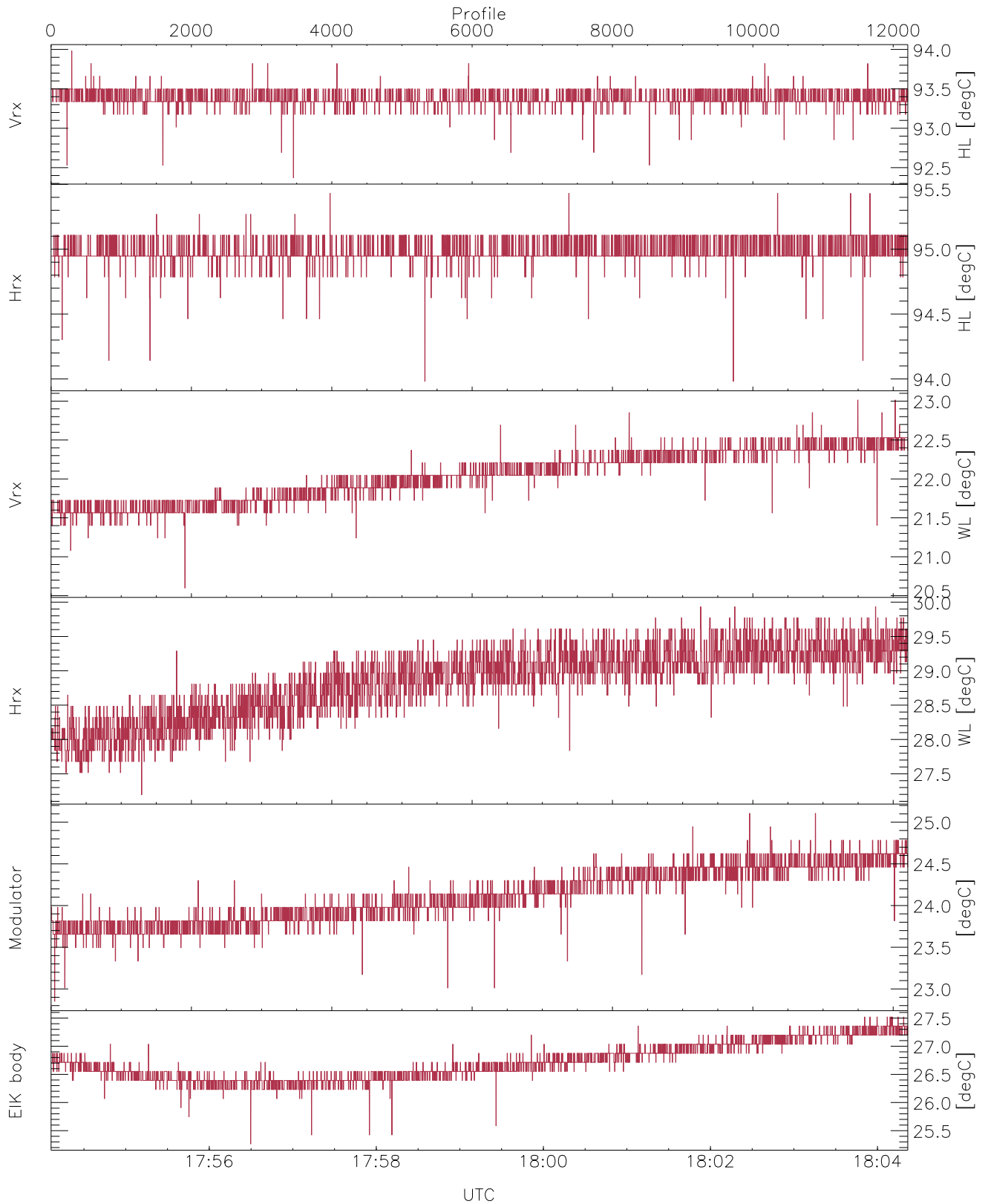


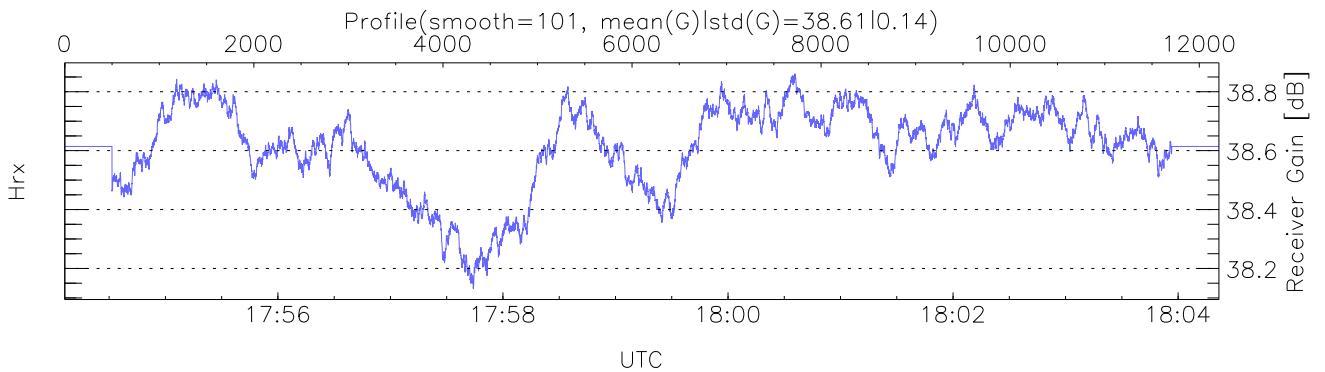
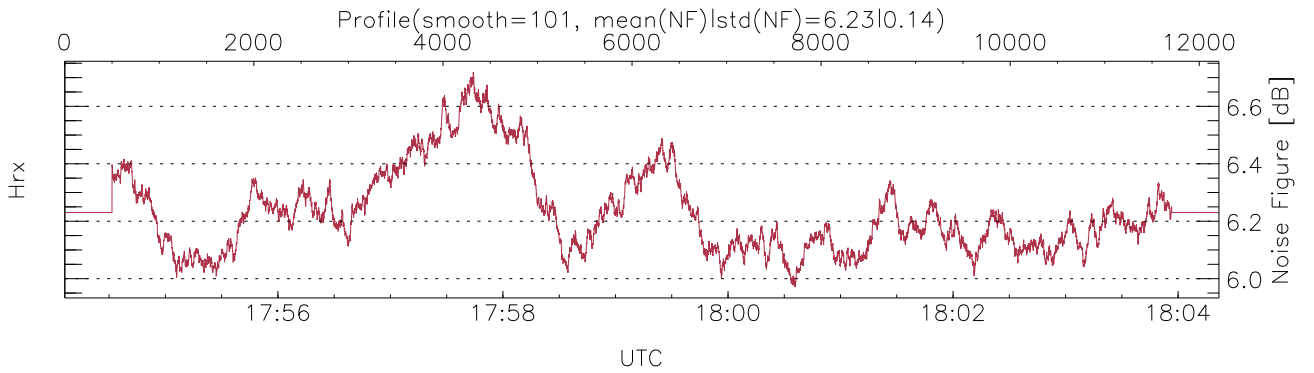
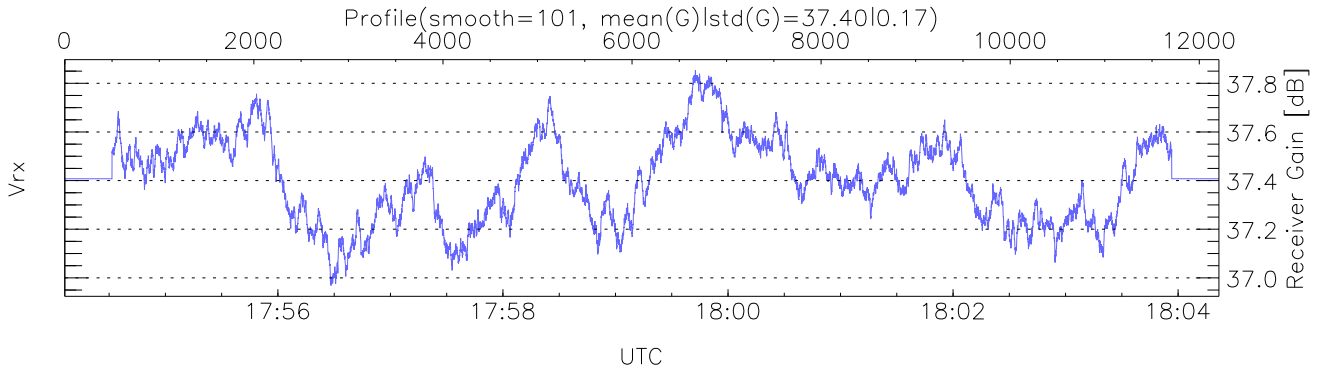
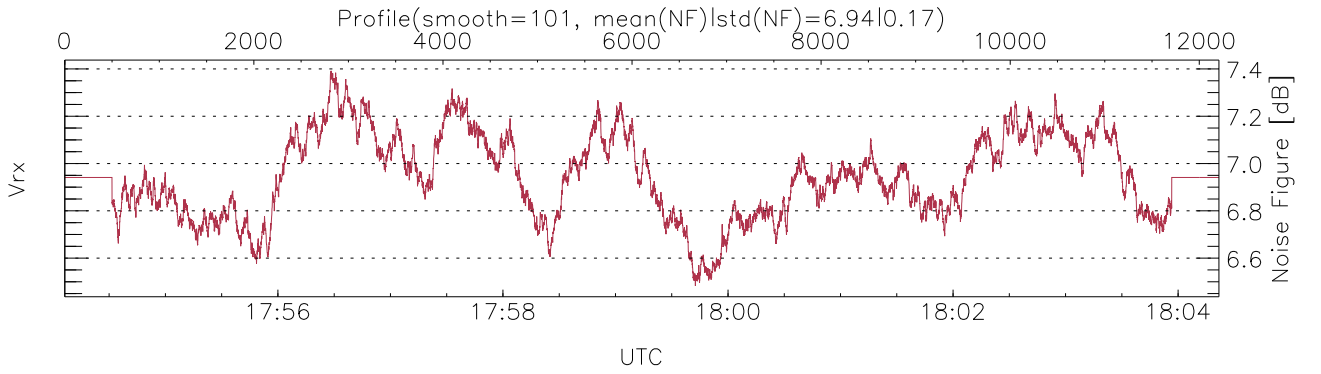
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:54:06-18:04:22, Dur: 615.44s
 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): 12209/12209, 0-12208/17:54:06-18:04:22
