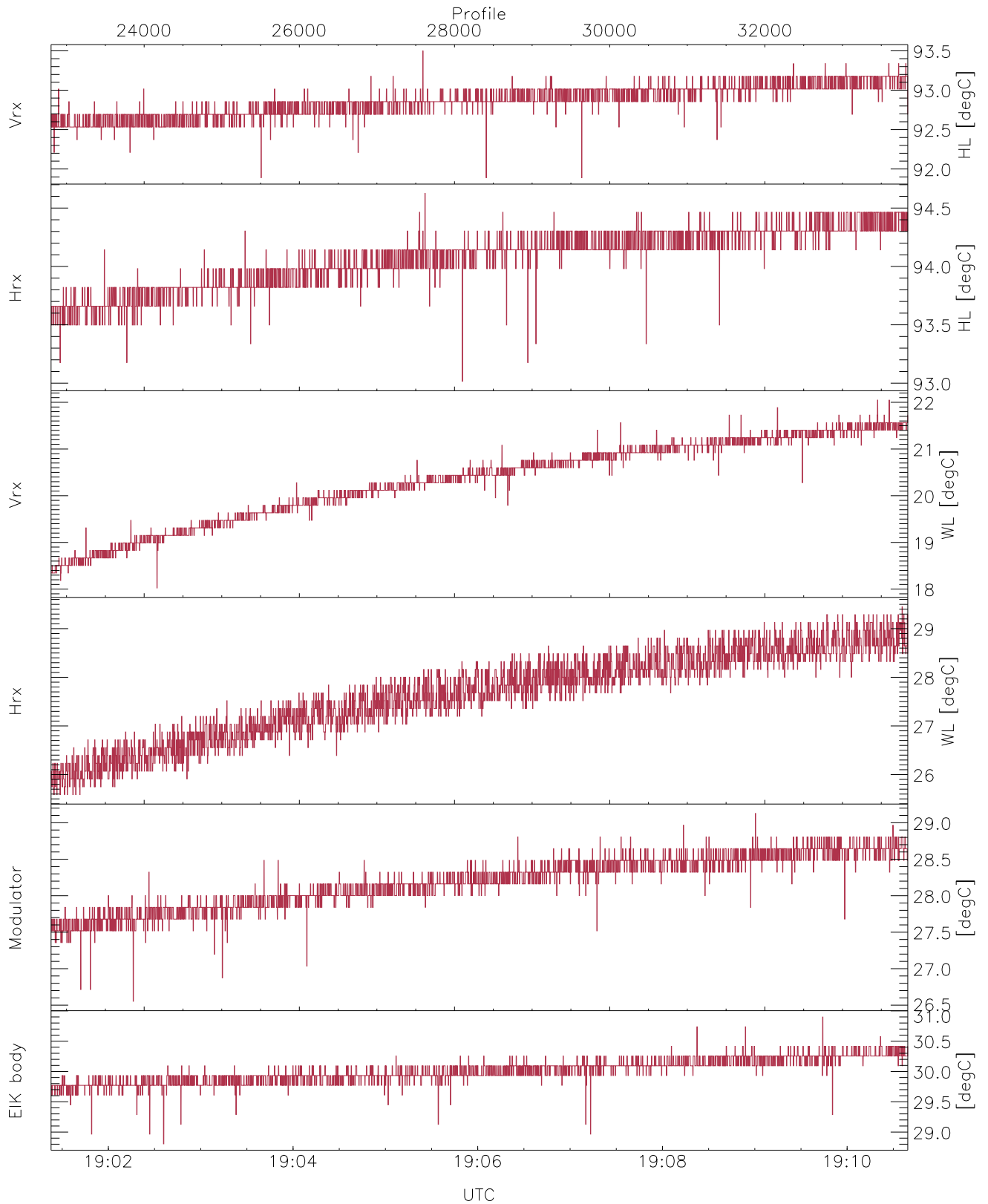


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

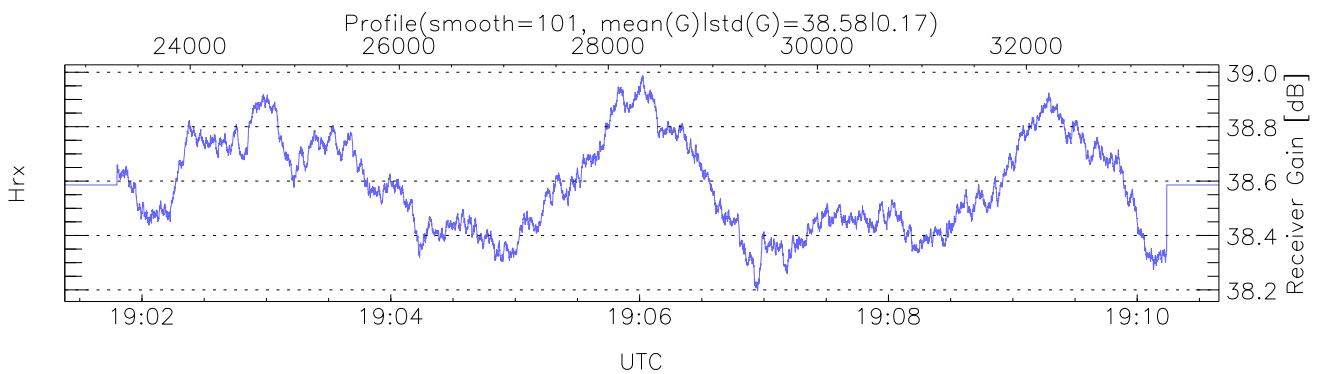
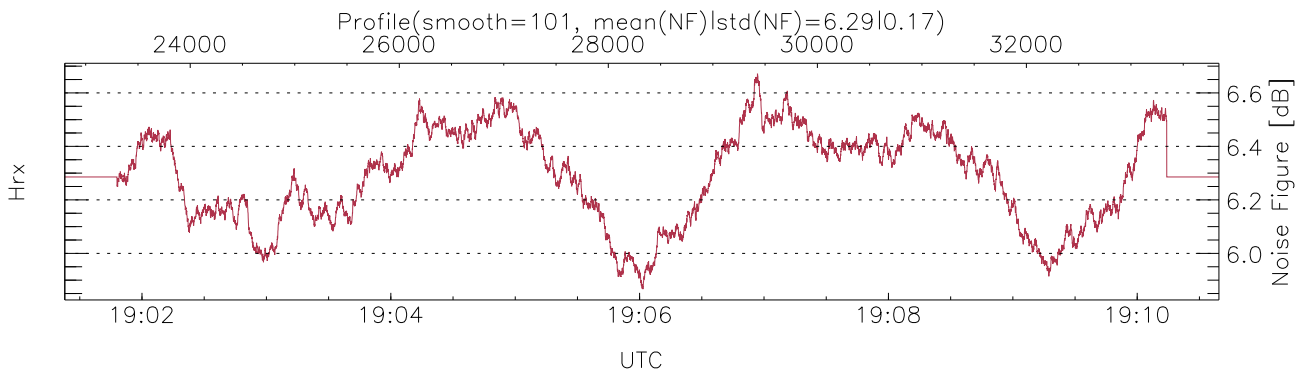
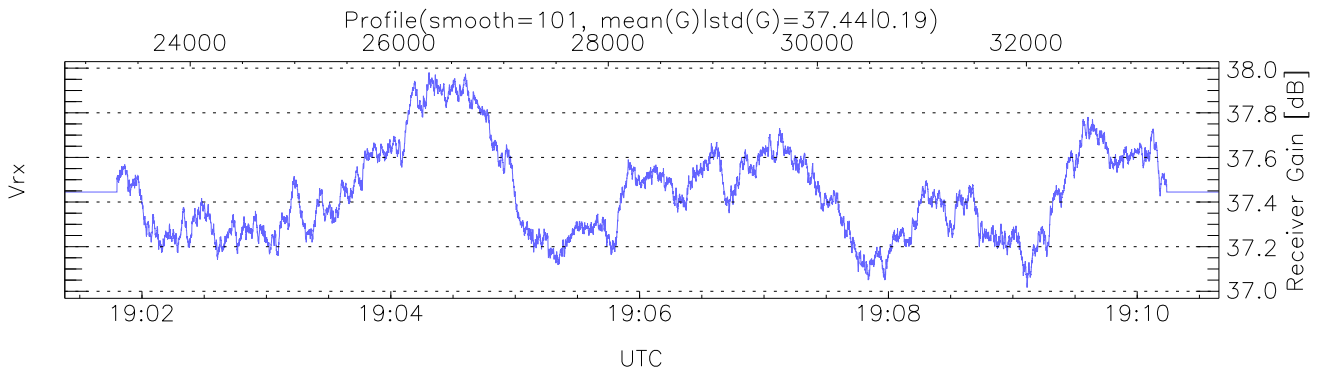
