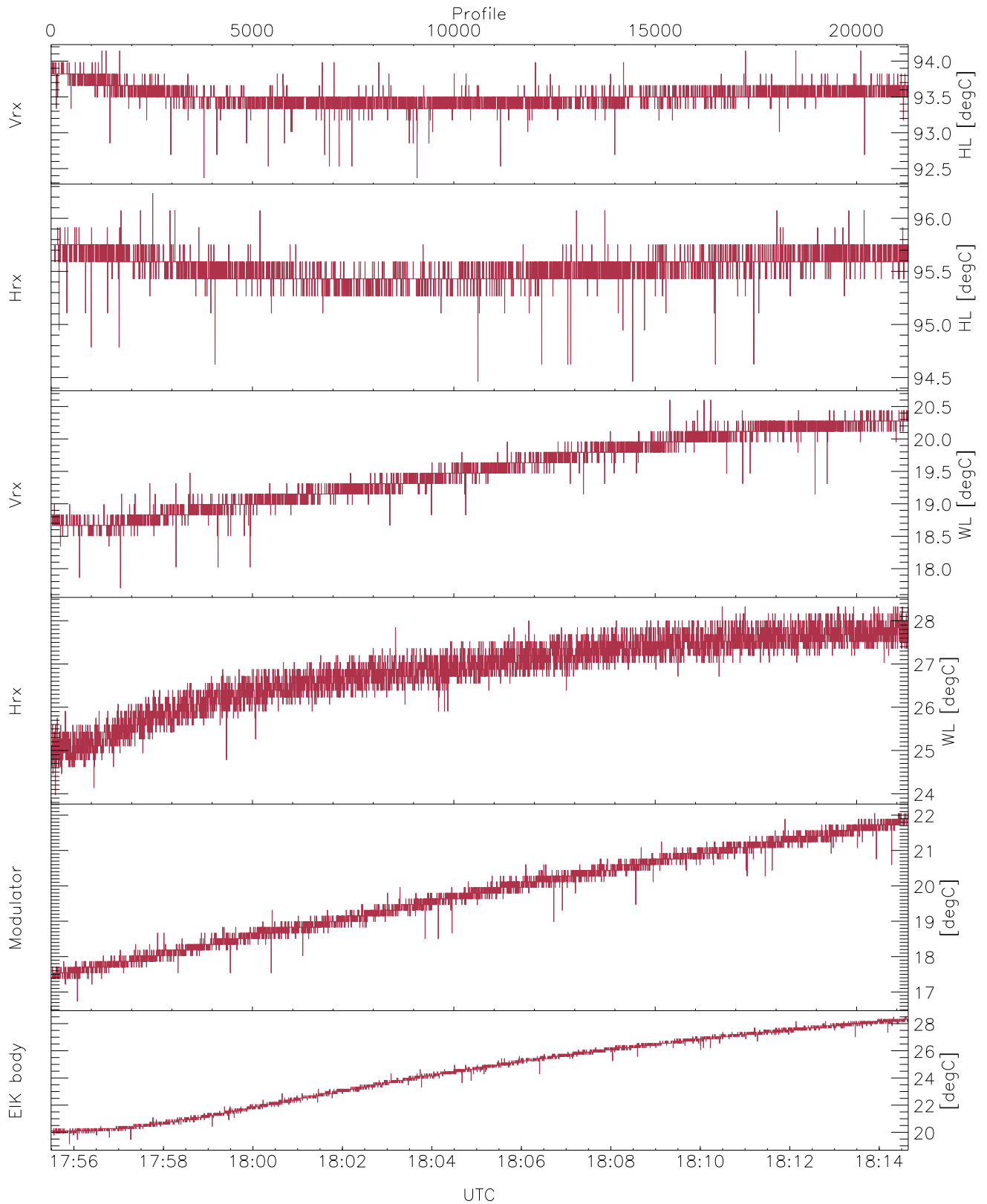


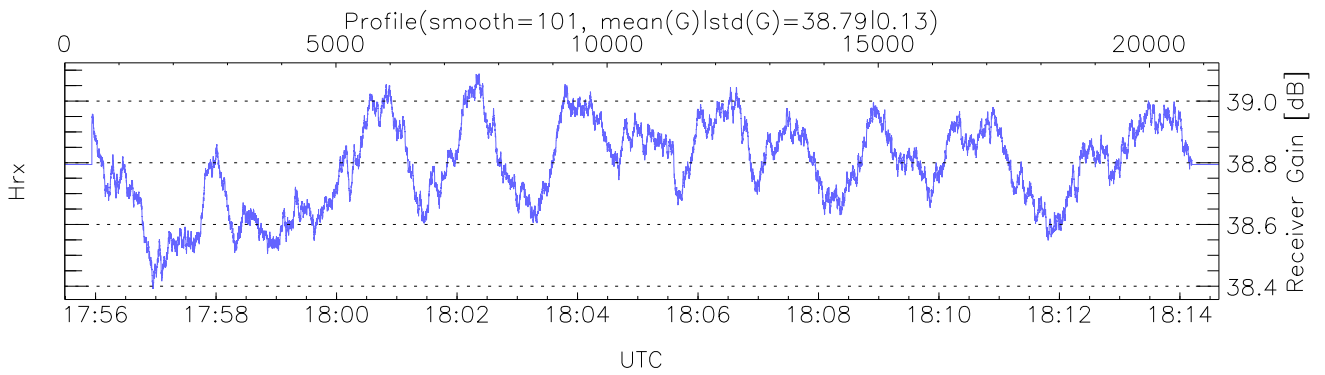
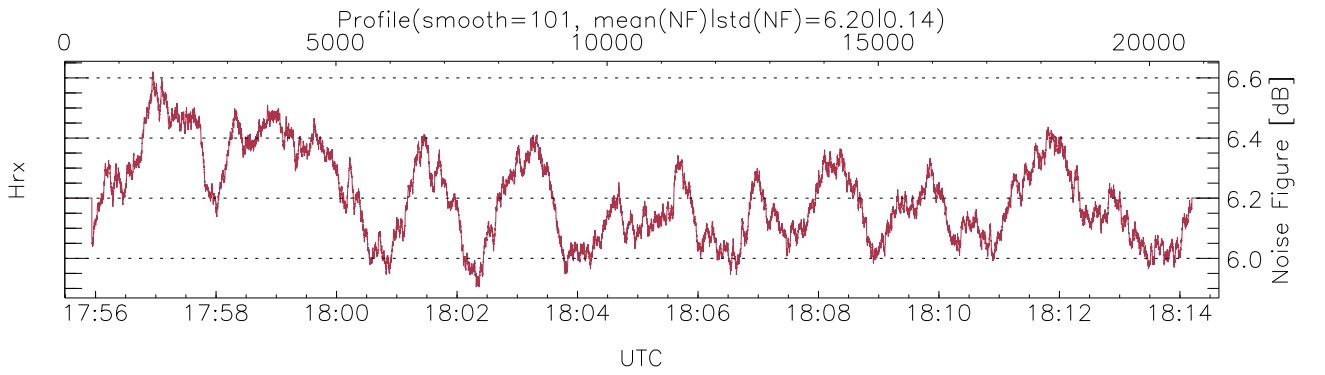
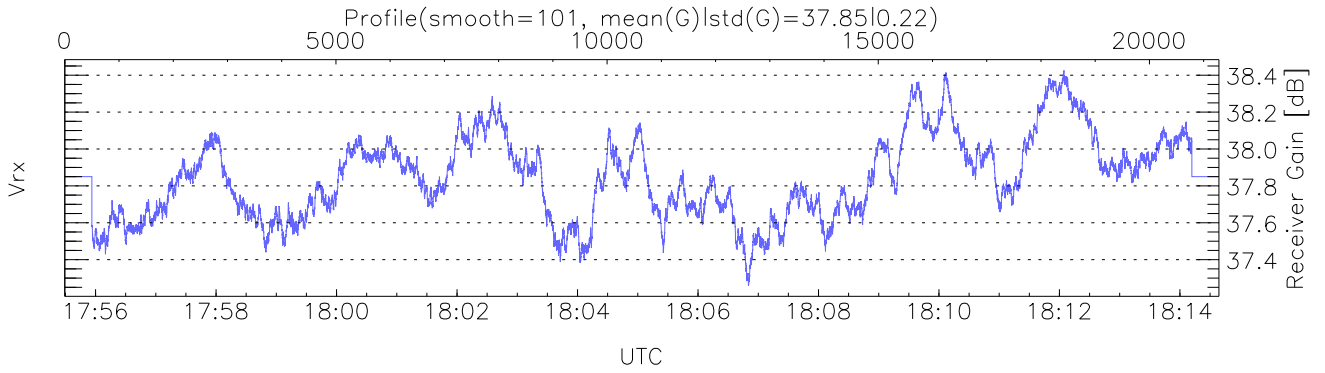
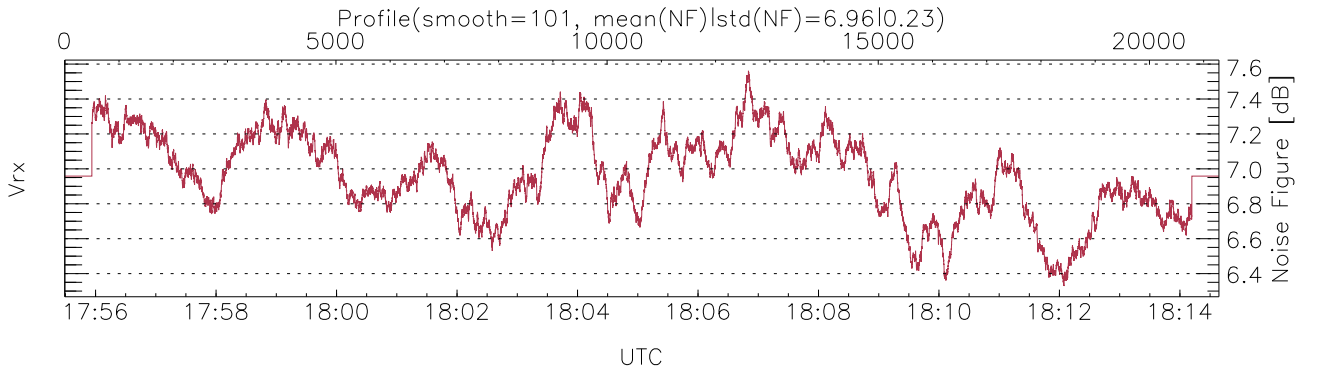
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:55:29-18:14:39, Dur: 1149.52s
 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): 21283/21283, 0-21282/17:55:29-18:14:39
