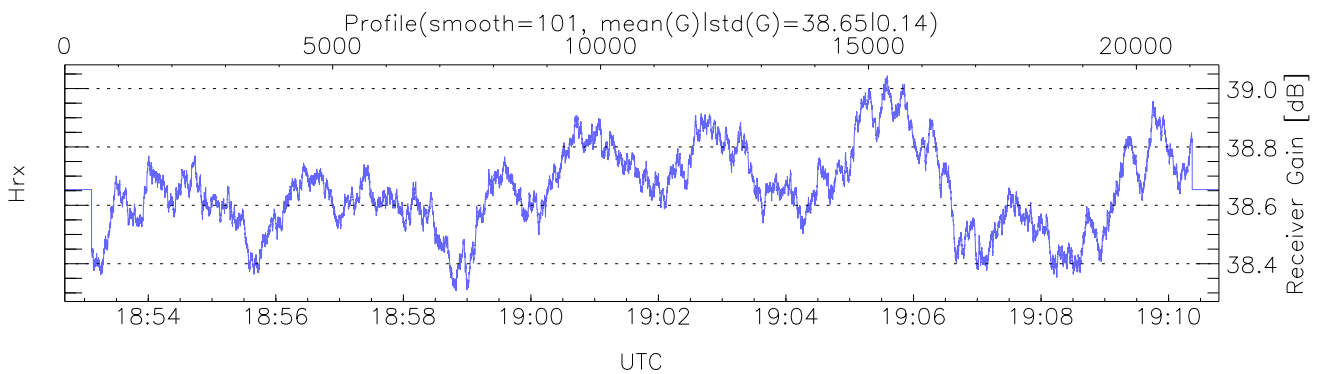
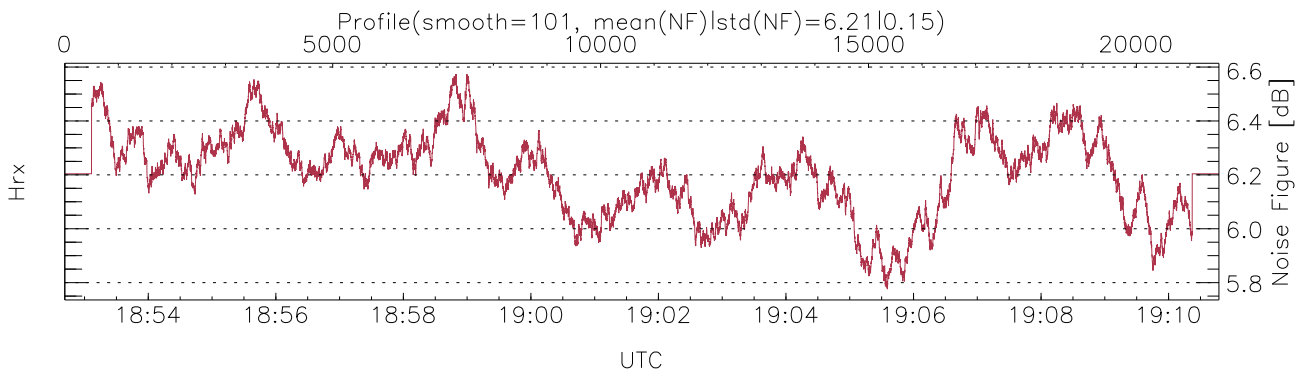
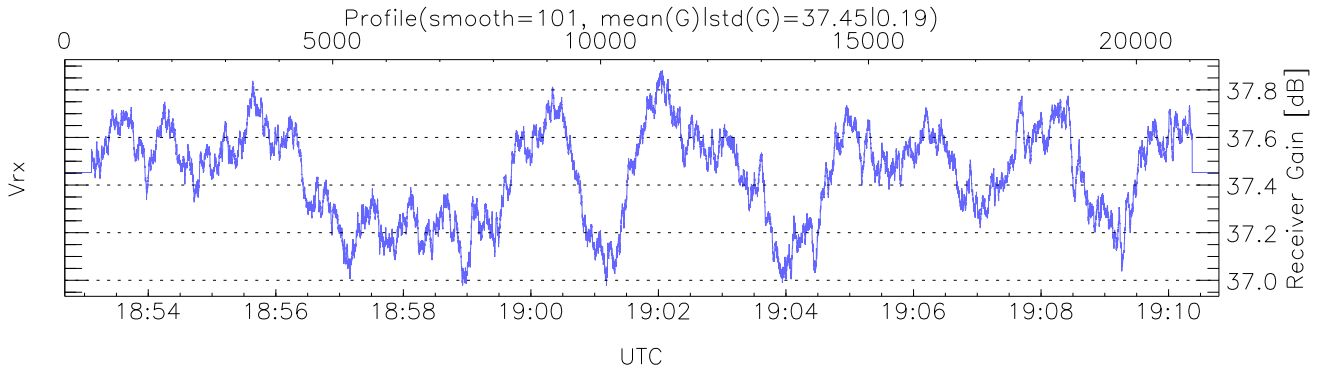
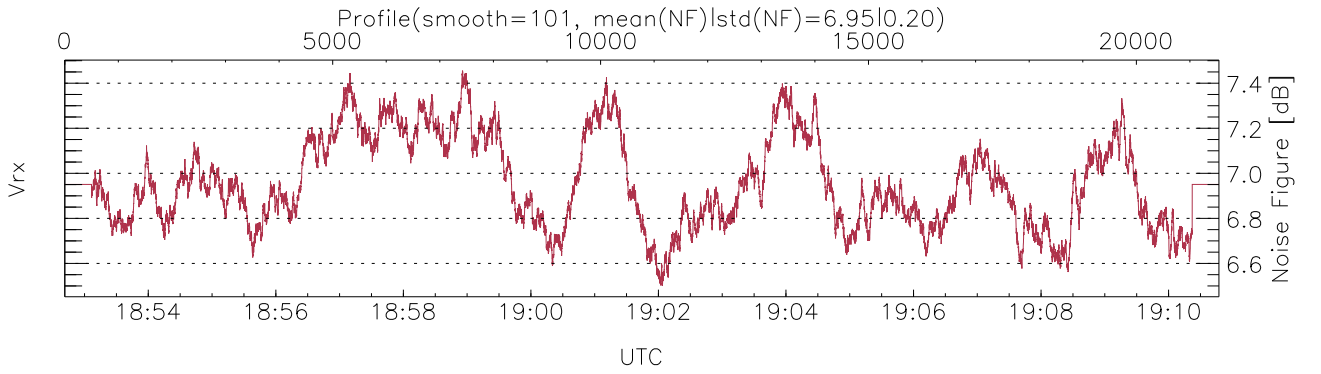
UTC: 18:52:41-19:10:47, Dur: 1085.99s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 21543/21543, 0-21542/18:52:41-19:10:47
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