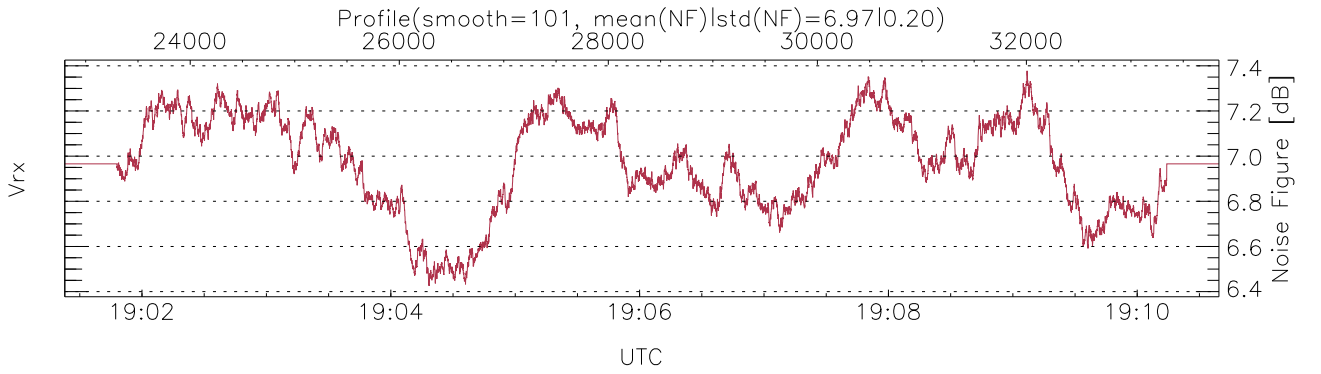
UTC: 18:42:13-19:10:39, Dur: 1706.06s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 11043/33843, 22800-33842/19:01:23-19:10:39
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 