 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



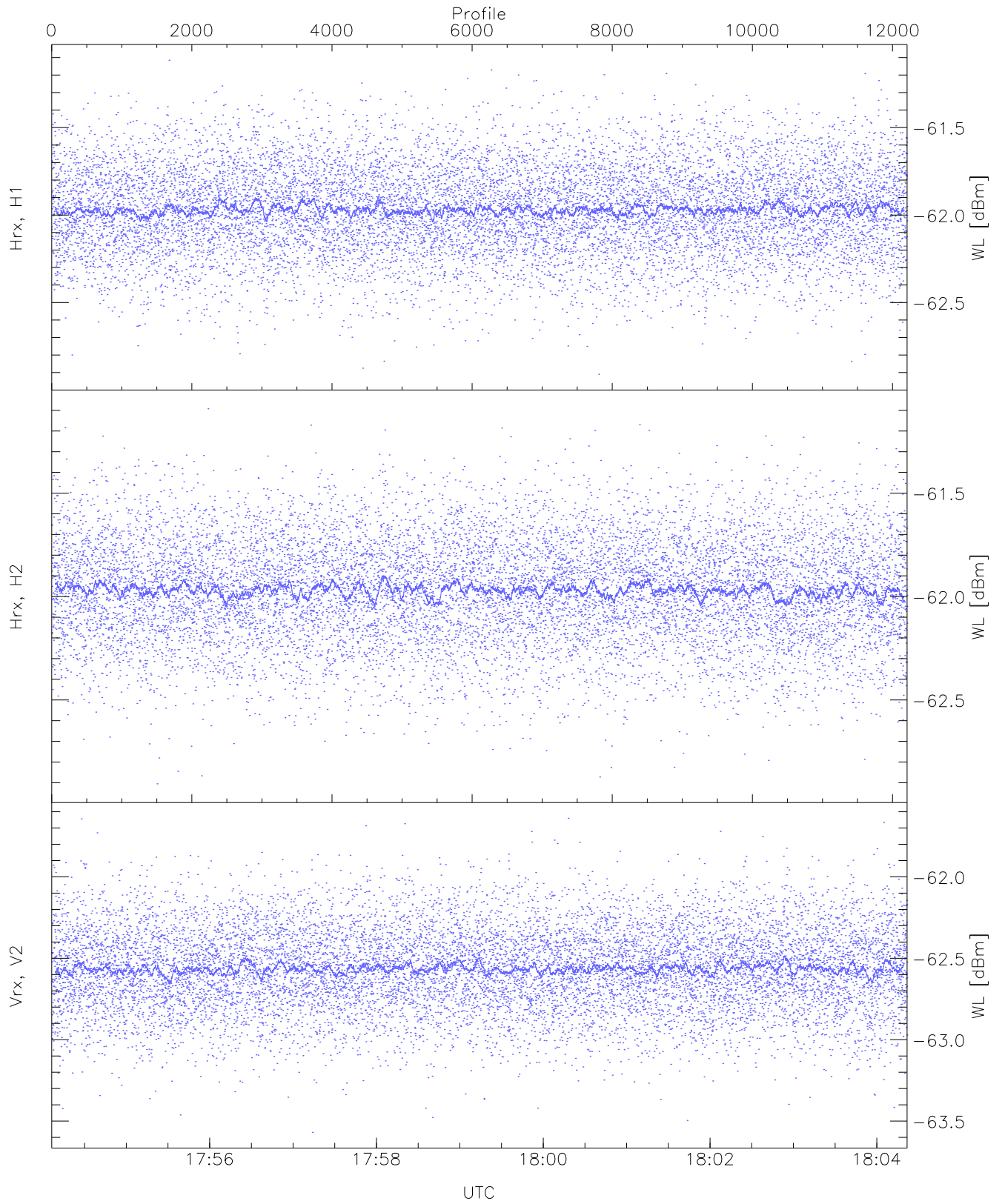
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,20,27,22,25
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,23,29,25,27
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,10,5,10,5)