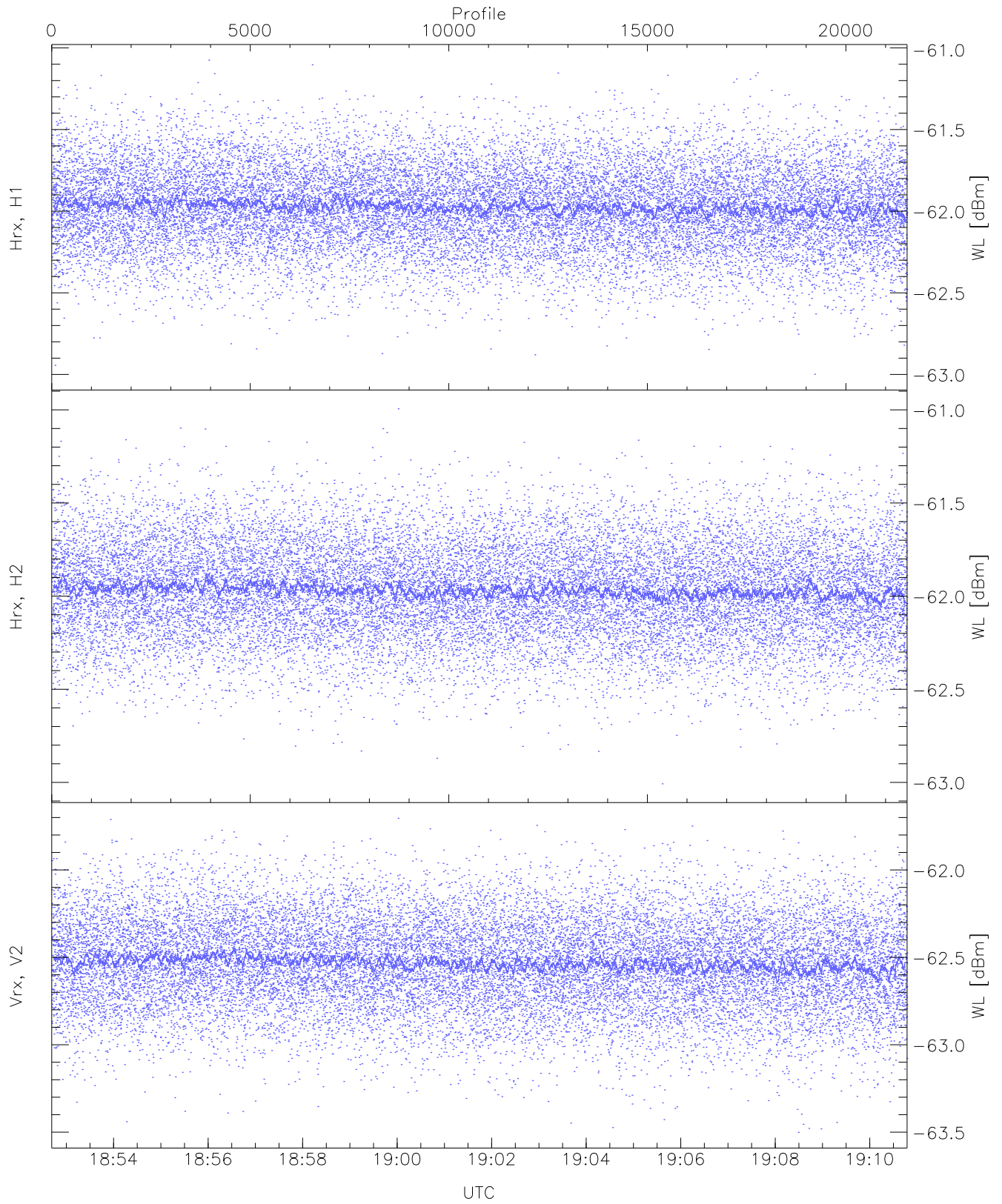
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,26,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,29,30
 LOalarm(20,80,240,2.8,14.8 MHz): None