 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(-910112,3,9x = no mirror|sideluperror): 91



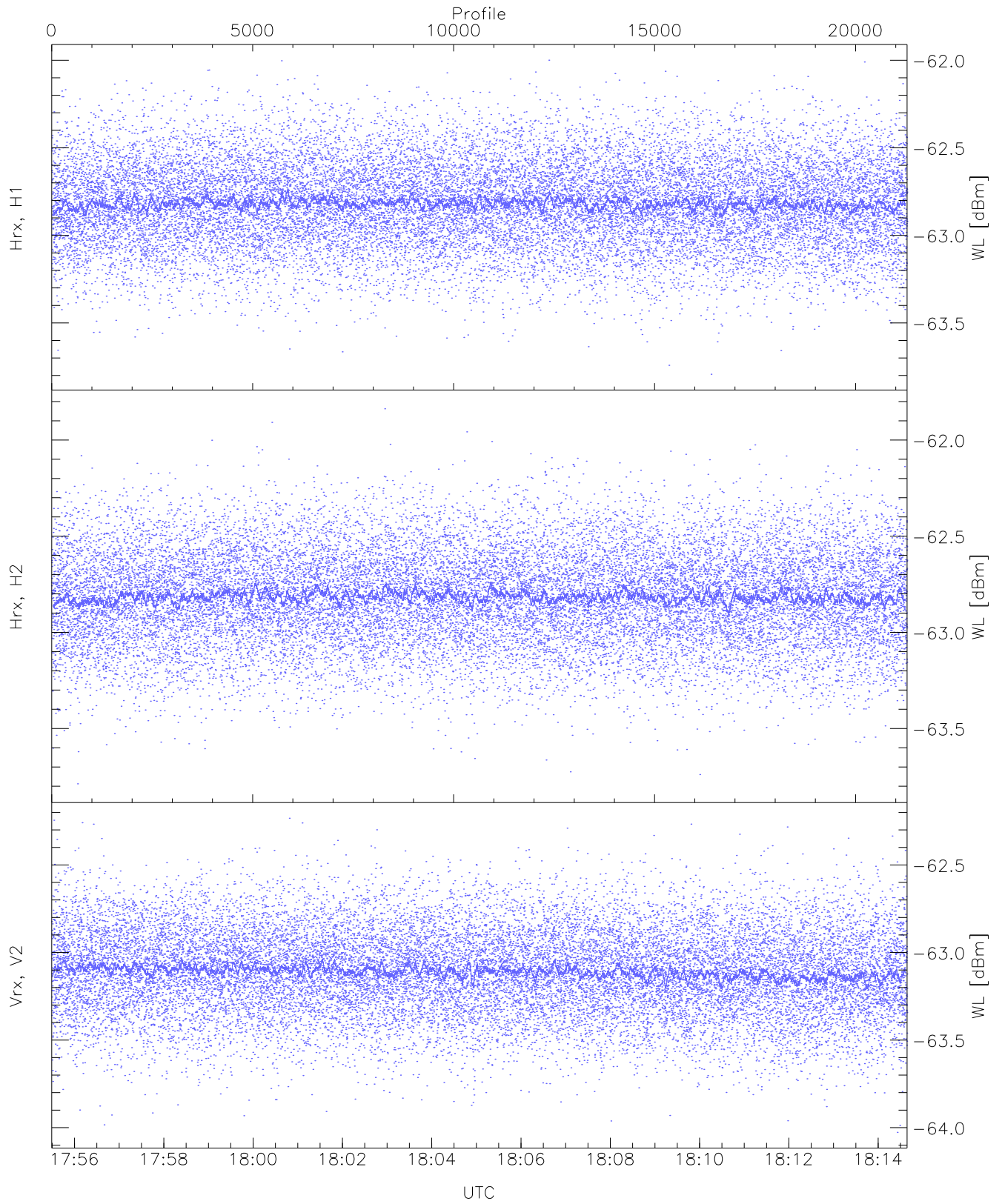
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,17,23,16,19
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,20,28,22,28
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (20,20,20,25,25,9)



