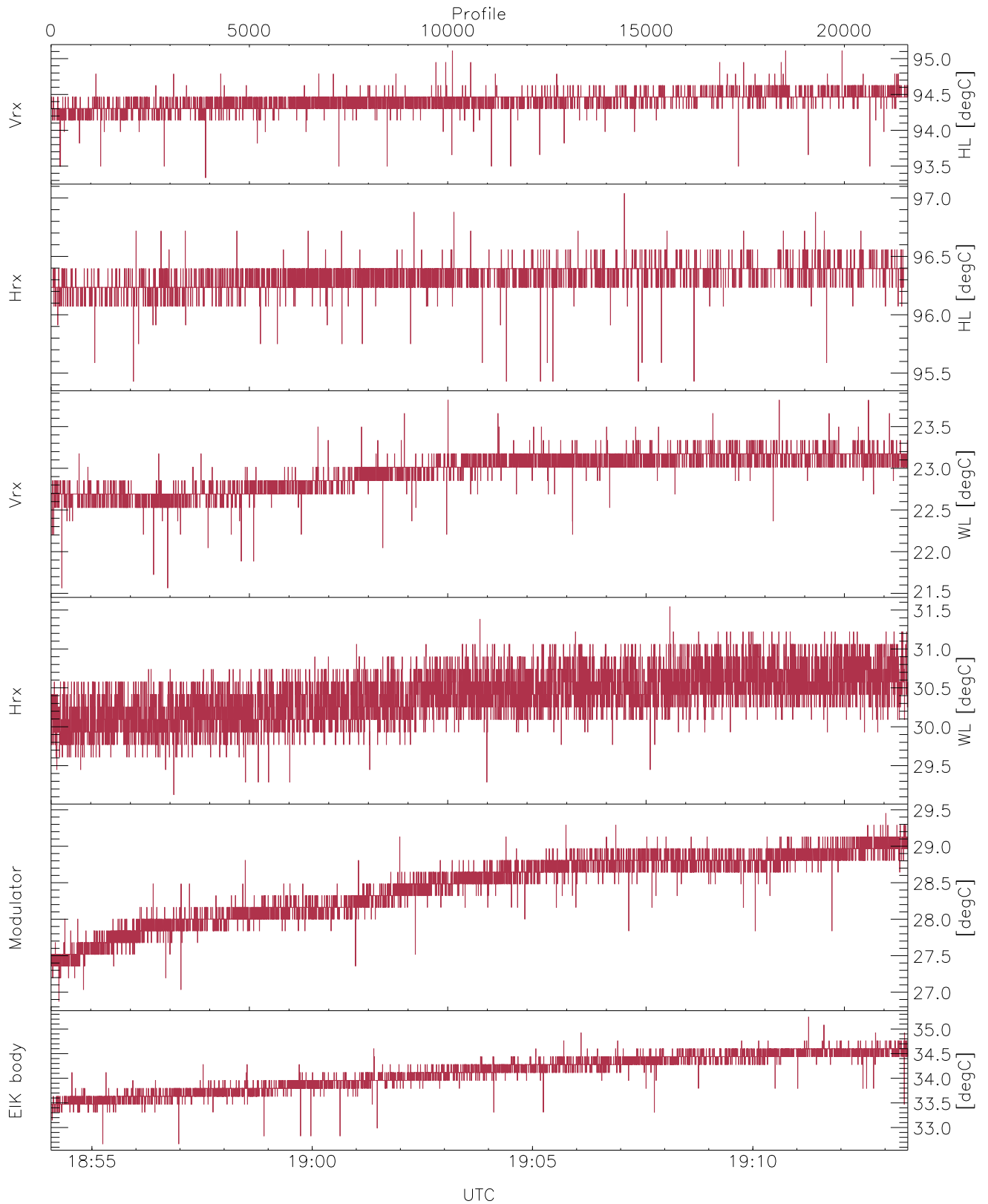


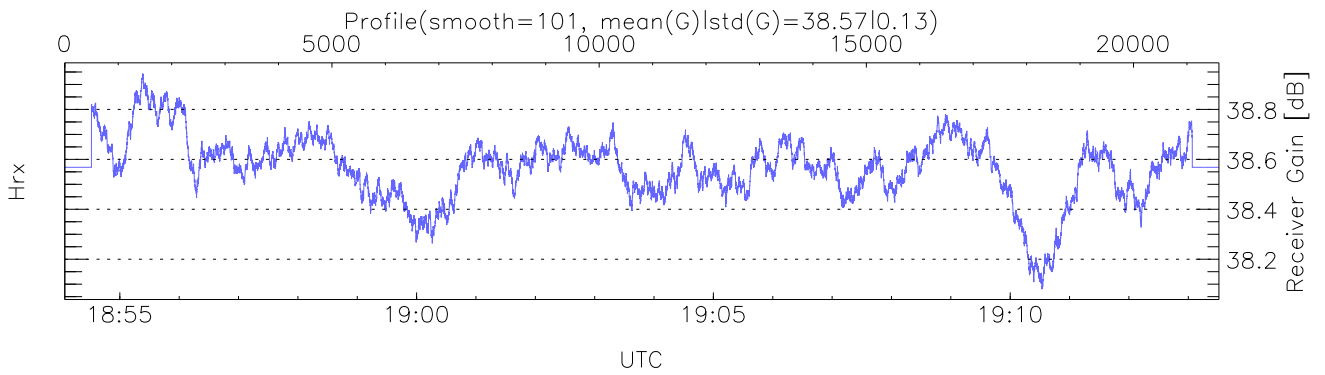
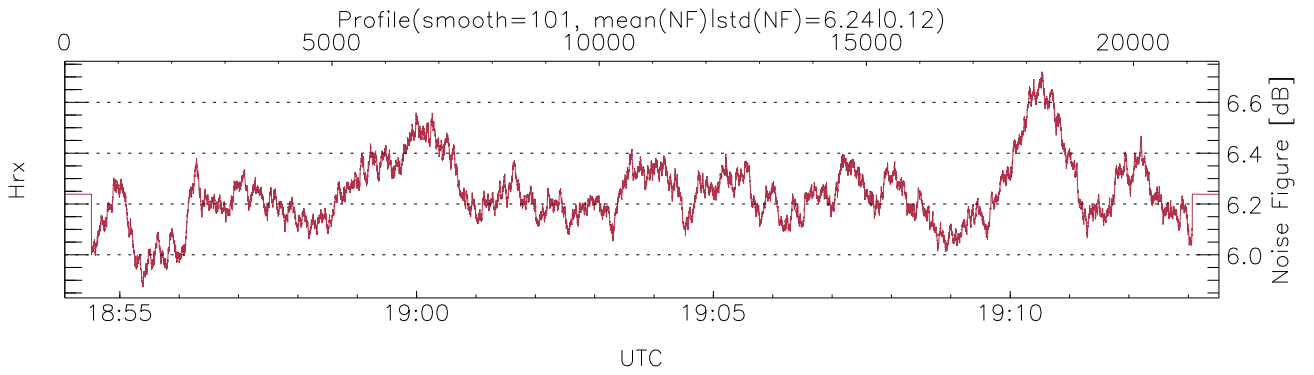
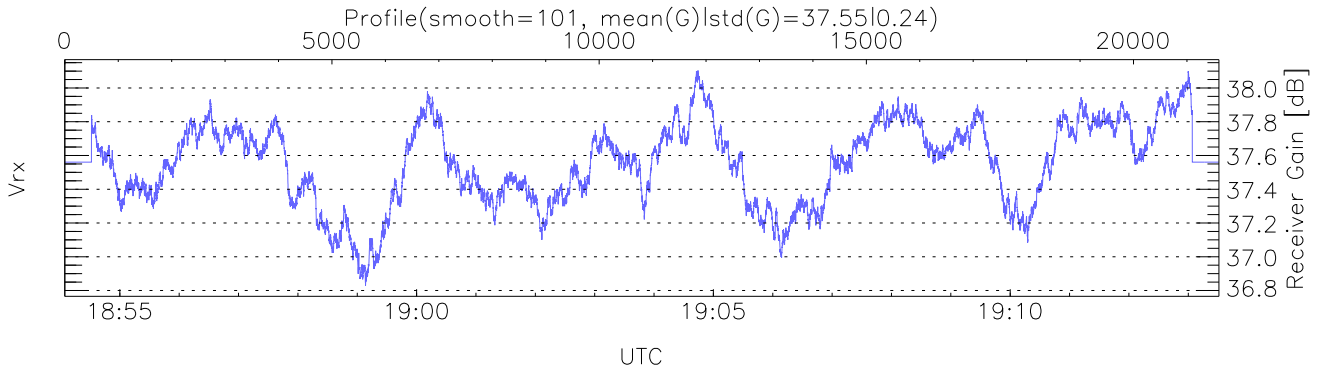
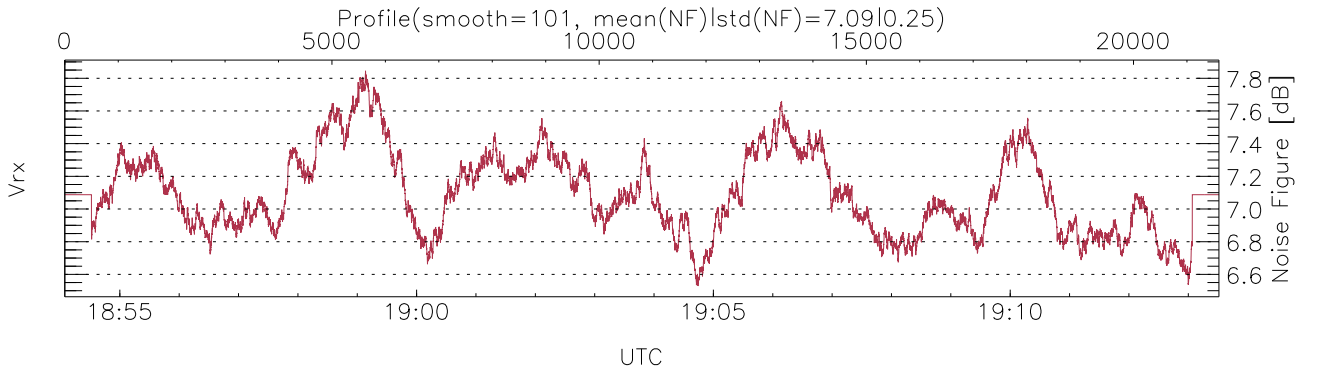
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:54:04-19:31:16, Dur: 2231.62s
 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): 21600/41317, 0-21599/18:54:04-19:13:31