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



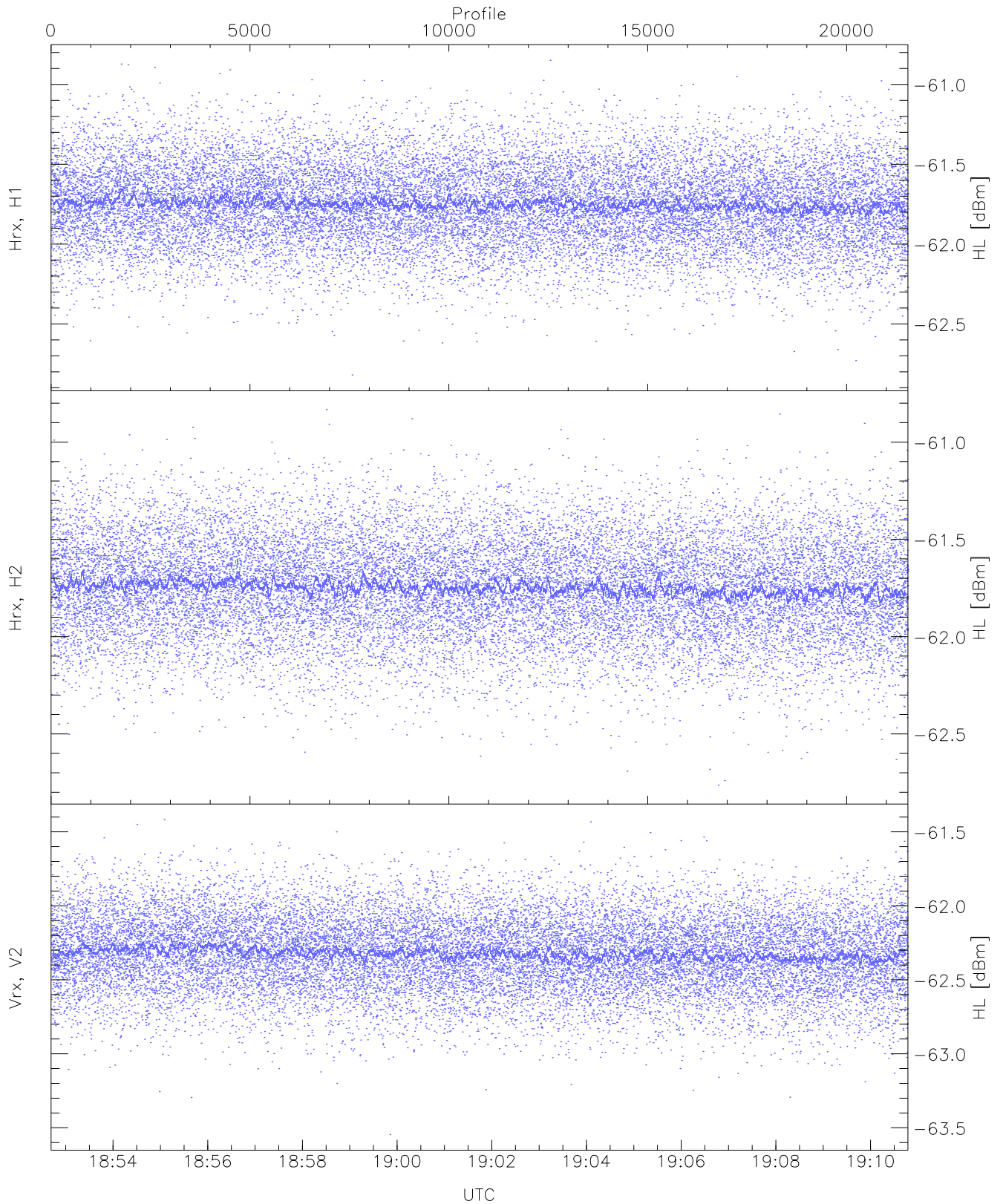
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 7683 pixs, 52 gates, 7664 profs, 1 prods



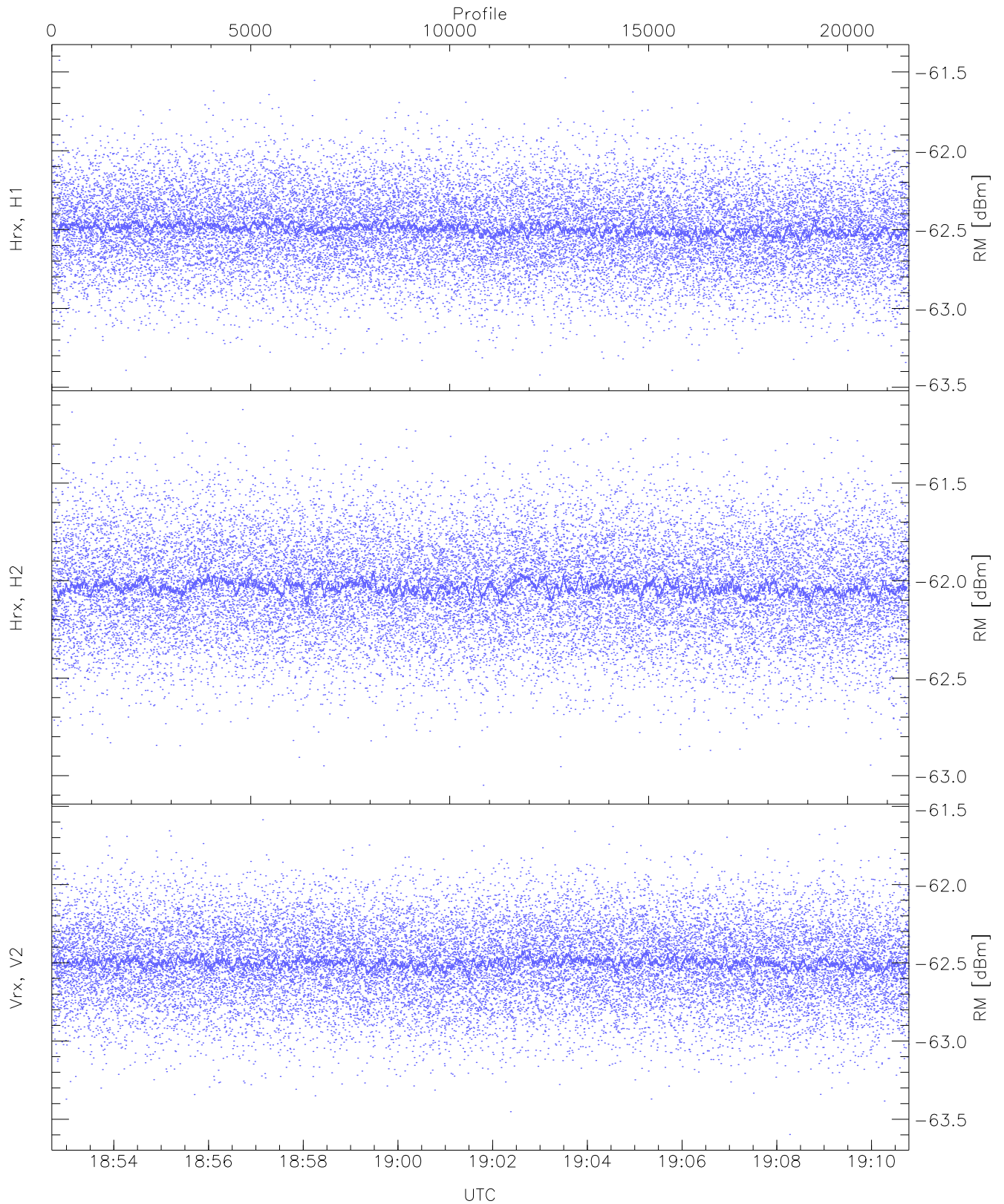
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.00	-61.08	-61.97	-61.97	-74.56
Hrx, H2 (WL [dBm])	-63.01	-60.99	-61.97	-61.97	-74.53
Vrx, V2 (WL [dBm])	-63.50	-61.70	-62.53	-62.53	-75.07