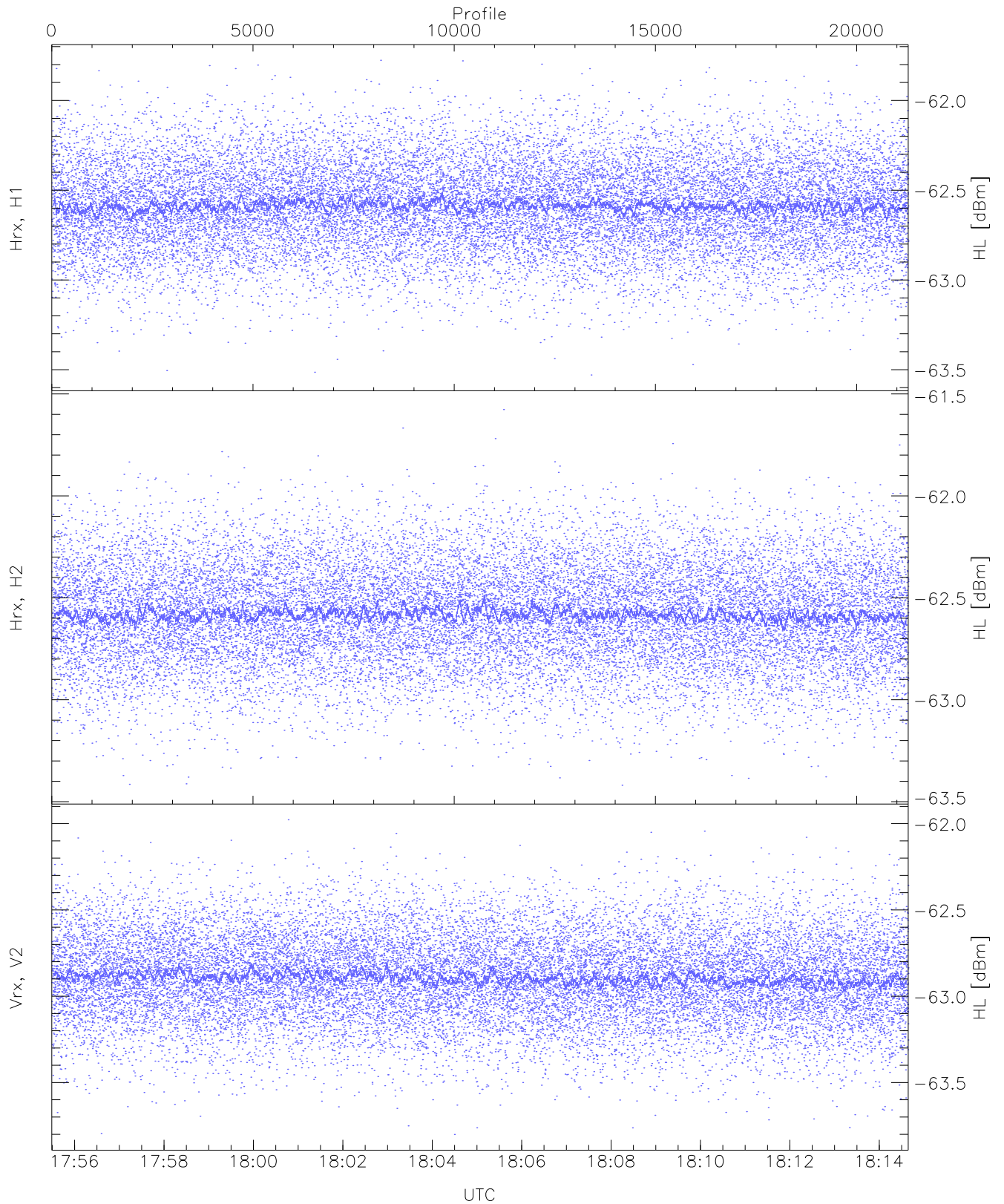
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 592 pixs, 30 gates, 551 profs, 1 prods