 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



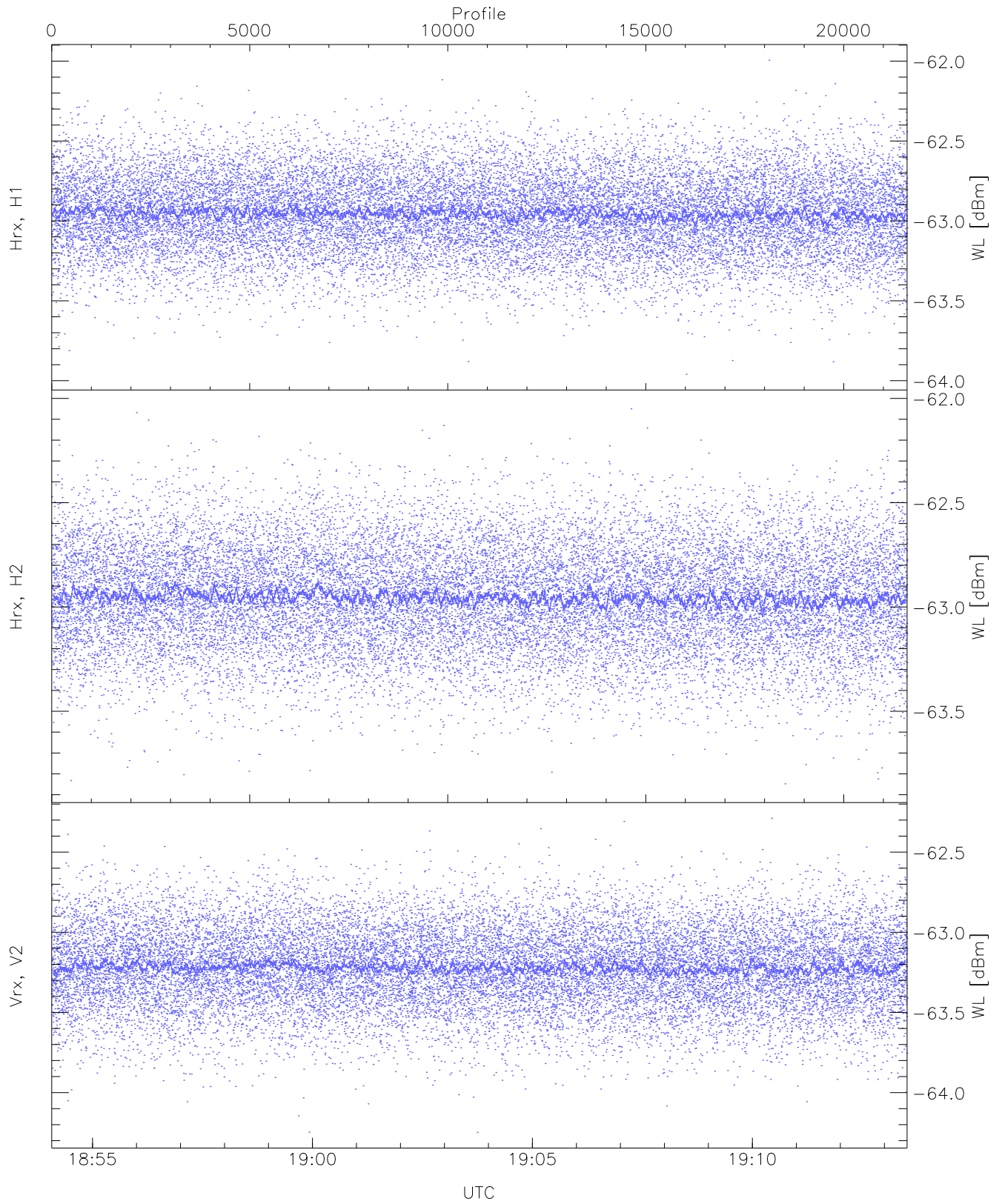
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,21,29,26,32
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 95,97,23,31,29,35
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT, CollT, BodyCurr, DeckF, OverDuty, HVPS (10,10,10,15,15,19)