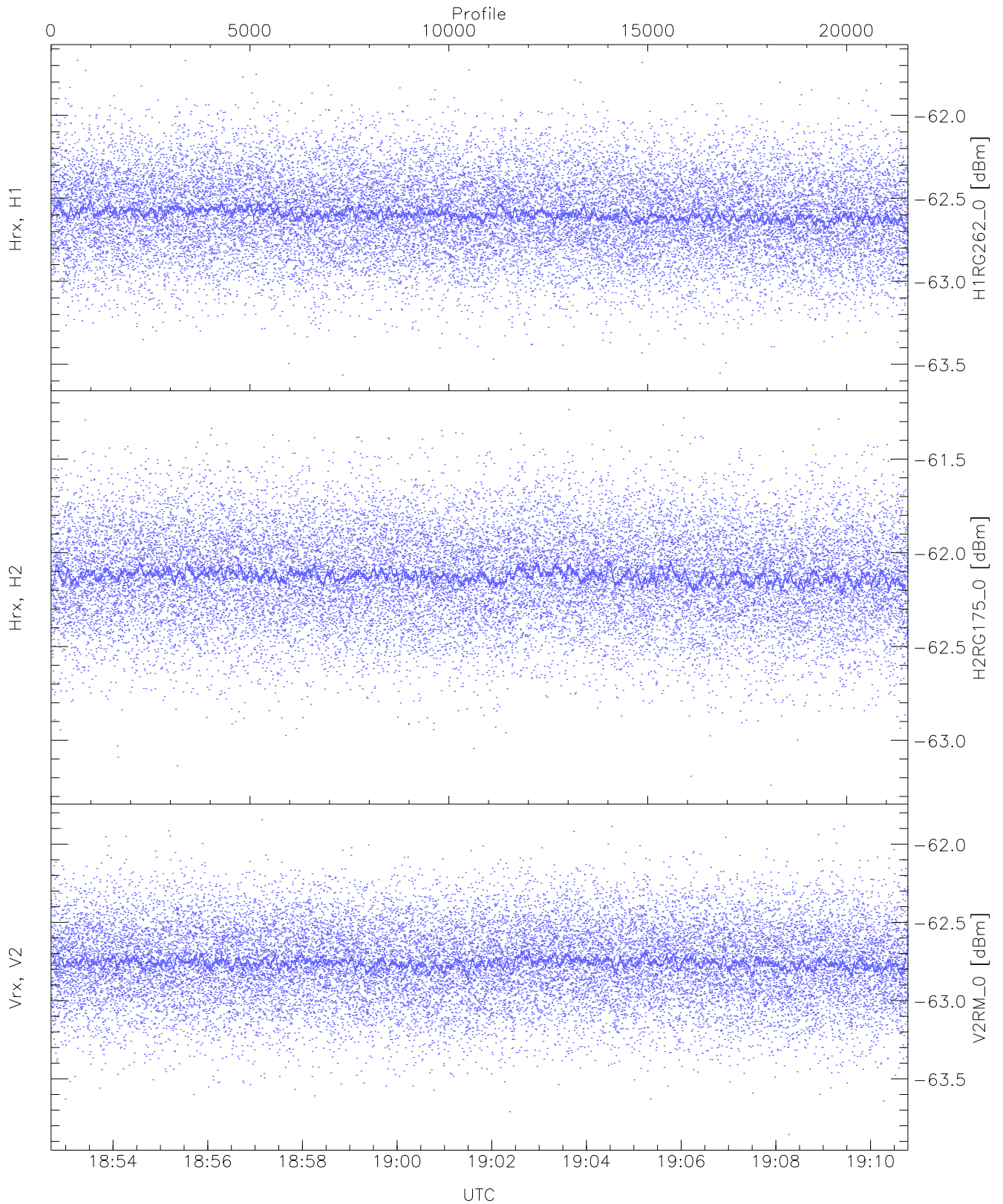
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.82	-60.85	-61.75	-61.75	-74.30
Hrx, H2 (HL [dBm])	-62.76	-60.83	-61.74	-61.75	-74.32
Vrx, V2 (HL [dBm])	-63.55	-61.42	-62.32	-62.32	-74.89



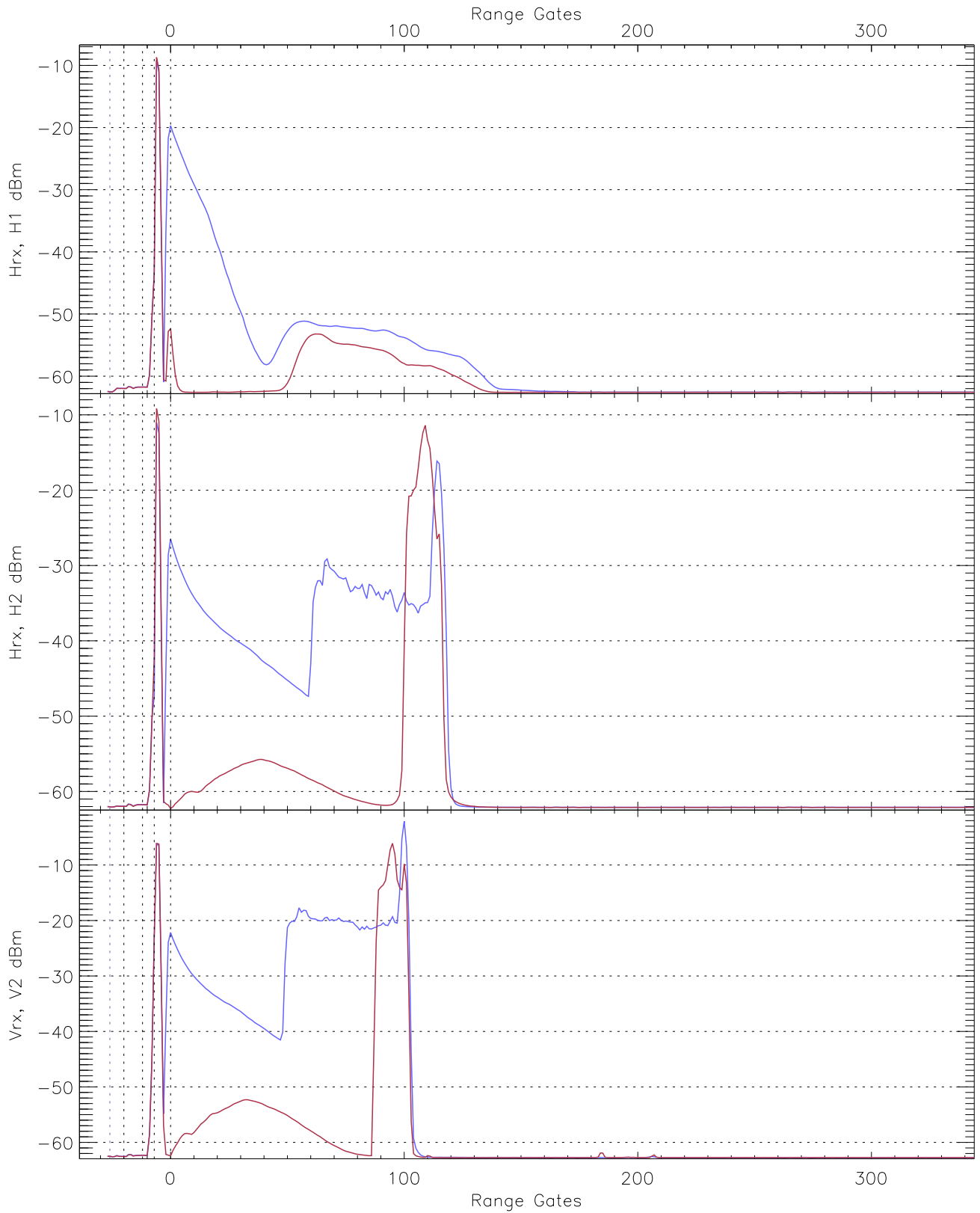
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.42	-61.43	-62.49	-62.50	-75.05
Hrx, H2 (RM [dBm])	-63.05	-61.12	-62.03	-62.04	-74.60
Vrx, V2 (RM [dBm])	-63.60	-61.59	-62.50	-62.50	-75.02