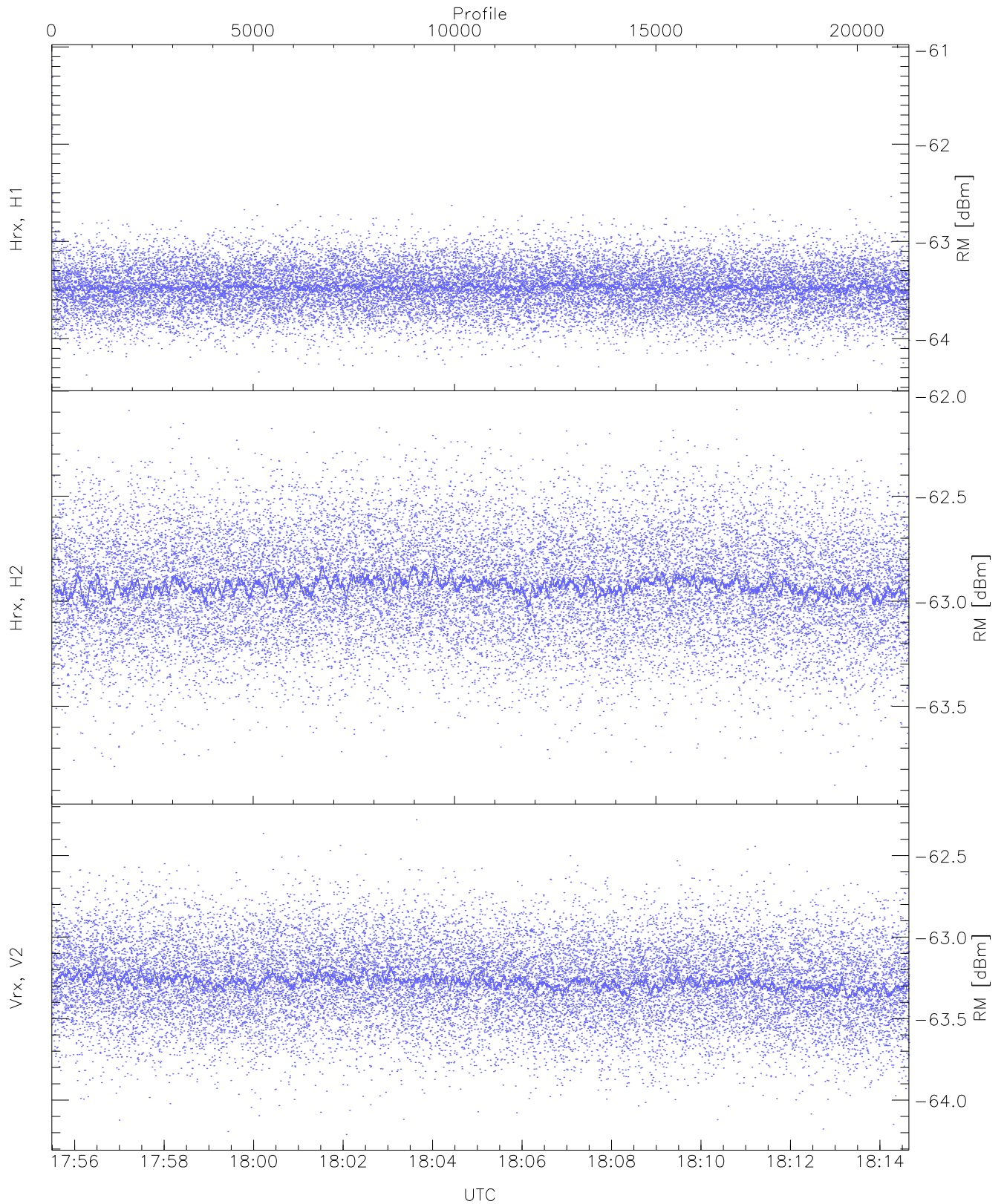
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.79	-62.00	-62.82	-62.82	-75.52
Hrx, H2 (WL [dBm])	-63.79	-61.84	-62.81	-62.82	-75.50
Vrx, V2 (WL [dBm])	-64.03	-62.23	-63.11	-63.11	-75.80



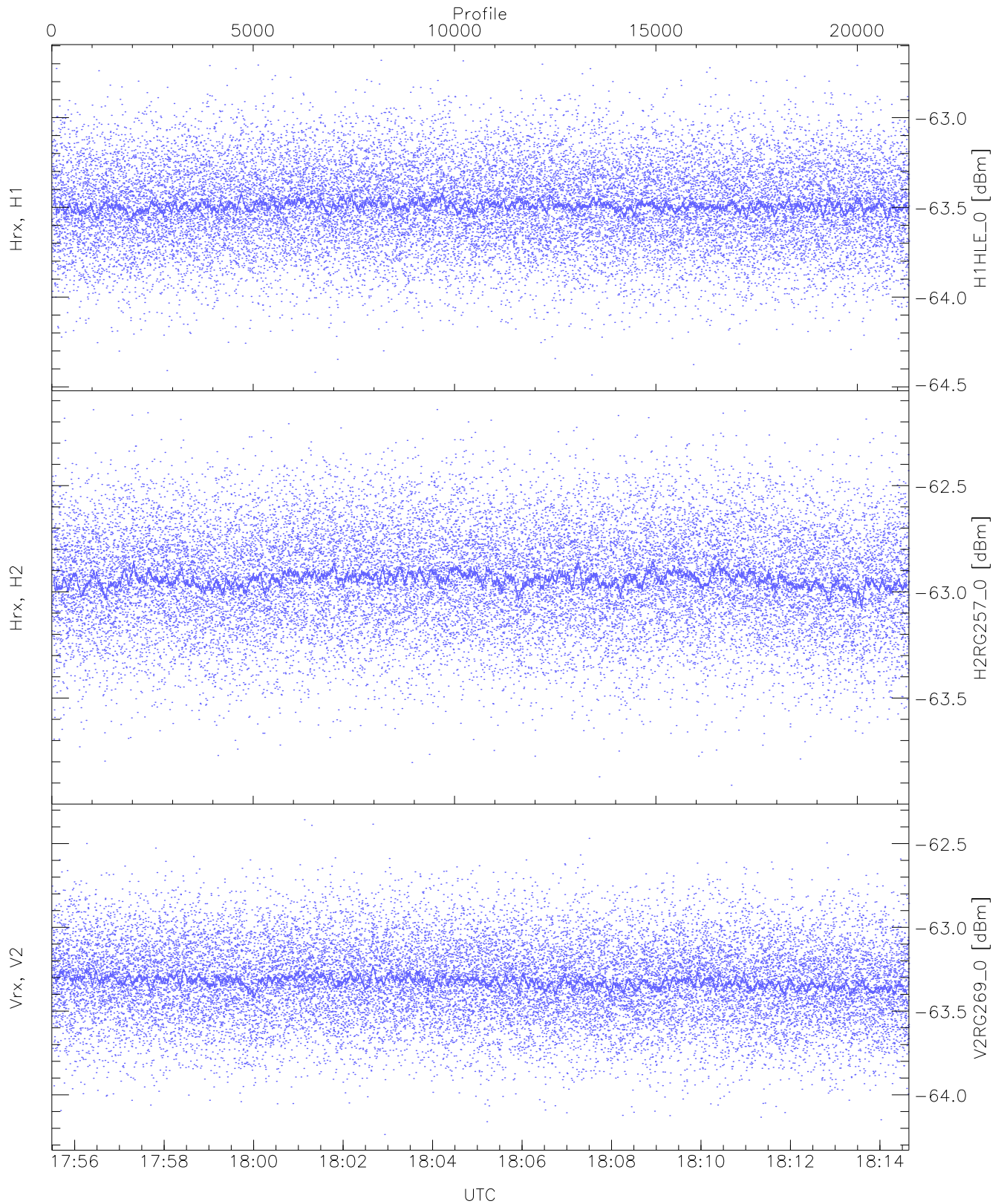
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.53	-61.78	-62.58	-62.59	-75.32
Hrx, H2 (HL [dBm])	-63.42	-61.58	-62.58	-62.58	-75.33
Vrx, V2 (HL [dBm])	-63.80	-61.98	-62.89	-62.90	-75.58