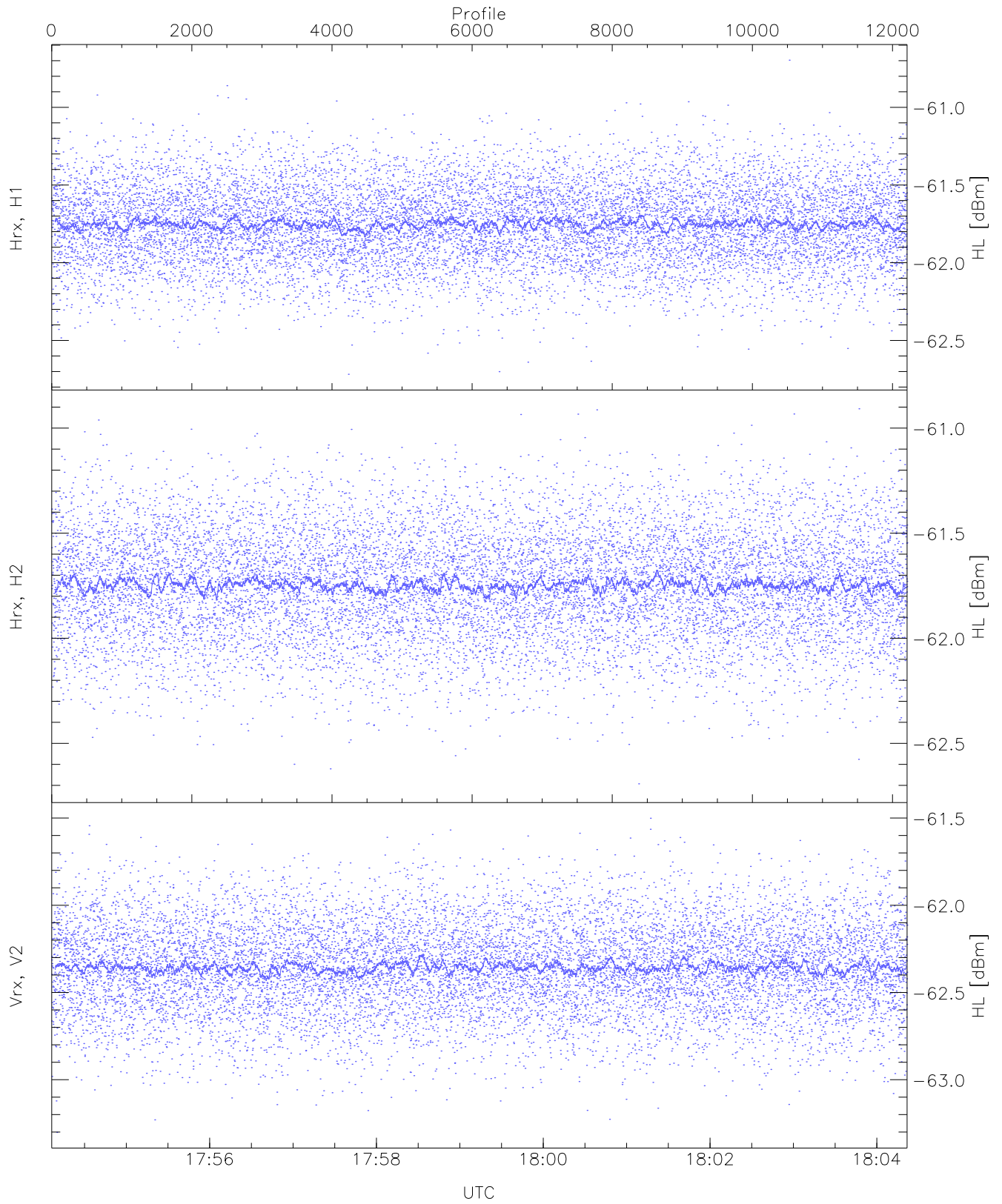
WCR2 CPP Receivers Gain and Noise Figure