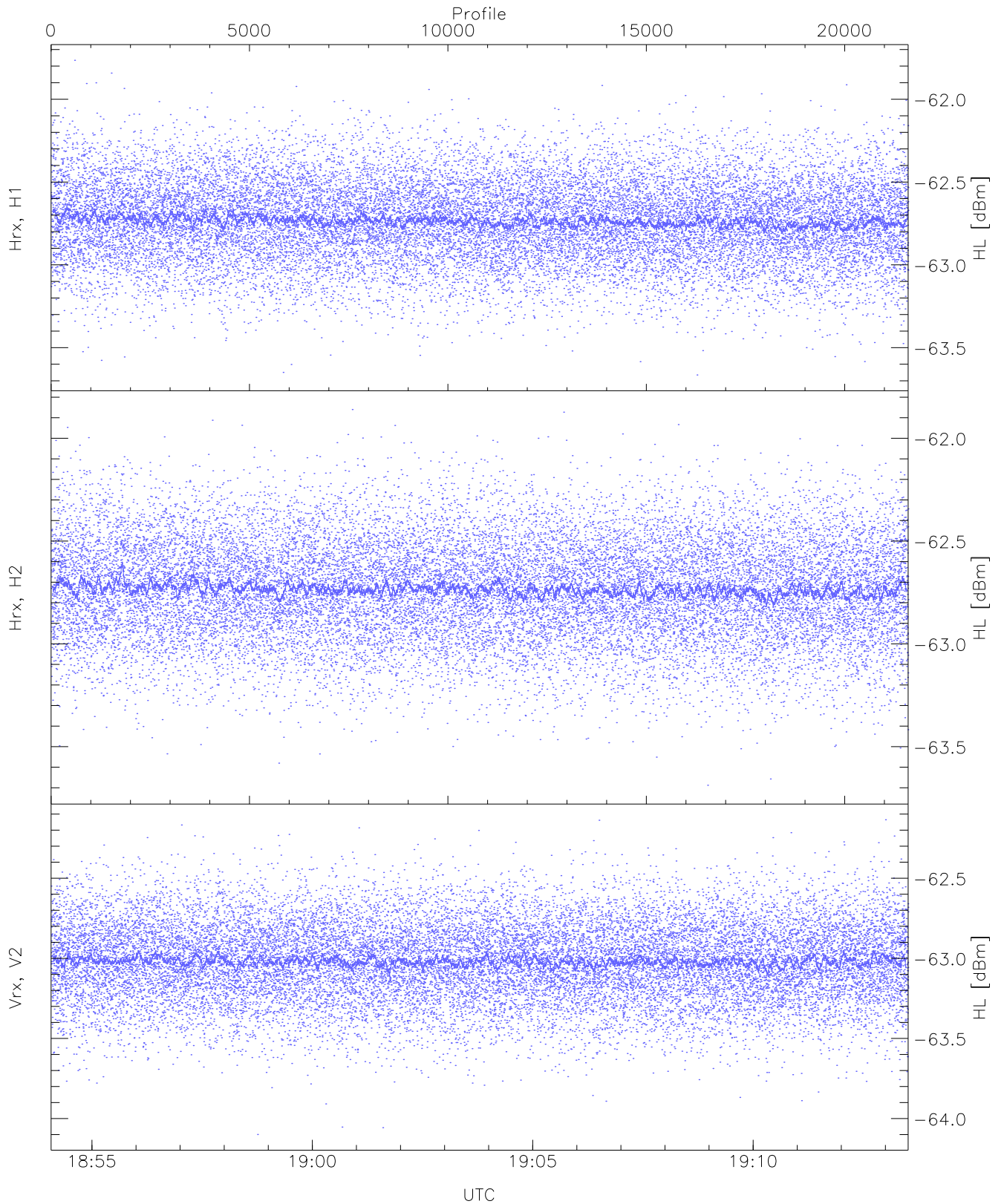
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3064 pixs, 57 gates, 2937 profs, 2 prods