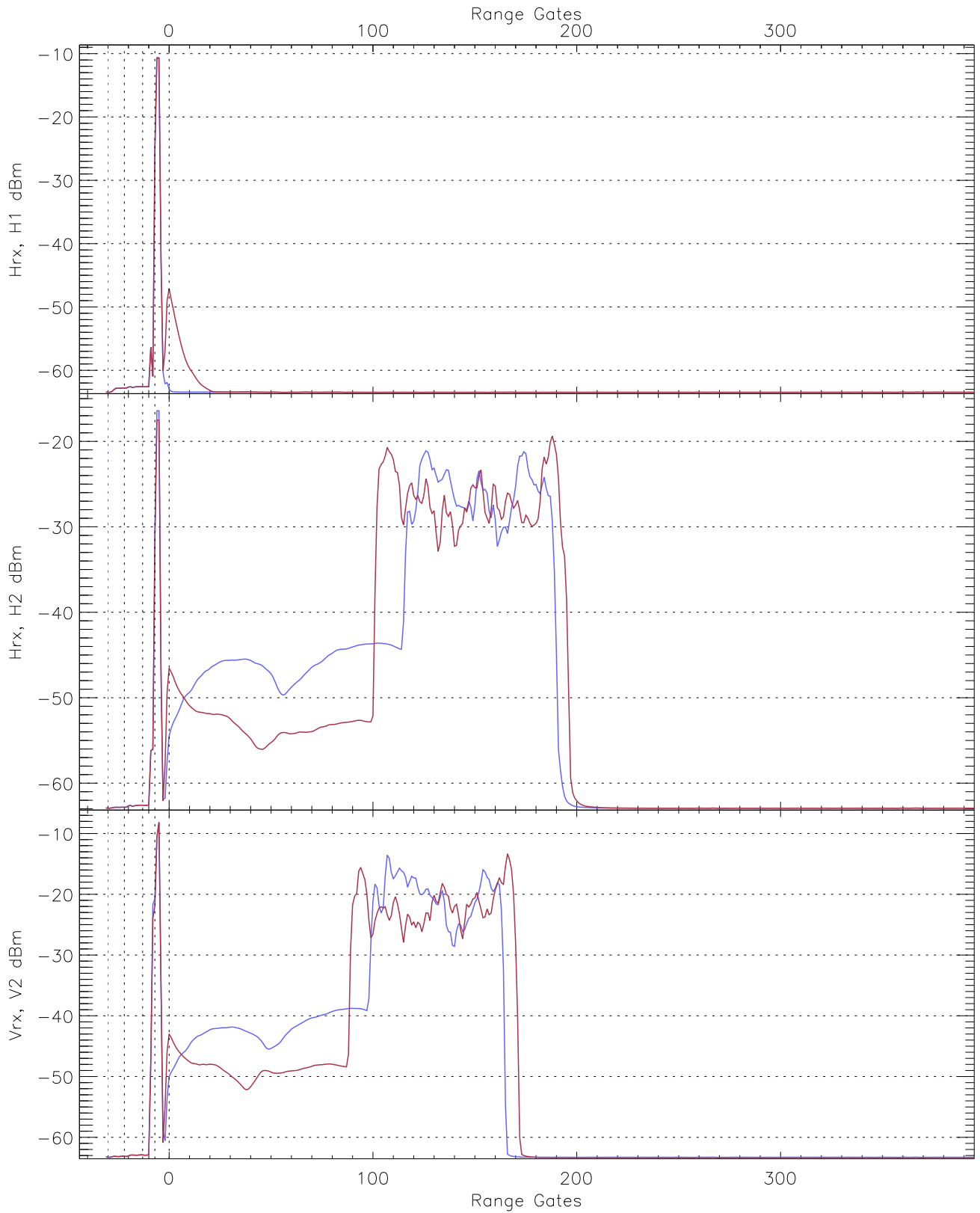
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.37	-61.14	-63.47	-63.47	-76.06
Hrx, H2 (RM [dBm])	-63.88	-62.09	-62.92	-62.93	-75.60
Vrx, V2 (RM [dBm])	-64.21	-62.28	-63.27	-63.28	-75.95