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



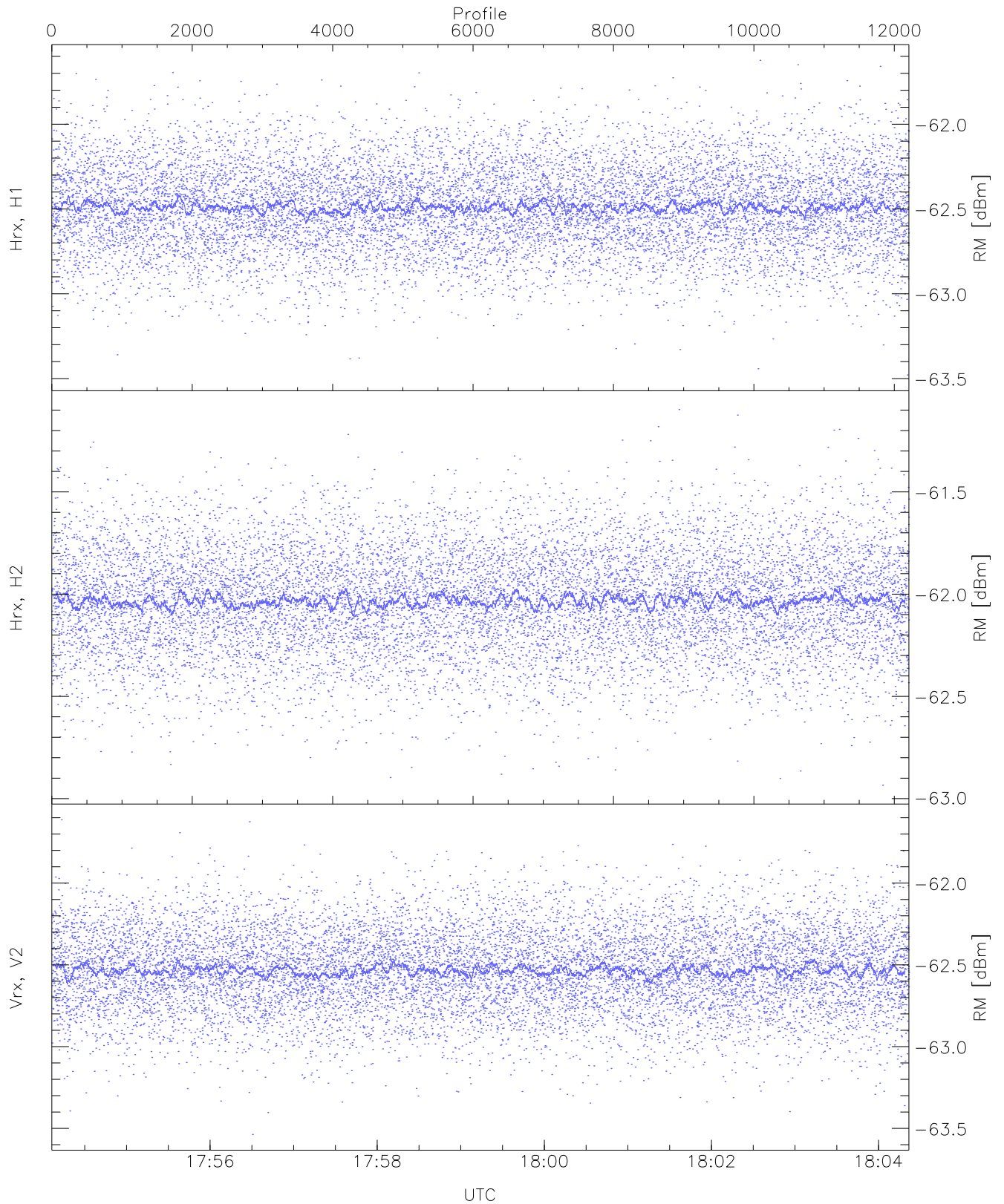
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.91	-61.12	-61.97	-61.97	-74.51
Hrx, H2 (WL [dBm])	-62.91	-61.09	-61.97	-61.97	-74.55
Vrx, V2 (WL [dBm])	-63.57	-61.64	-62.56	-62.57	-75.05



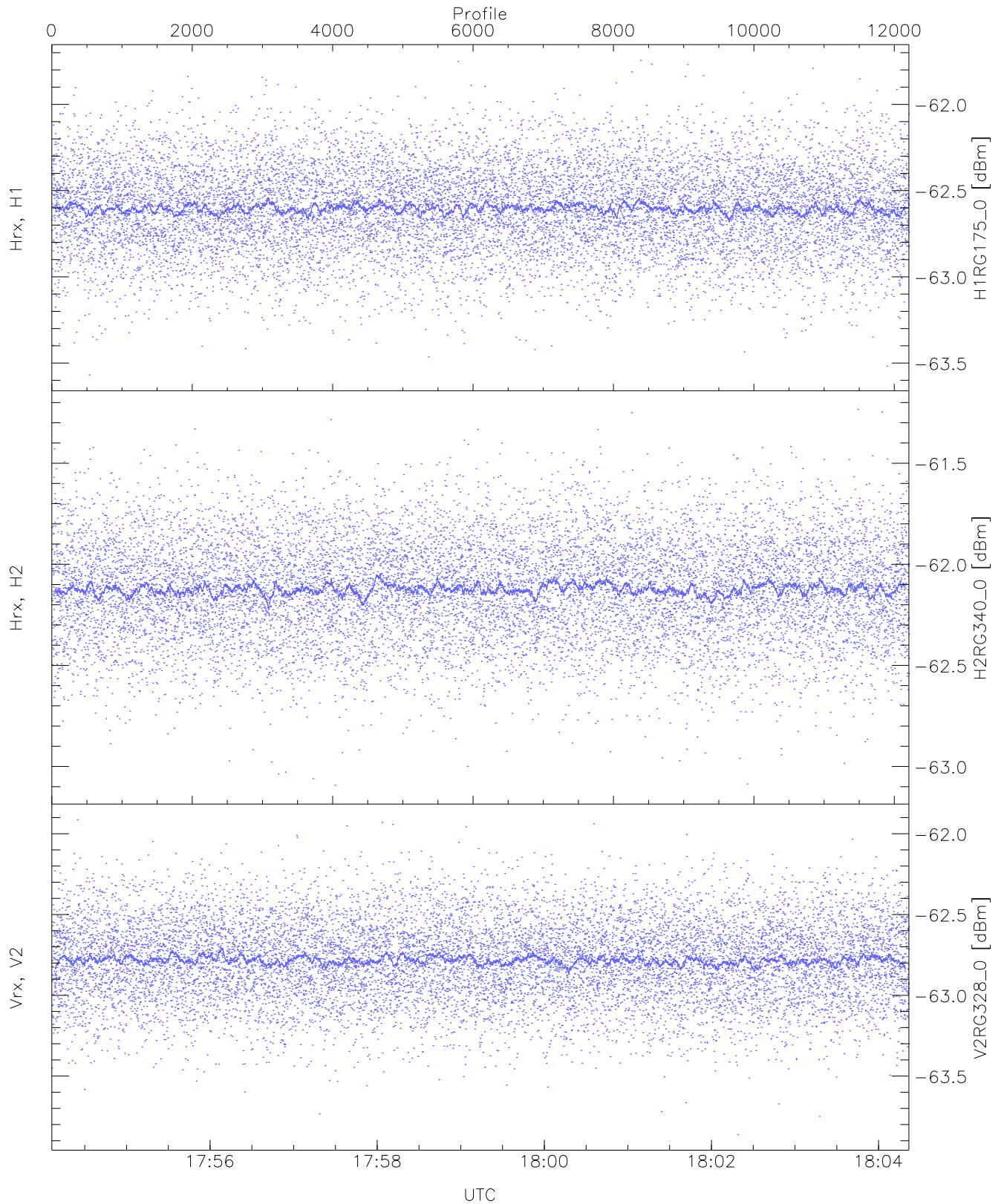
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.72	-60.70	-61.75	-61.75	-74.33
Hrx, H2 (HL [dBm])	-62.69	-60.91	-61.74	-61.75	-74.28
Vrx, V2 (HL [dBm])	-63.30	-61.50	-62.35	-62.36	-74.88