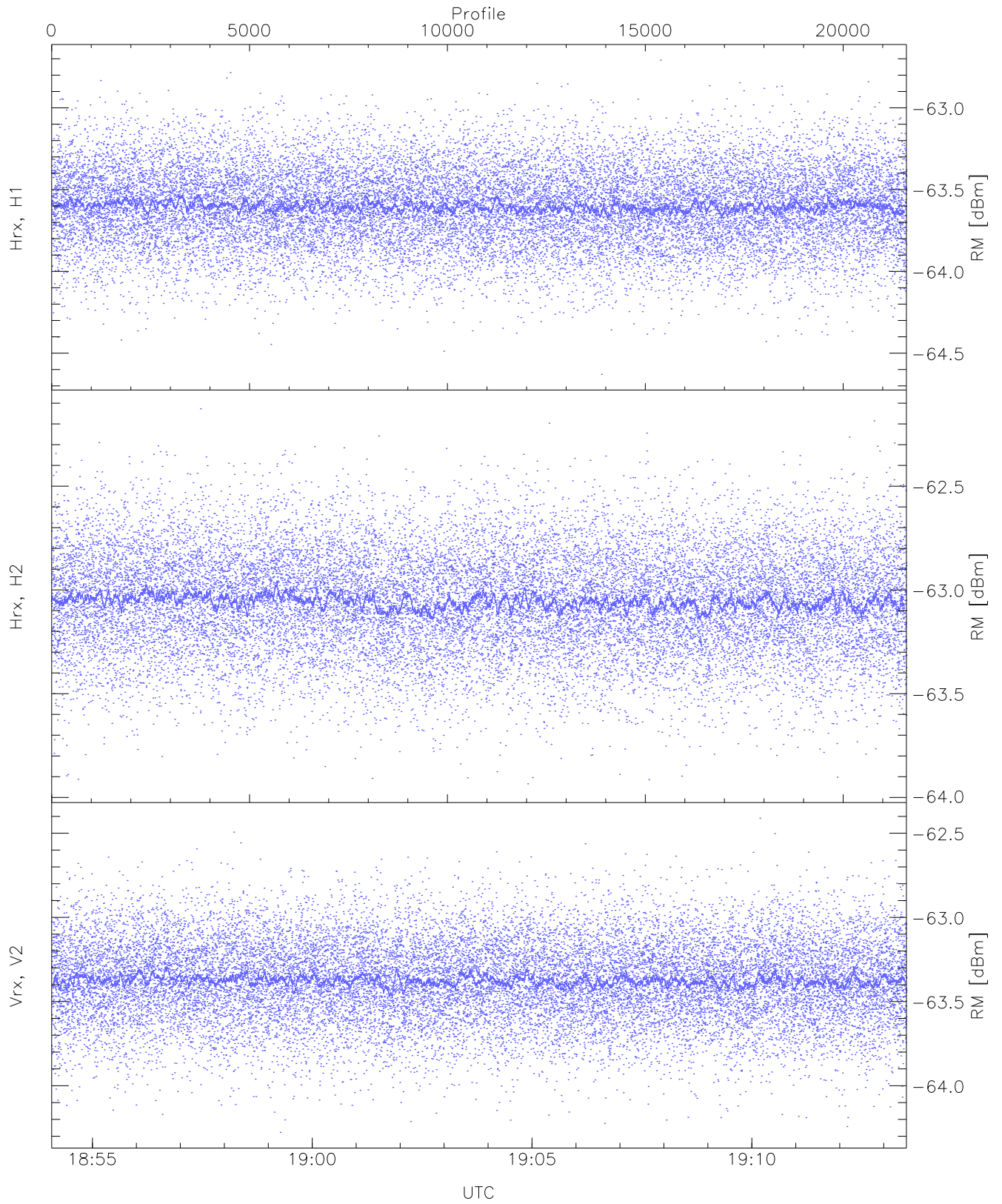
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.96	-61.99	-62.95	-62.96	-75.67
Hrx, H2 (WL [dBm])	-63.85	-62.05	-62.95	-62.96	-75.67
Vrx, V2 (WL [dBm])	-64.25	-62.29	-63.22	-63.22	-75.91



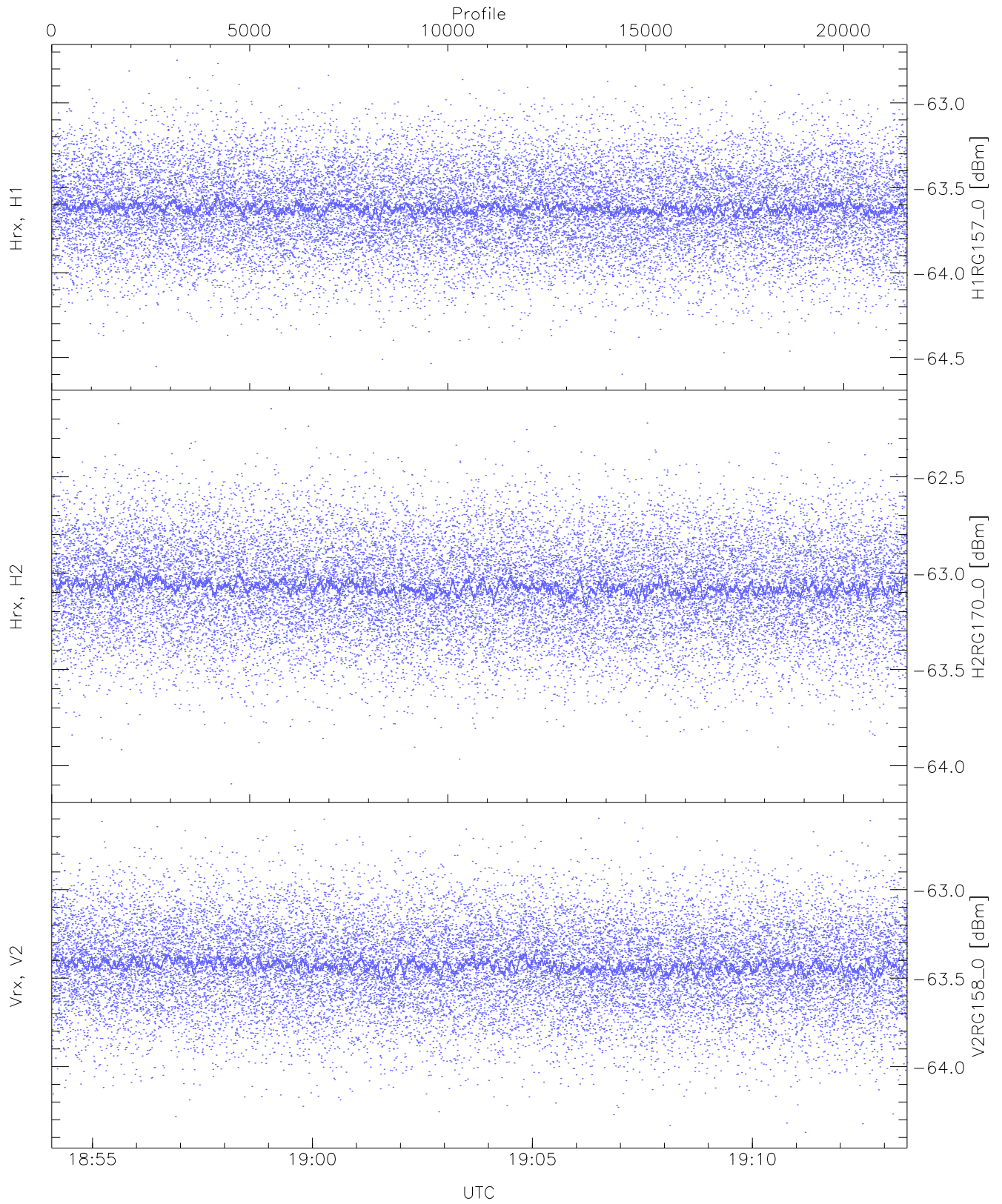
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.67	-61.76	-62.73	-62.73	-75.42
Hrx, H2 (HL [dBm])	-63.69	-61.86	-62.73	-62.73	-75.44
Vrx, V2 (HL [dBm])	-64.10	-62.14	-63.02	-63.02	-75.69