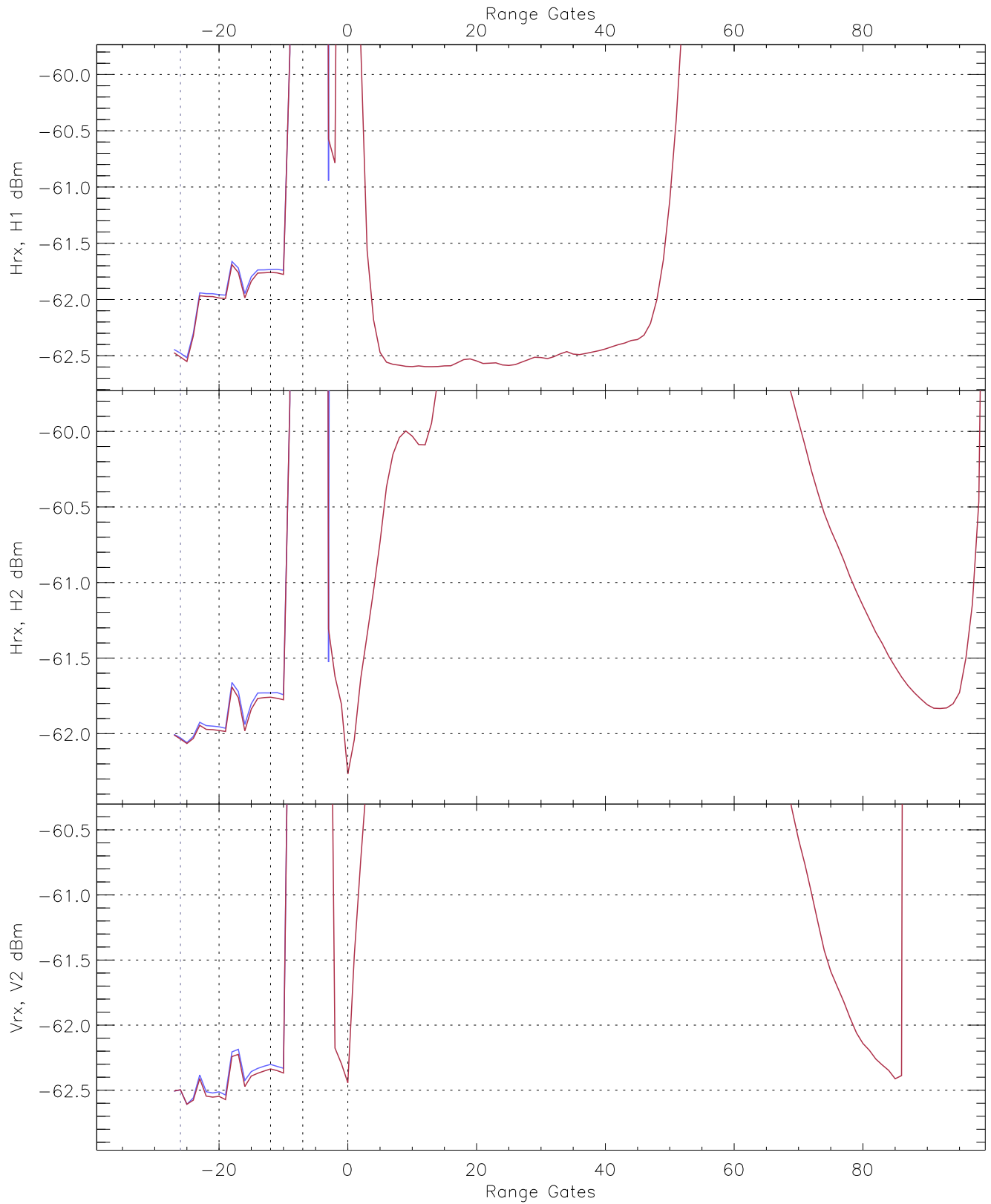


WCR2 CPP "Best" estimate Receivers Noise Power

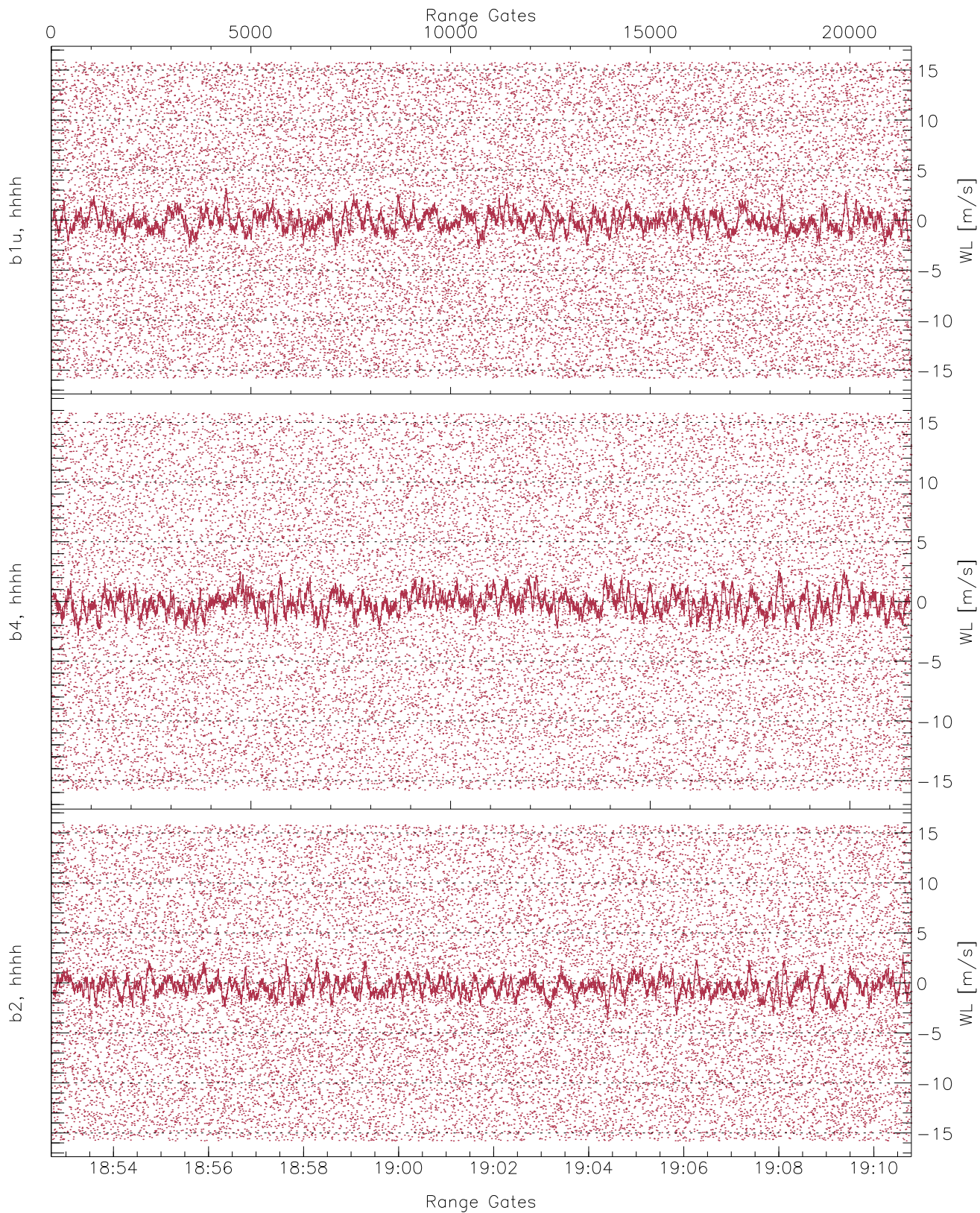
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.56	-61.67	-62.59	-62.60	-75.17
H2RG175_0 [dBm]	-63.24	-61.24	-62.12	-62.13	-74.67
V2RM_0 [dBm]	-63.86	-61.84	-62.76	-62.76	-75.28