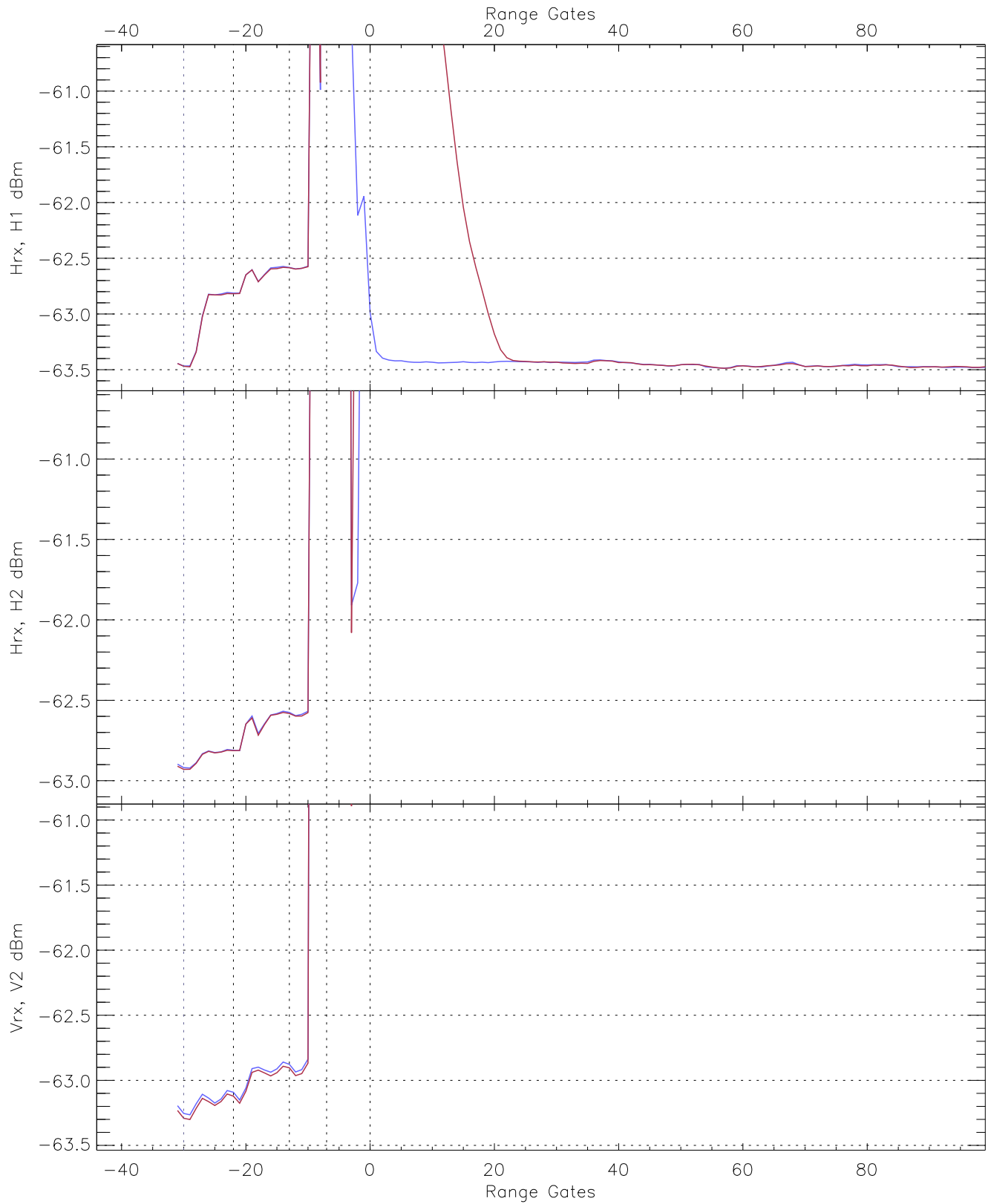


WCR2 CPP "Best" estimate Receivers Noise Power

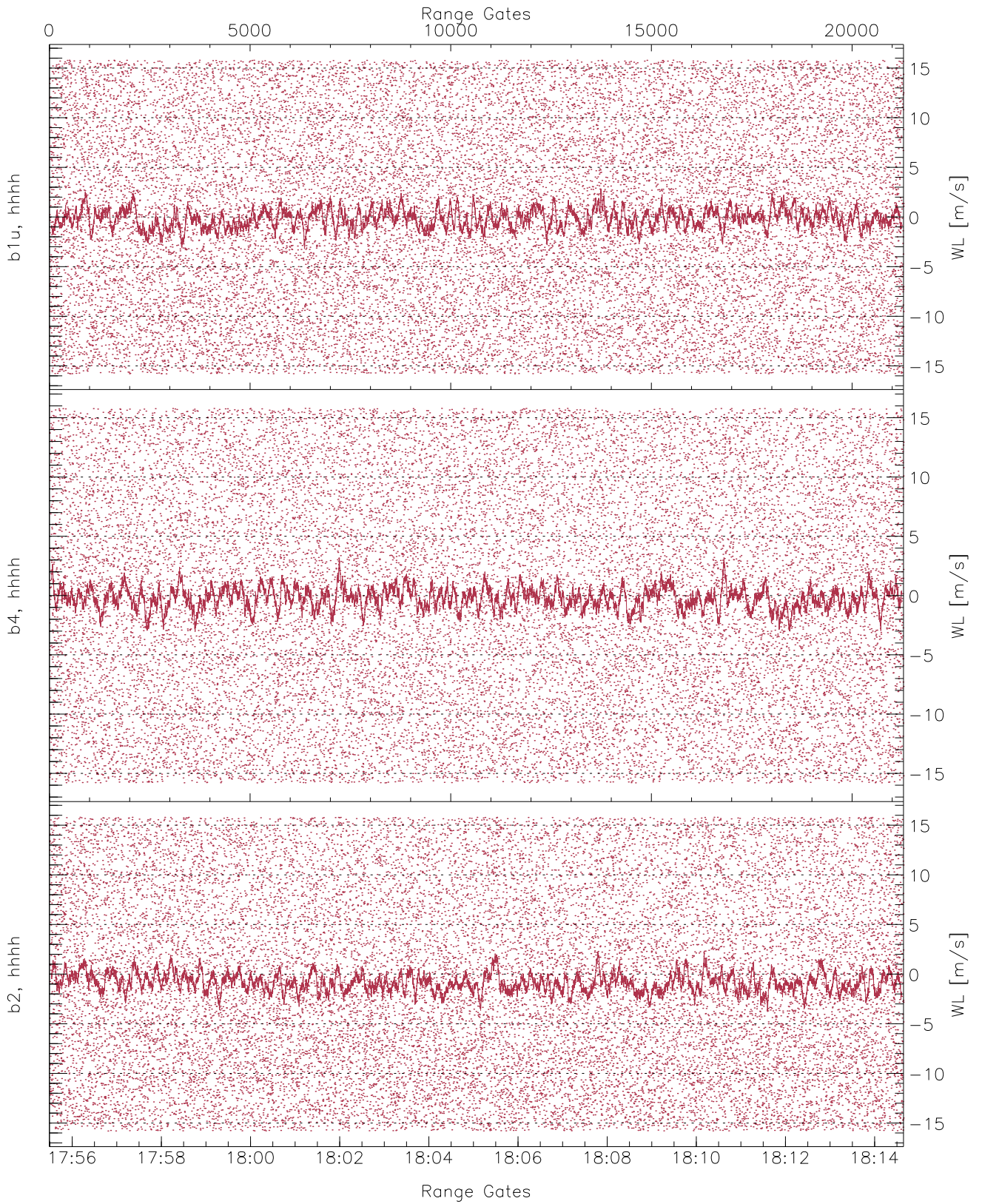
	Min	Max	Mean	Median	StDev
H1HLE_0 [dBm]	-64.43	-62.68	-63.49	-63.49	-76.22
H2RG257_0 [dBm]	-63.91	-62.14	-62.94	-62.94	-75.61
V2RG269_0 [dBm]	-64.24	-62.36	-63.32	-63.33	-75.98