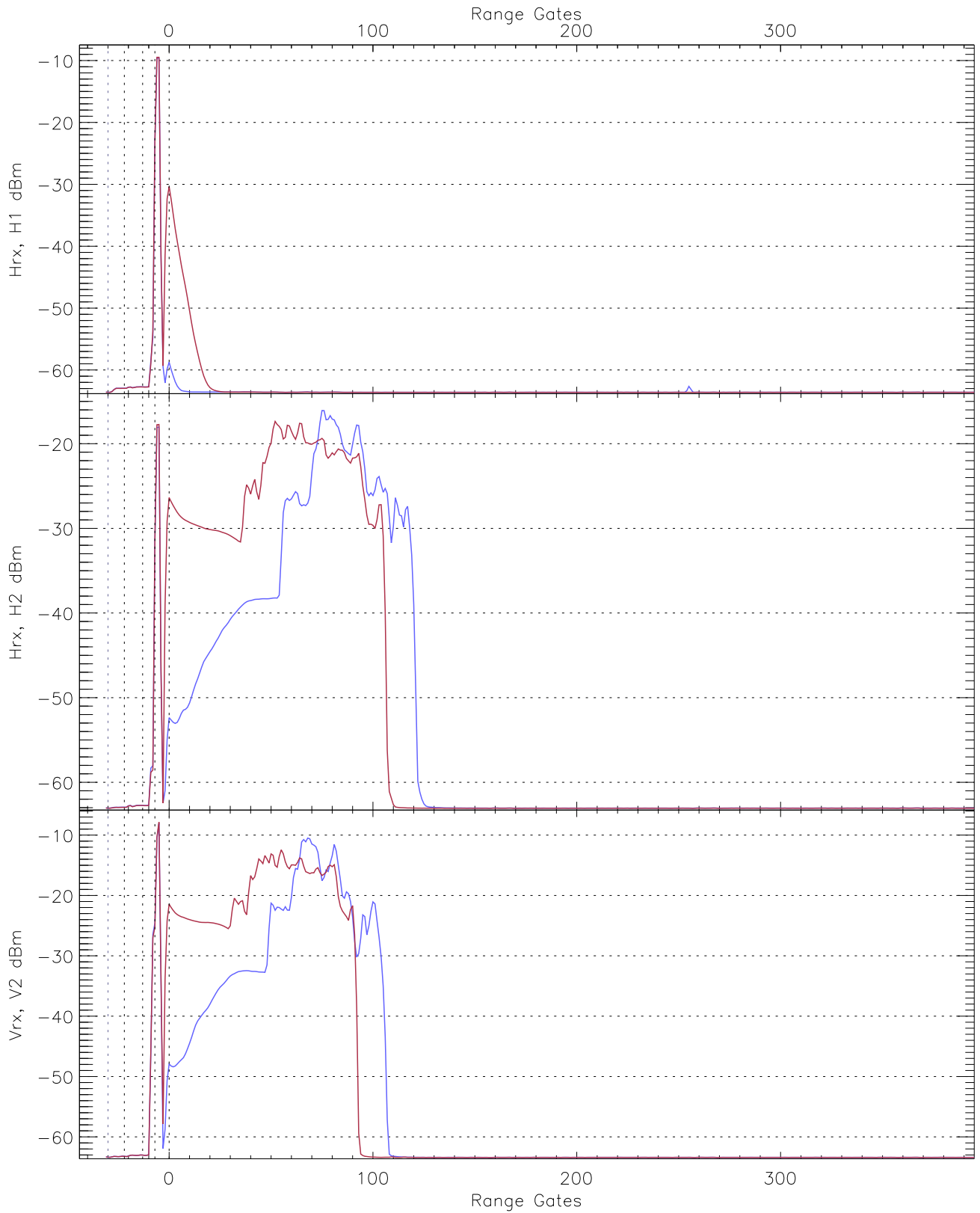
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.63	-62.71	-63.60	-63.60	-76.34
Hrx, H2 (RM [dBm])	-63.93	-62.13	-63.05	-63.05	-75.73
Vrx, V2 (RM [dBm])	-64.28	-62.41	-63.37	-63.38	-76.07