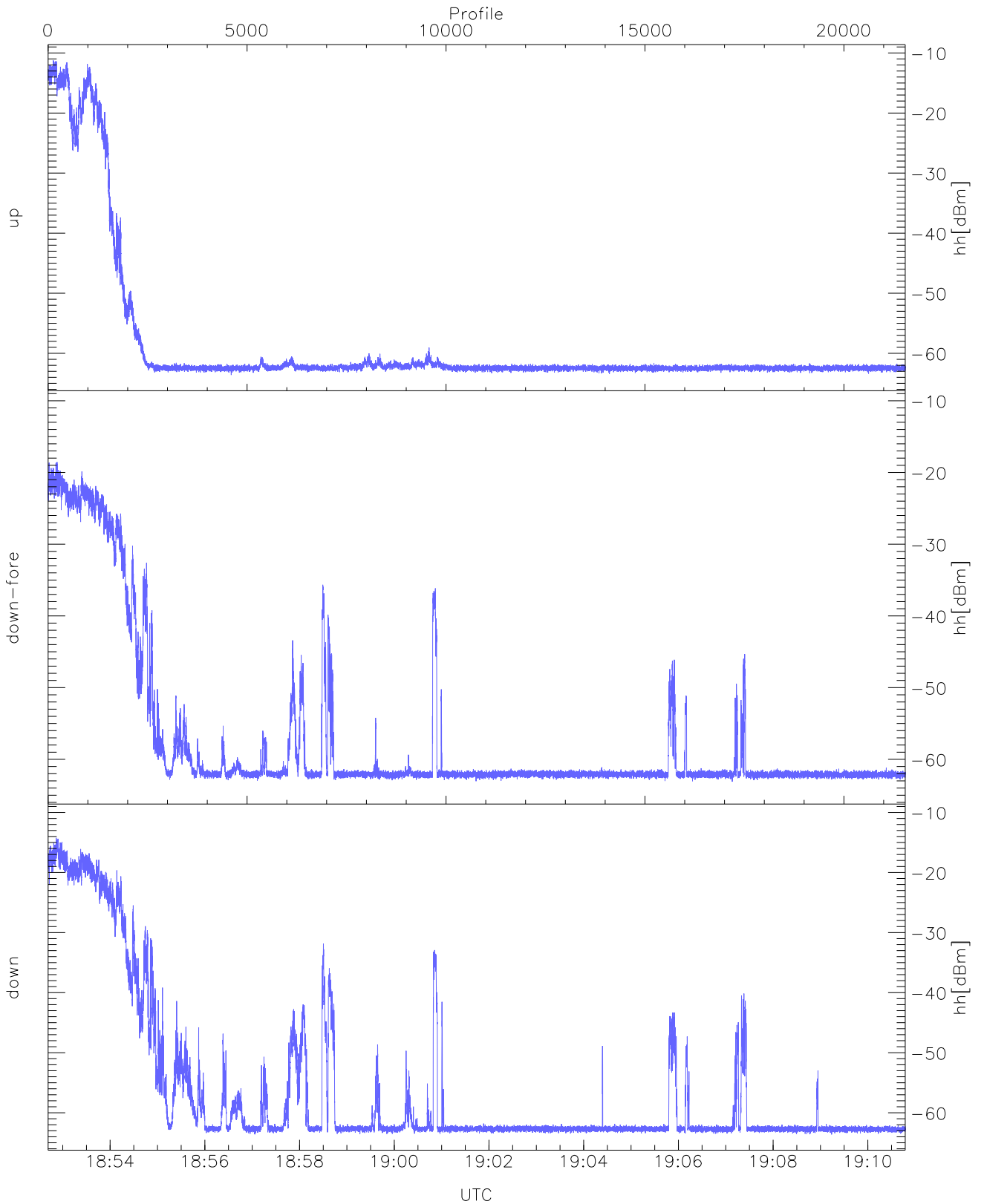
WCR2 CPP Averaged Received power for all recorded gates
blue: 185241-190144, 10772 profiles averaged
red: 190144-191047, 10772 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 185241-190144, 10772 profiles averaged
red: 190144-191047, 10772 profiles averaged