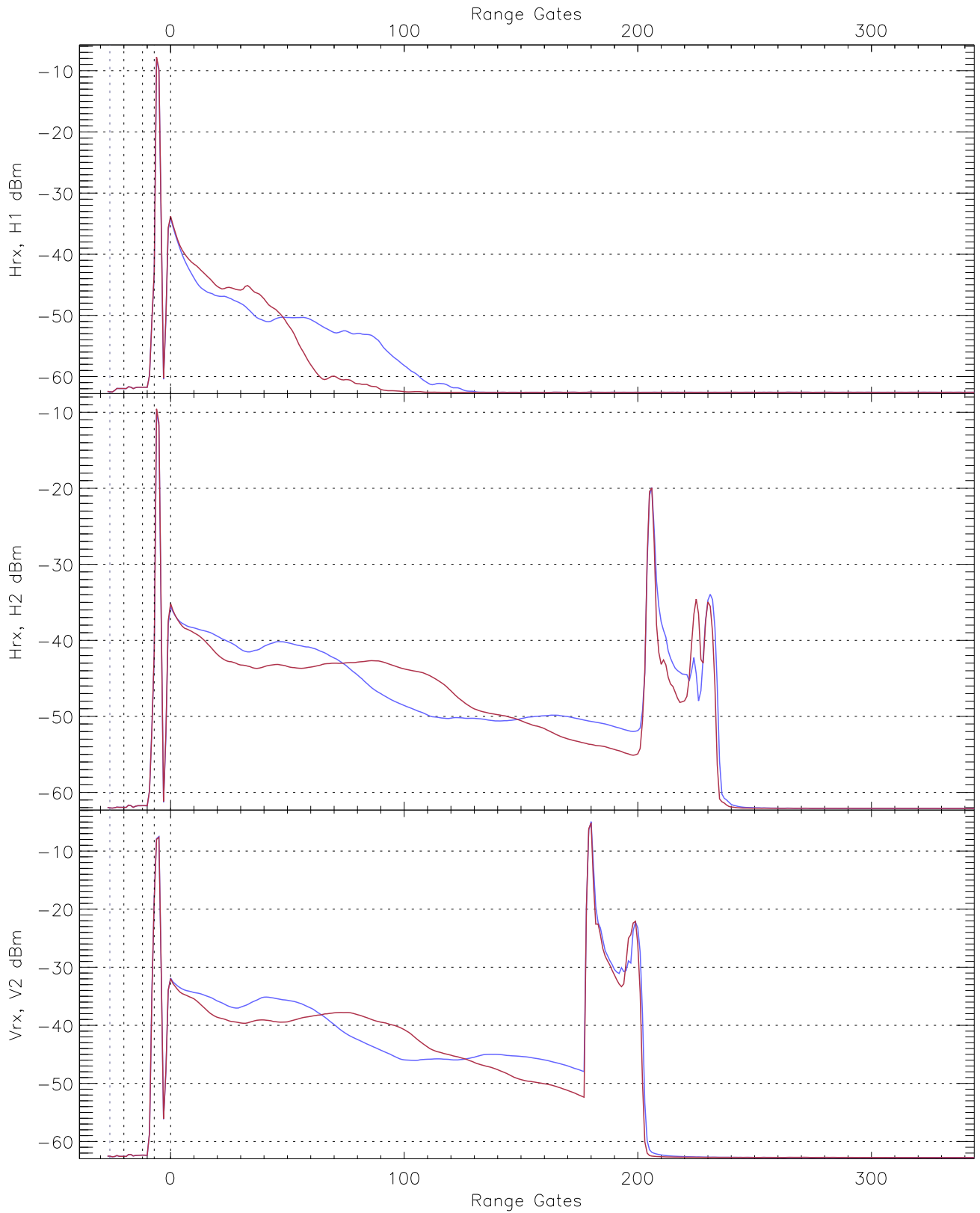
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.48	-61.62	-62.49	-62.49	-75.05
Hrx, H2 (RM [dBm])	-62.93	-61.10	-62.03	-62.03	-74.60
Vrx, V2 (RM [dBm])	-63.54	-61.61	-62.53	-62.53	-75.12