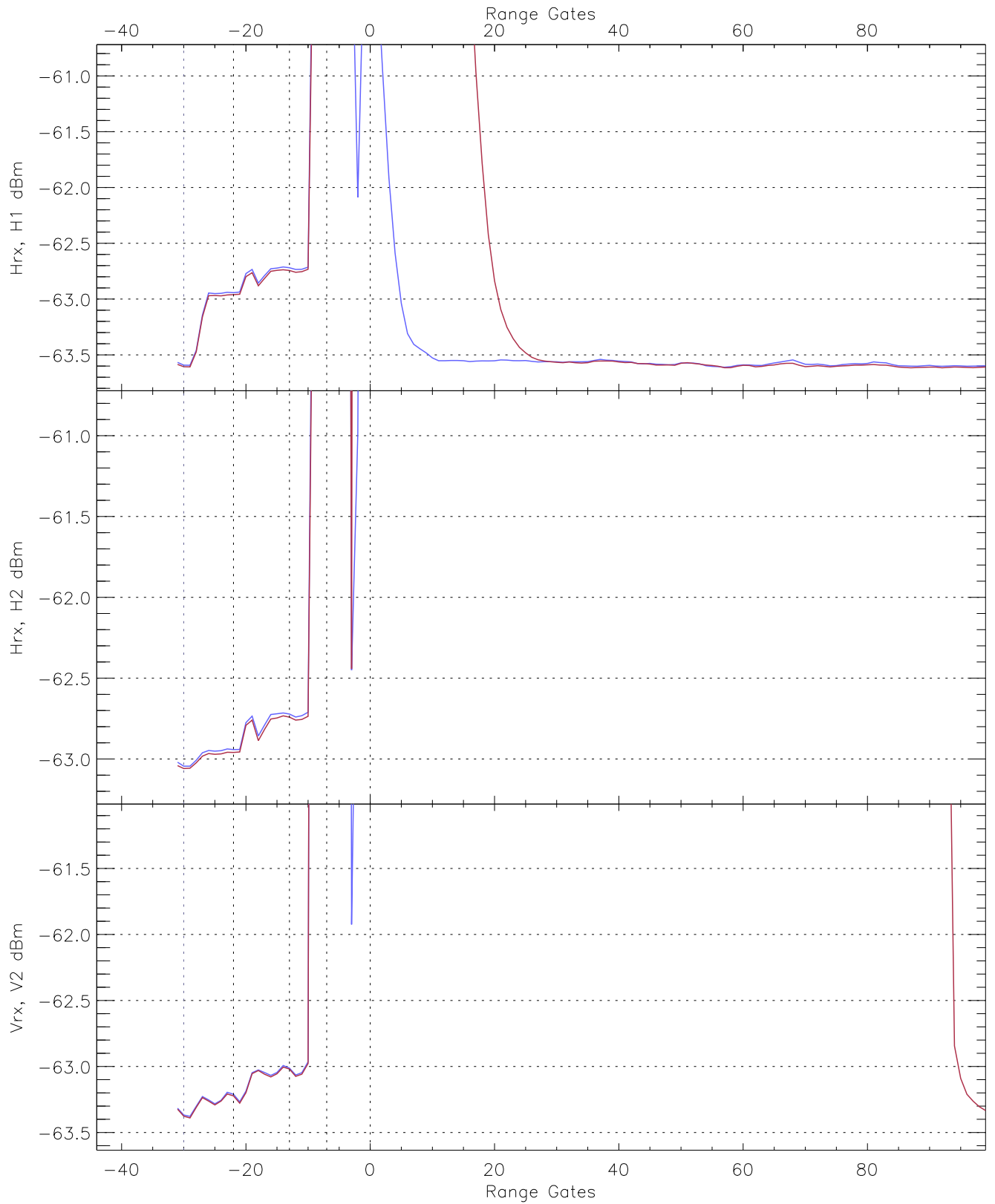


WCR2 CPP "Best" estimate Receivers Noise Power

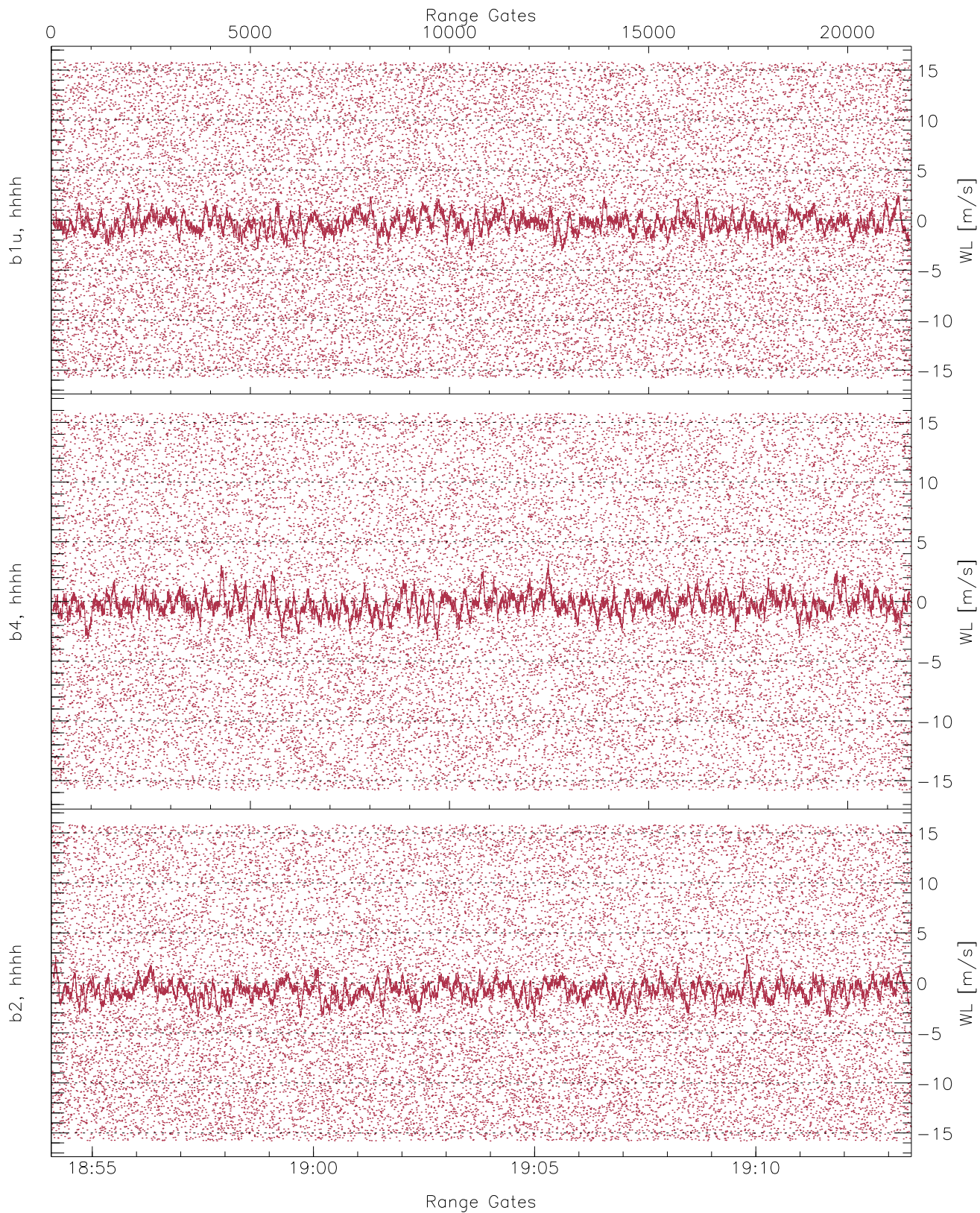
	Min	Max	Mean	Median	StDev
H1RG157_0 [dBm]	-64.60	-62.75	-63.62	-63.62	-76.30
H2RG170_0 [dBm]	-64.09	-62.15	-63.07	-63.07	-75.72
V2RG158_0 [dBm]	-64.37	-62.60	-63.43	-63.43	-76.09