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

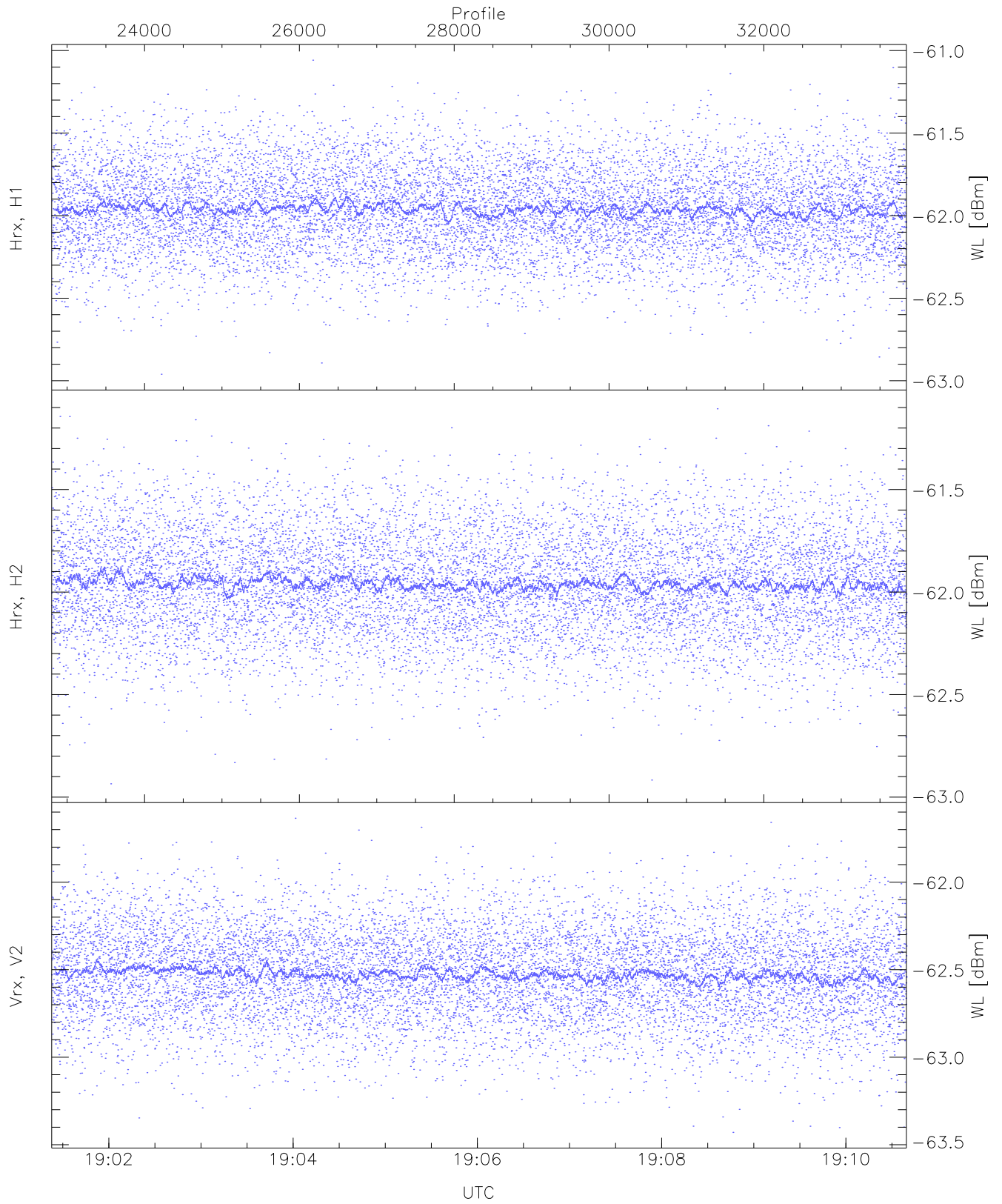
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,18,25,26,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,22,29,29,30