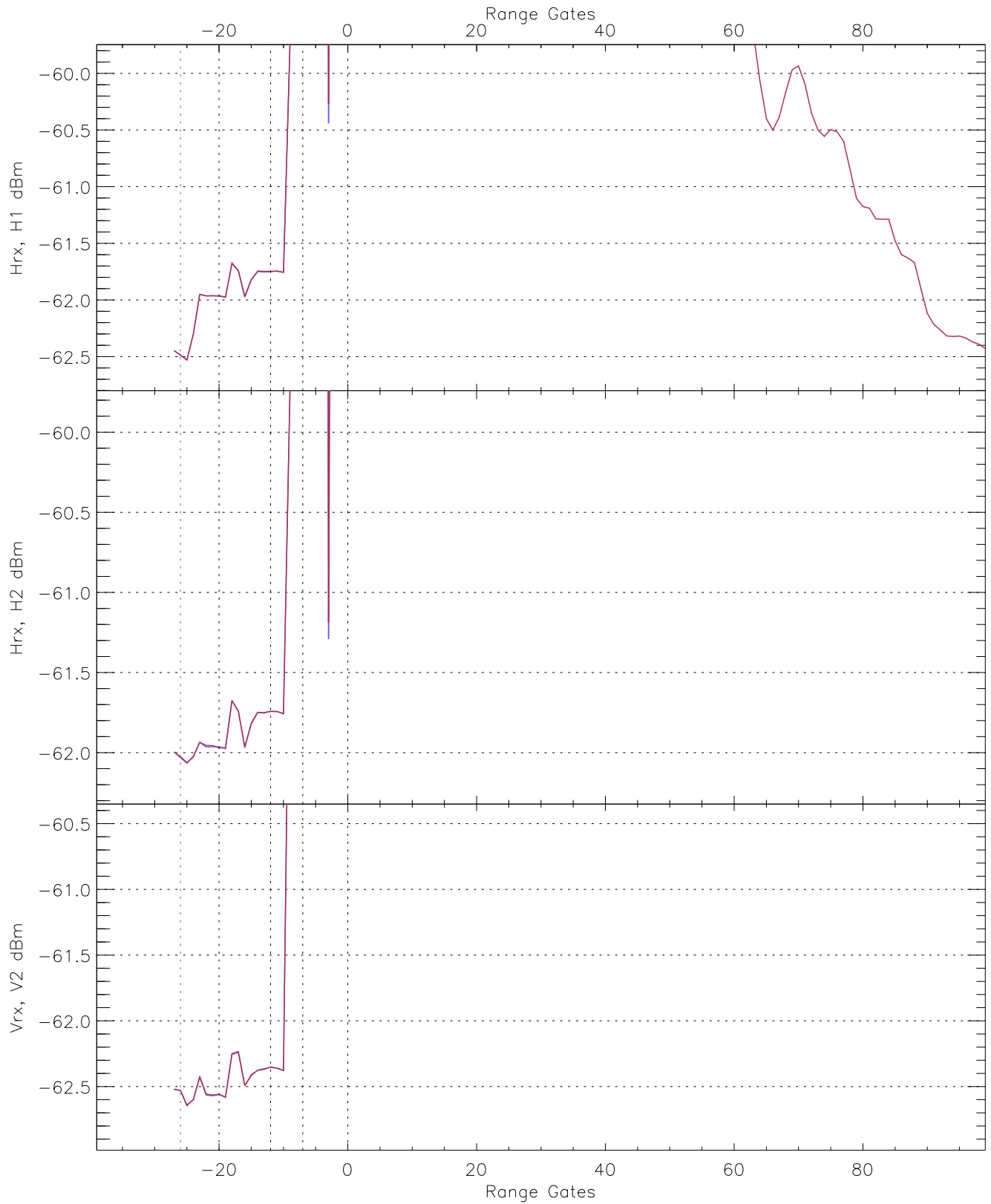


WCR2 CPP "Best" estimate Receivers Noise Power

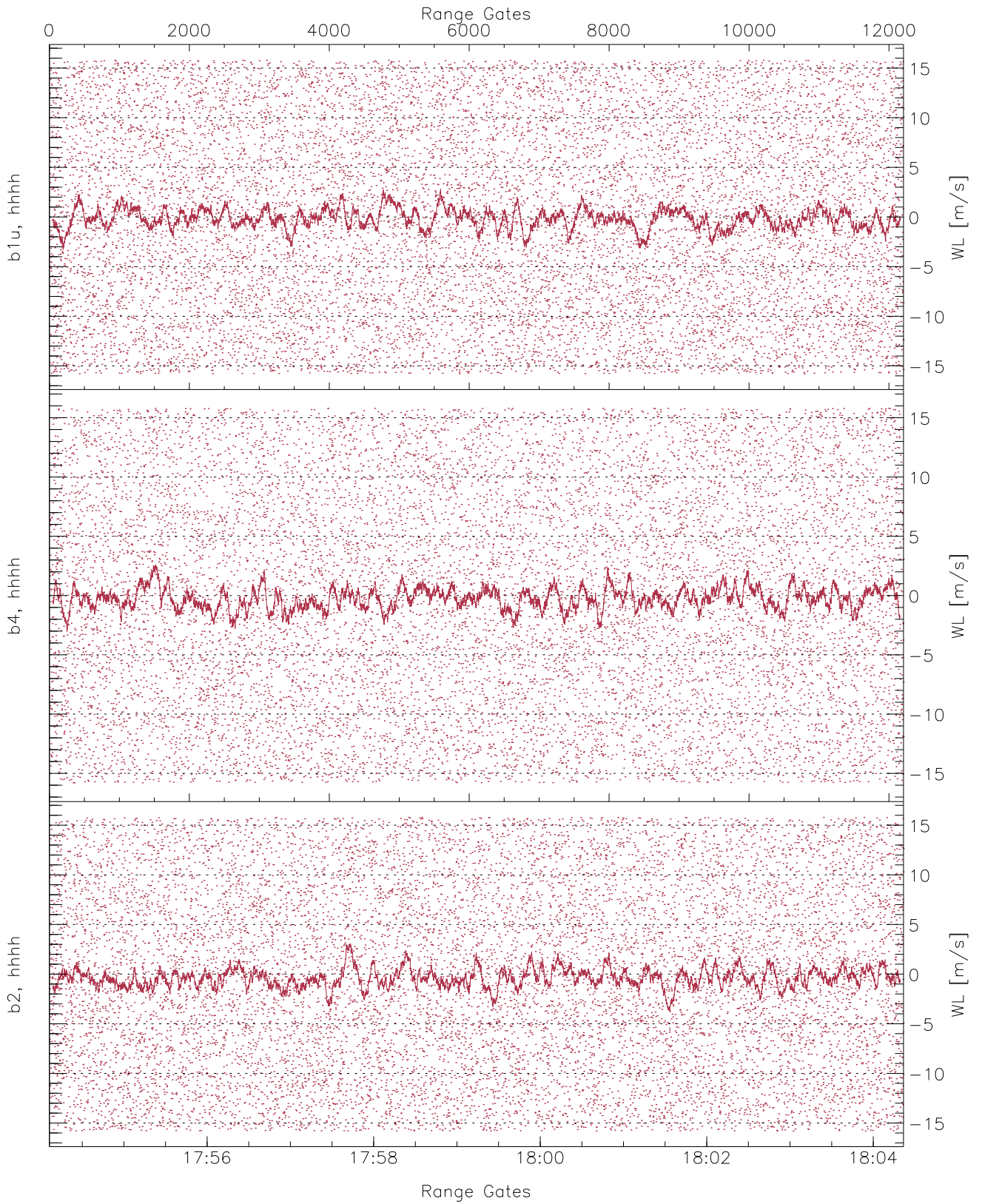
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.57	-61.74	-62.60	-62.60	-75.18
H2RG340_0 [dBm]	-63.09	-61.23	-62.12	-62.12	-74.69
V2RG328_0 [dBm]	-63.86	-61.91	-62.78	-62.78	-75.35