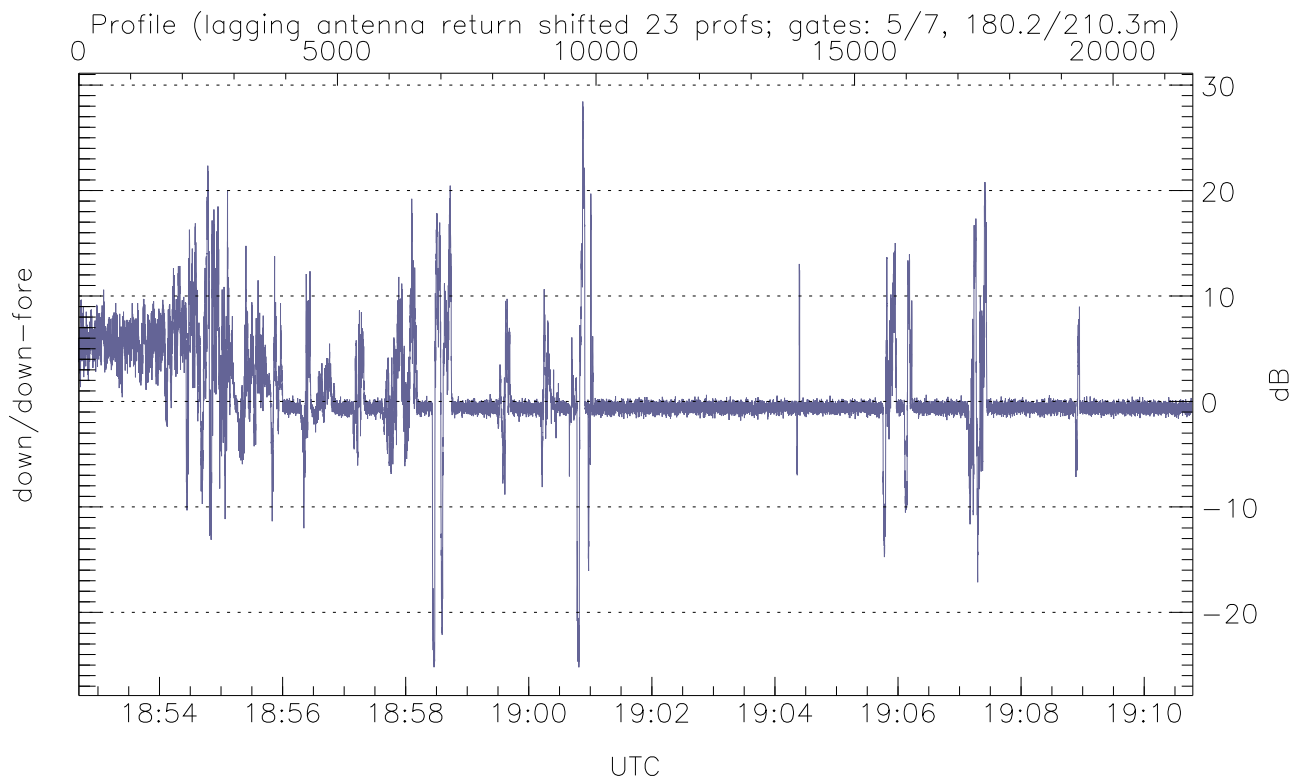
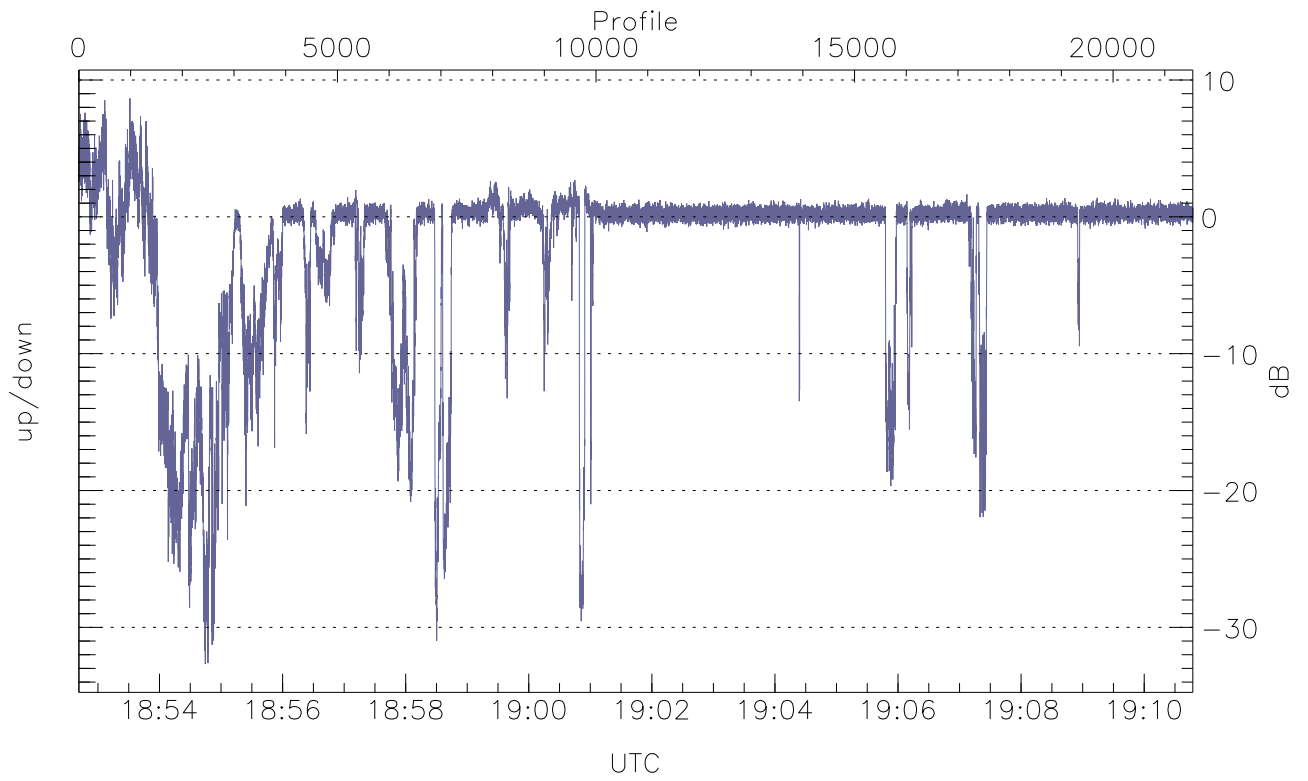