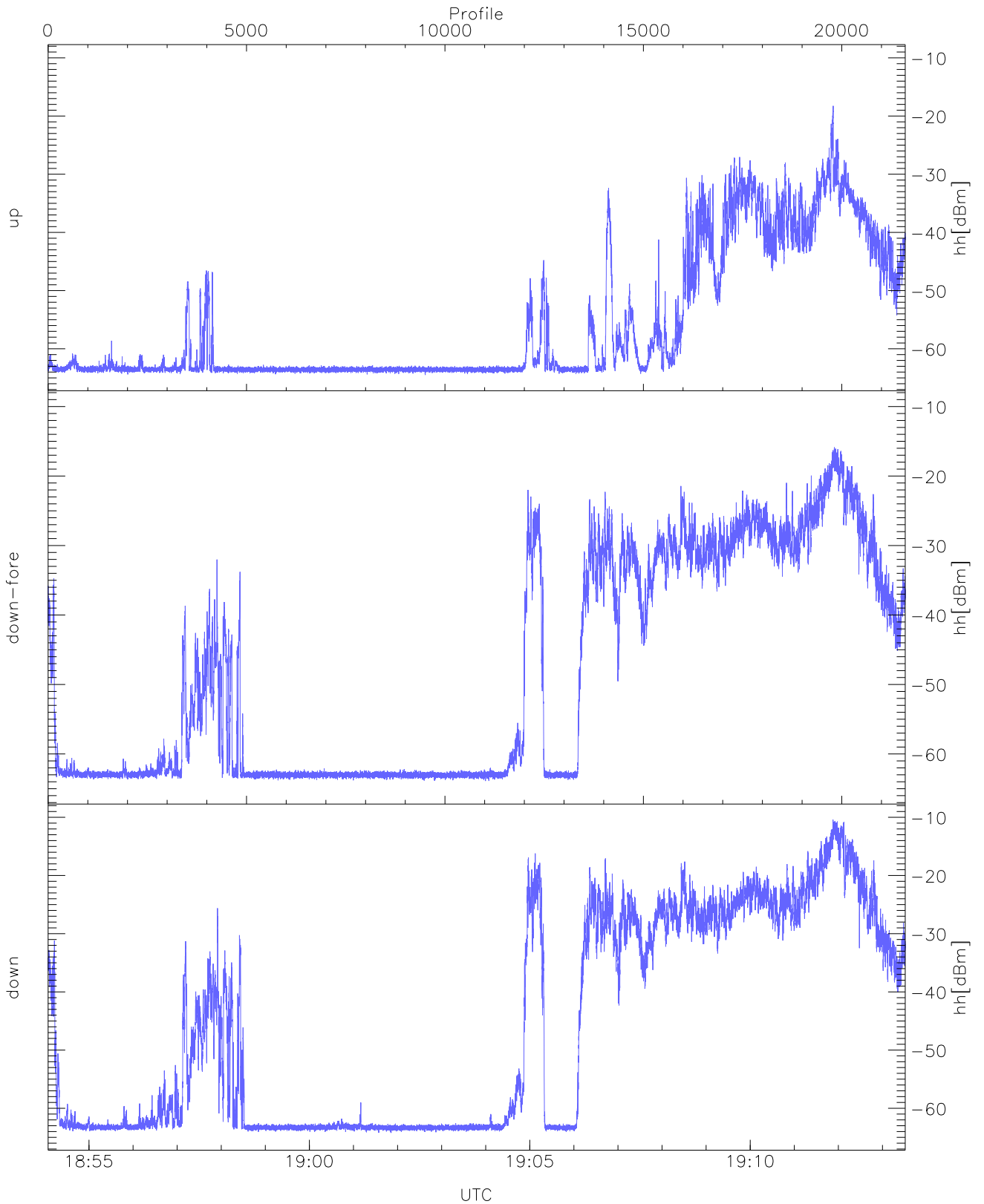
WCR2 CPP Averaged Received power for all recorded gates
blue: 185404-190348, 10801 profiles averaged
red: 190348-191331, 10800 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 185404-190348, 10801 profiles averaged
red: 190348-191331, 10800 profiles averaged

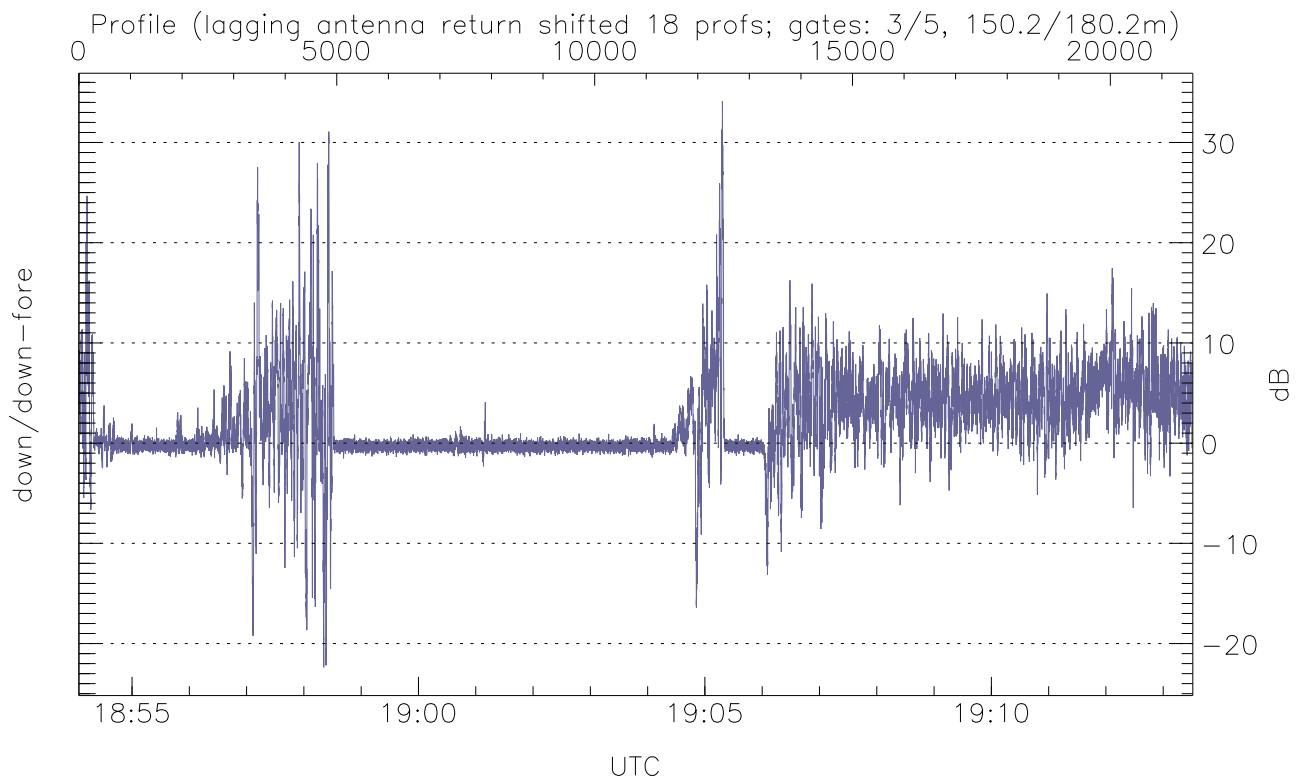
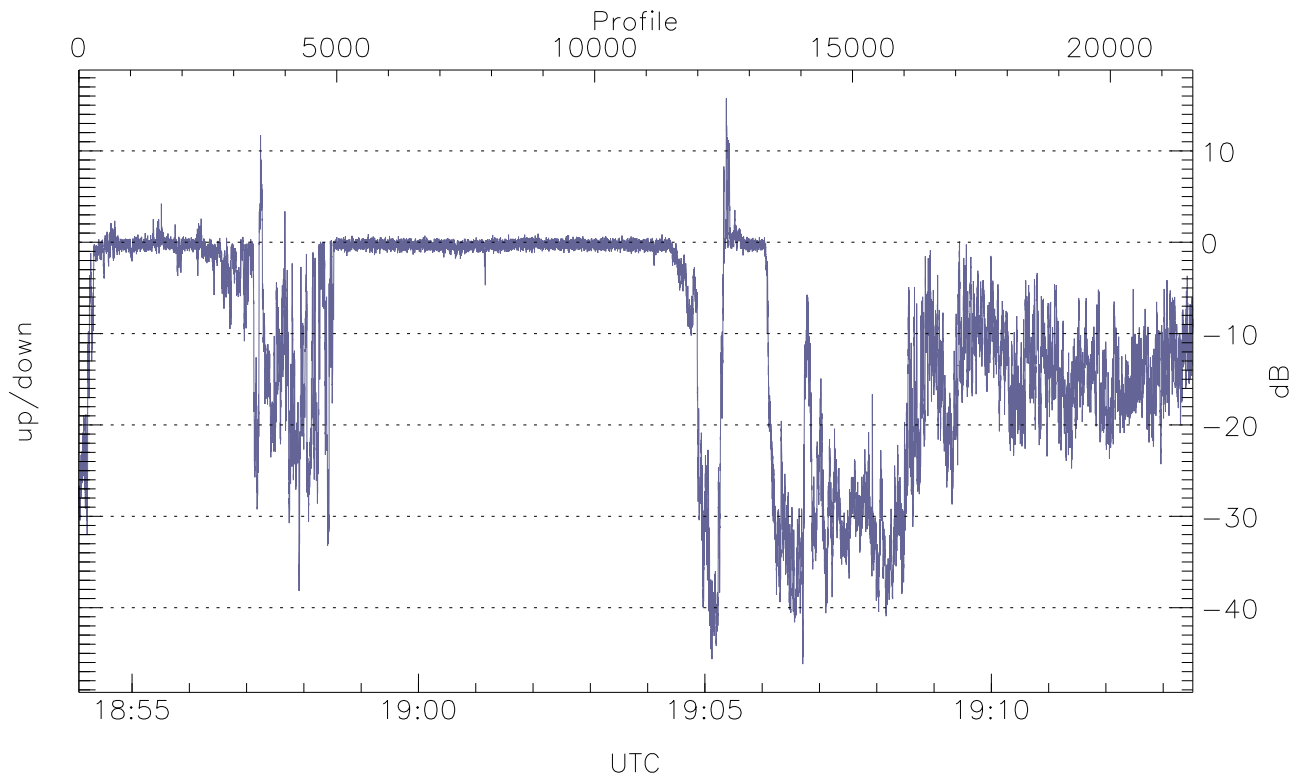