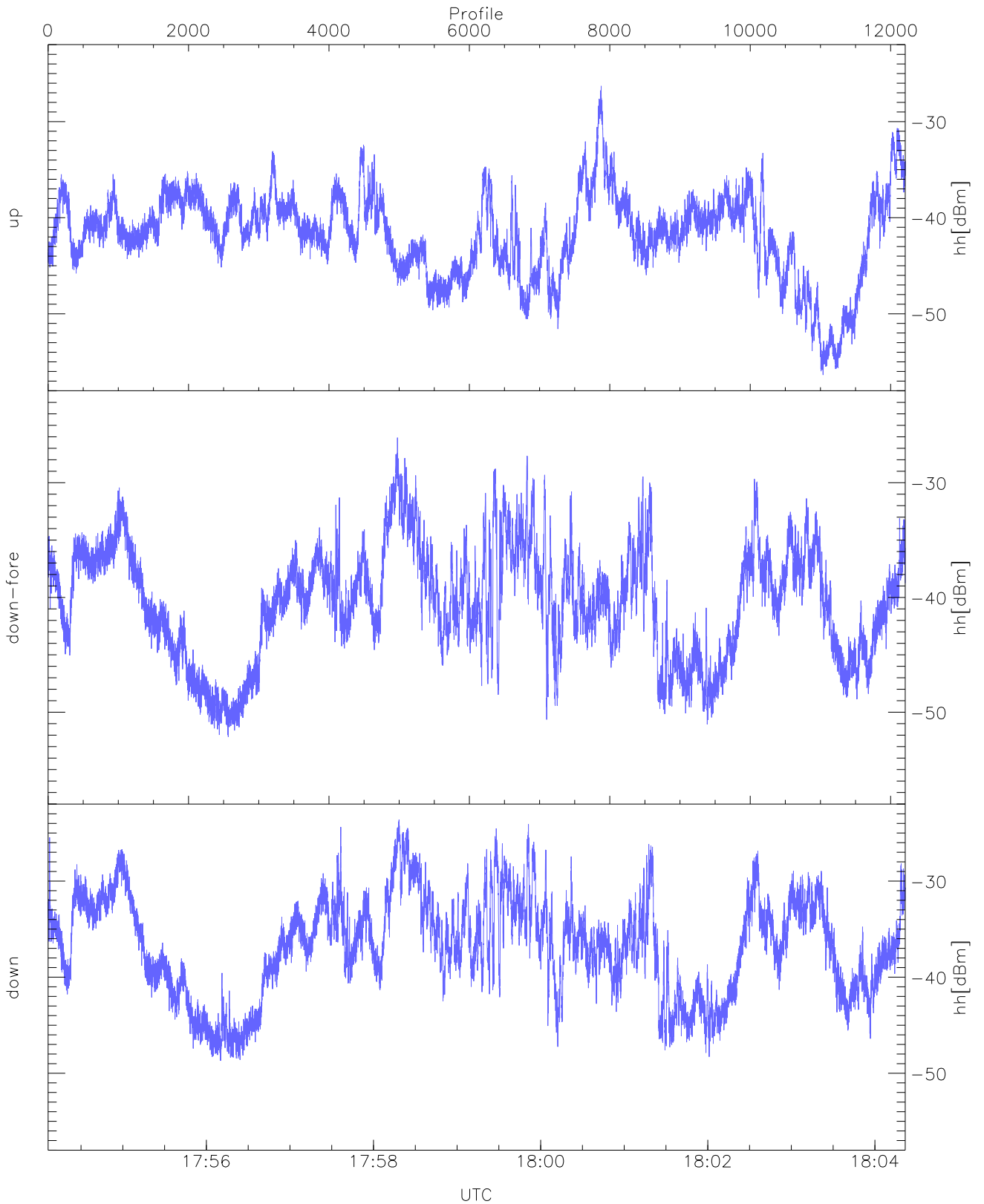
WCR2 CPP Averaged Received power for all recorded gates
blue: 175406-175914, 6105 profiles averaged
red: 175914-180422, 6105 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 175406-175914, 6105 profiles averaged
red: 175914-180422, 6105 profiles averaged

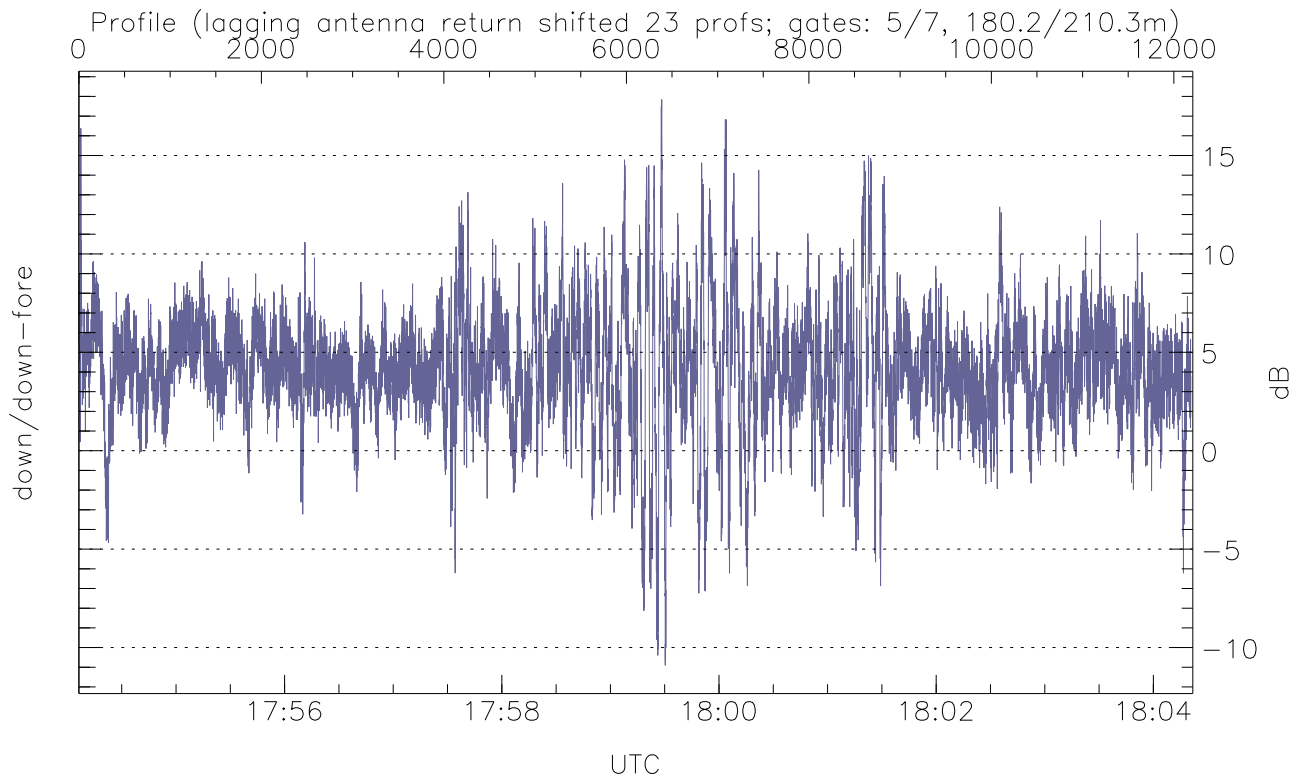
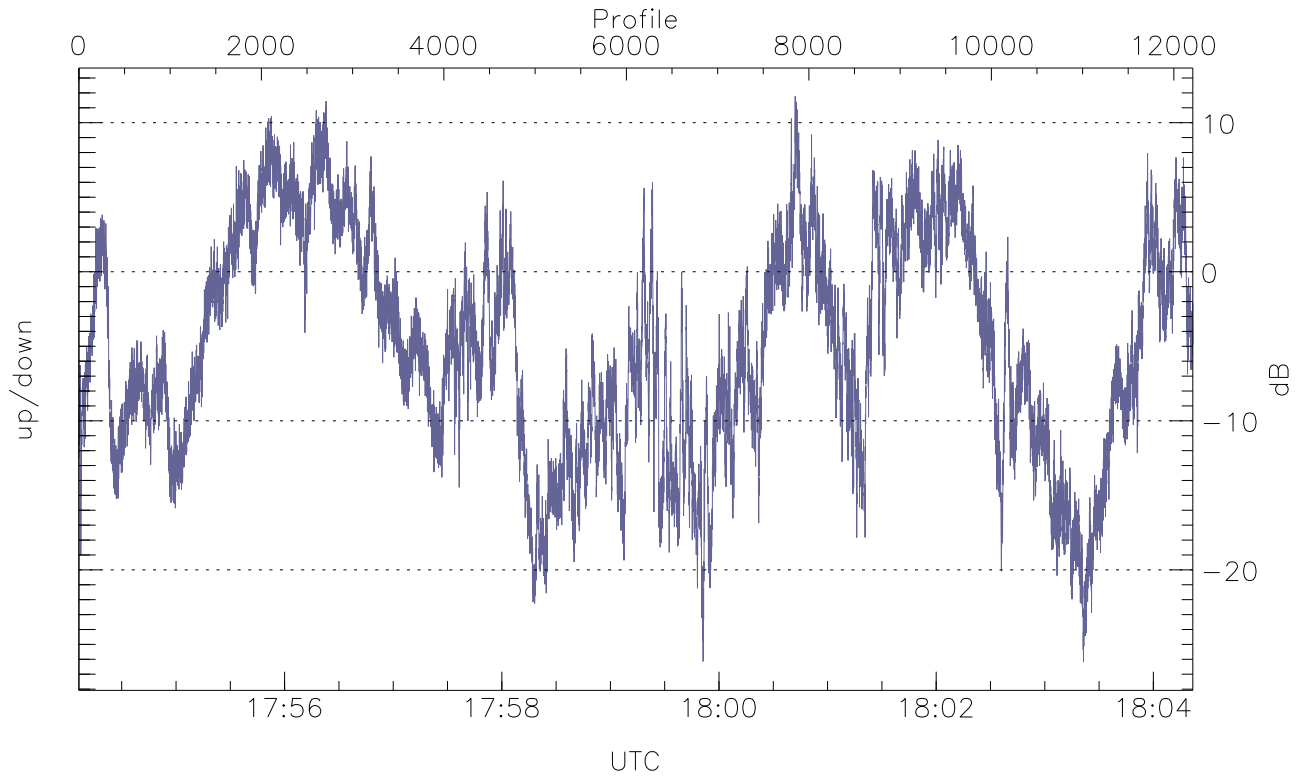