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



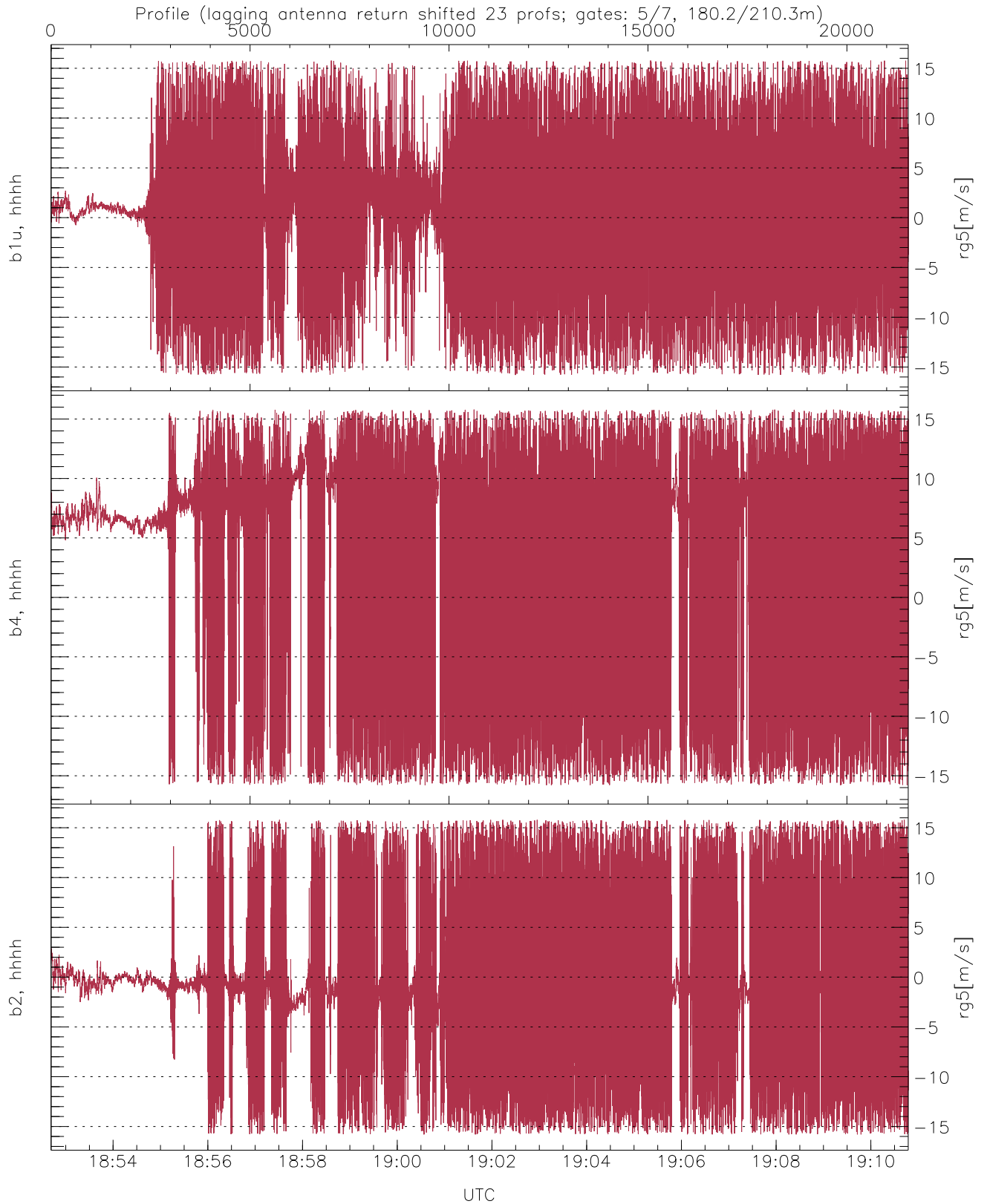
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.60	-11.22	-27.71
down-fore(hh[dBm])	-63.11	-18.56	-34.08
down(hh[dBm])	-63.61	-14.22	-29.96



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

	Min	Max	Mean
up/down (dB)	-32.68	8.66	-2.30
down/down-fore (dB)	-25.21	28.44	0.68



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.78	0.26	6.67
b4, hhhh(rg5[m/s])	-15.80	15.80	2.07	8.55
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.54	7.44