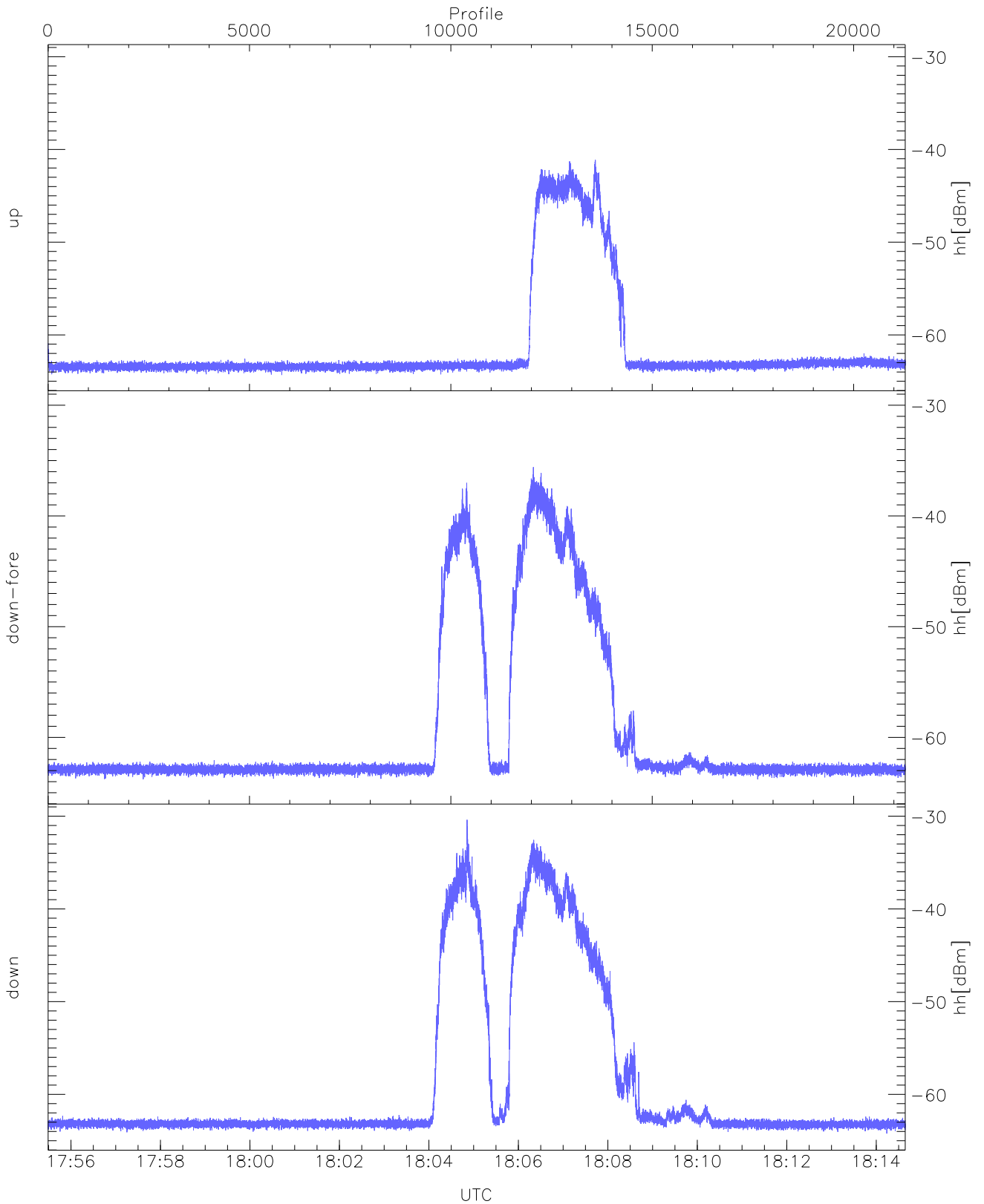
WCR2 CPP Averaged Received power for all recorded gates
blue: 175529-180504, 10642 profiles averaged
red: 180504-181439, 10642 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 175529-180504, 10642 profiles averaged
red: 180504-181439, 10642 profiles averaged

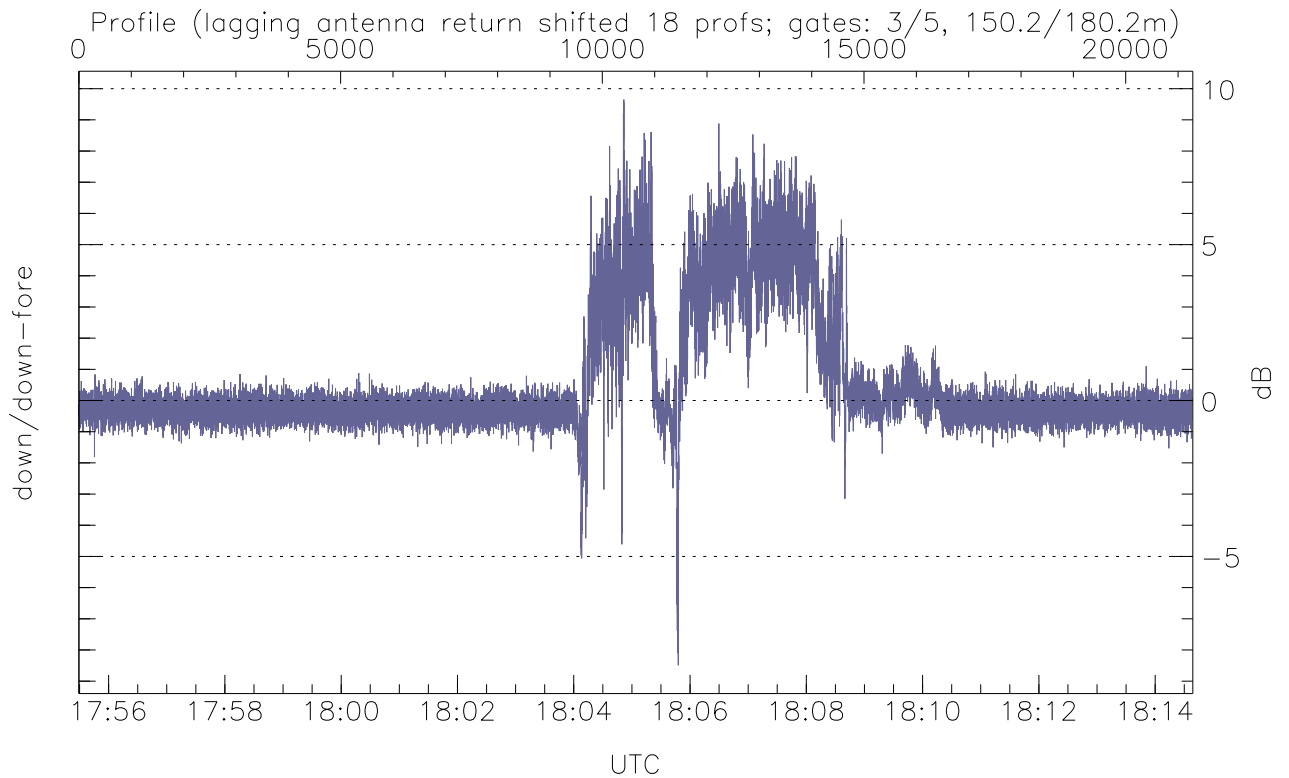
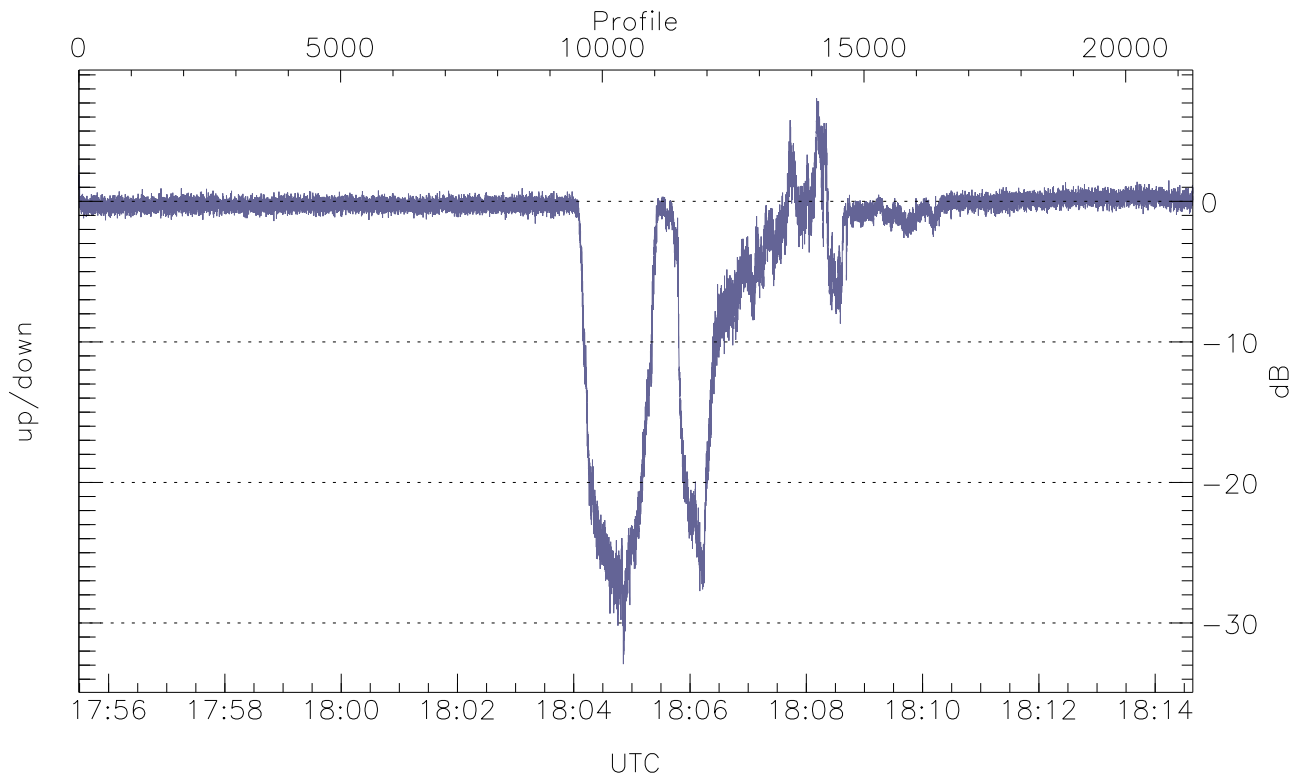