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



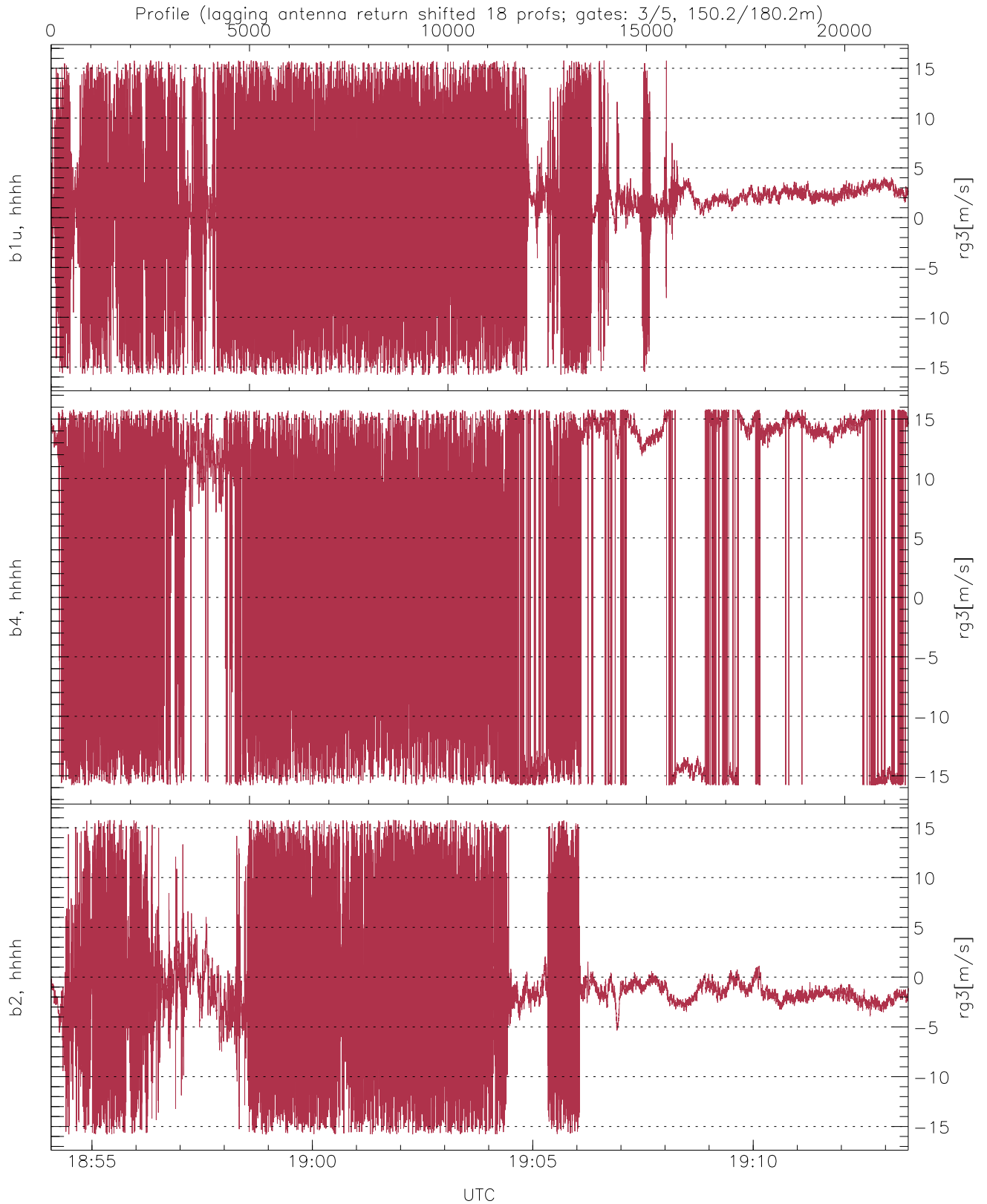
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.50	-18.26	-40.20
down-fore(hh[dBm])	-63.89	-15.86	-30.72
down(hh[dBm])	-64.22	-10.42	-25.88



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

	Min	Max	Mean
up/down (dB)	-46.17	15.75	-9.65
down/down-fore (dB)	-22.37	34.09	2.19



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.79	0.69	6.69
b4, hhhh(rg3[m/s])	-15.80	15.80	3.53	11.69
b2, hhhh(rg3[m/s])	-15.80	15.79	-1.17	5.76