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



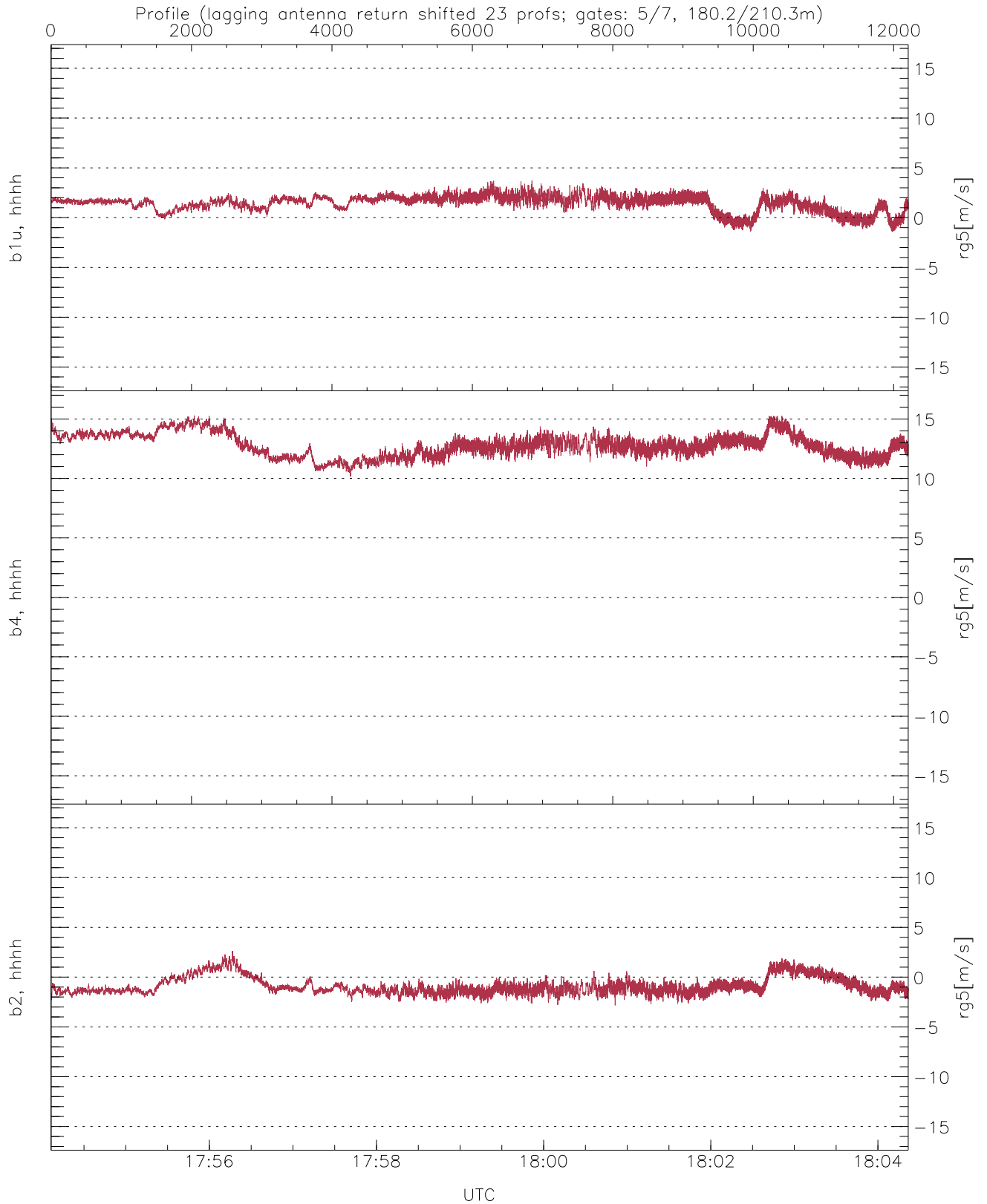
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-56.37	-26.29	-39.70
down-fore(hh[dBm])	-52.15	-26.07	-37.94
down(hh[dBm])	-48.70	-23.62	-34.12



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

	Min	Max	Mean
up/down (dB)	-26.18	11.77	-4.94
down/down-fore (dB)	-10.90	17.84	4.17



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-1.42	3.71	1.43	0.82
b4, hhhh(rg5[m/s])	10.19	15.29	12.77	0.99
b2, hhhh(rg5[m/s])	-2.83	2.63	-0.90	0.87