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



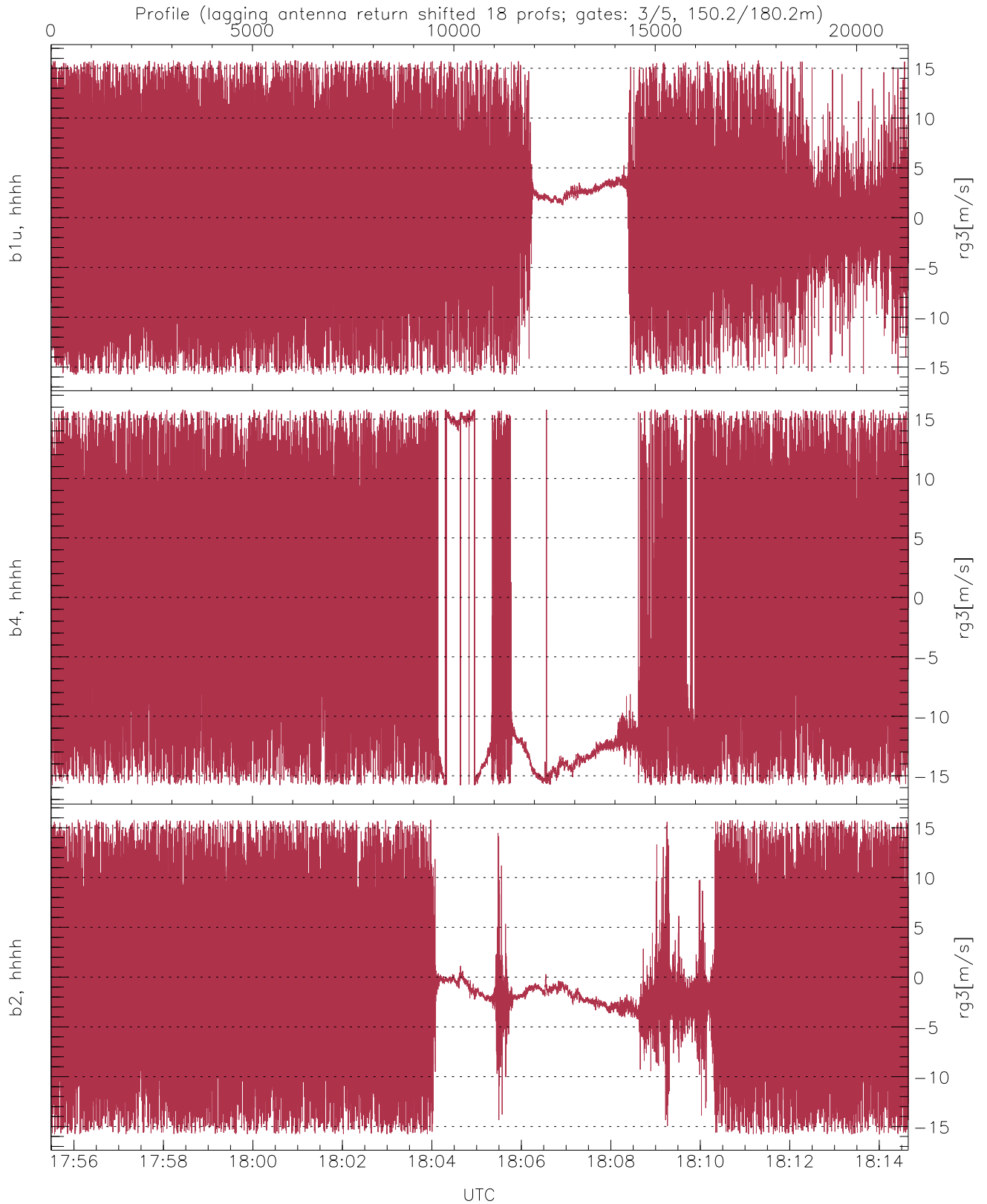
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.33	-41.13	-54.60
down-fore(hh[dBm])	-63.79	-35.59	-49.81
down(hh[dBm])	-64.23	-30.39	-46.27



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

	Min	Max	Mean
up/down (dB)	-32.92	7.33	-2.62
down/down-fore (dB)	-8.49	9.65	0.60



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	0.21	7.35
b4, hhhh(rg3[m/s])	-15.80	15.80	-2.63	10.10
b2, hhhh(rg3[m/s])	-15.79	15.80	-1.00	7.46