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,10,15,15,15,10)



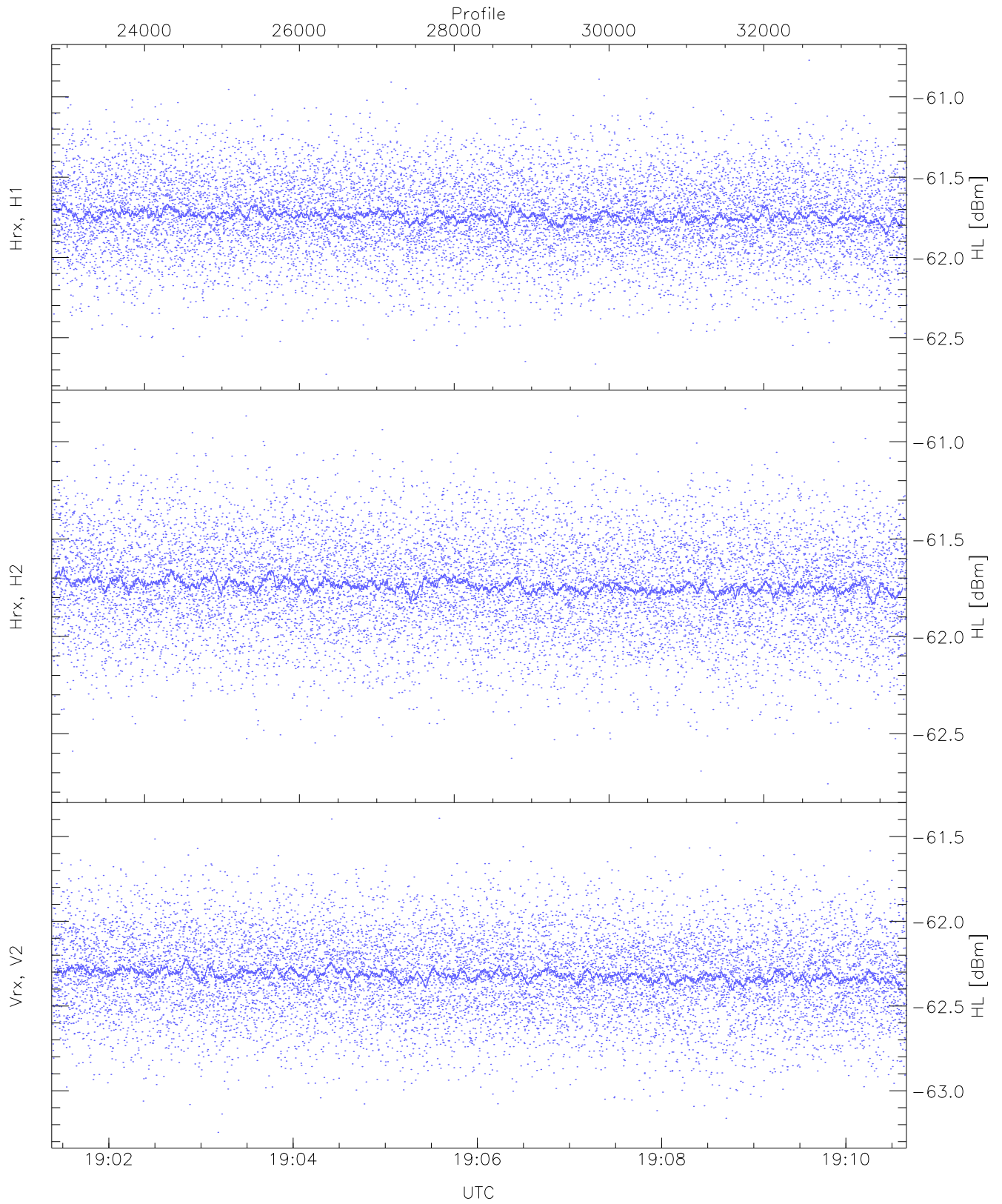
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 10590 pixs, 10 gates, 9686 profs, 2 prods



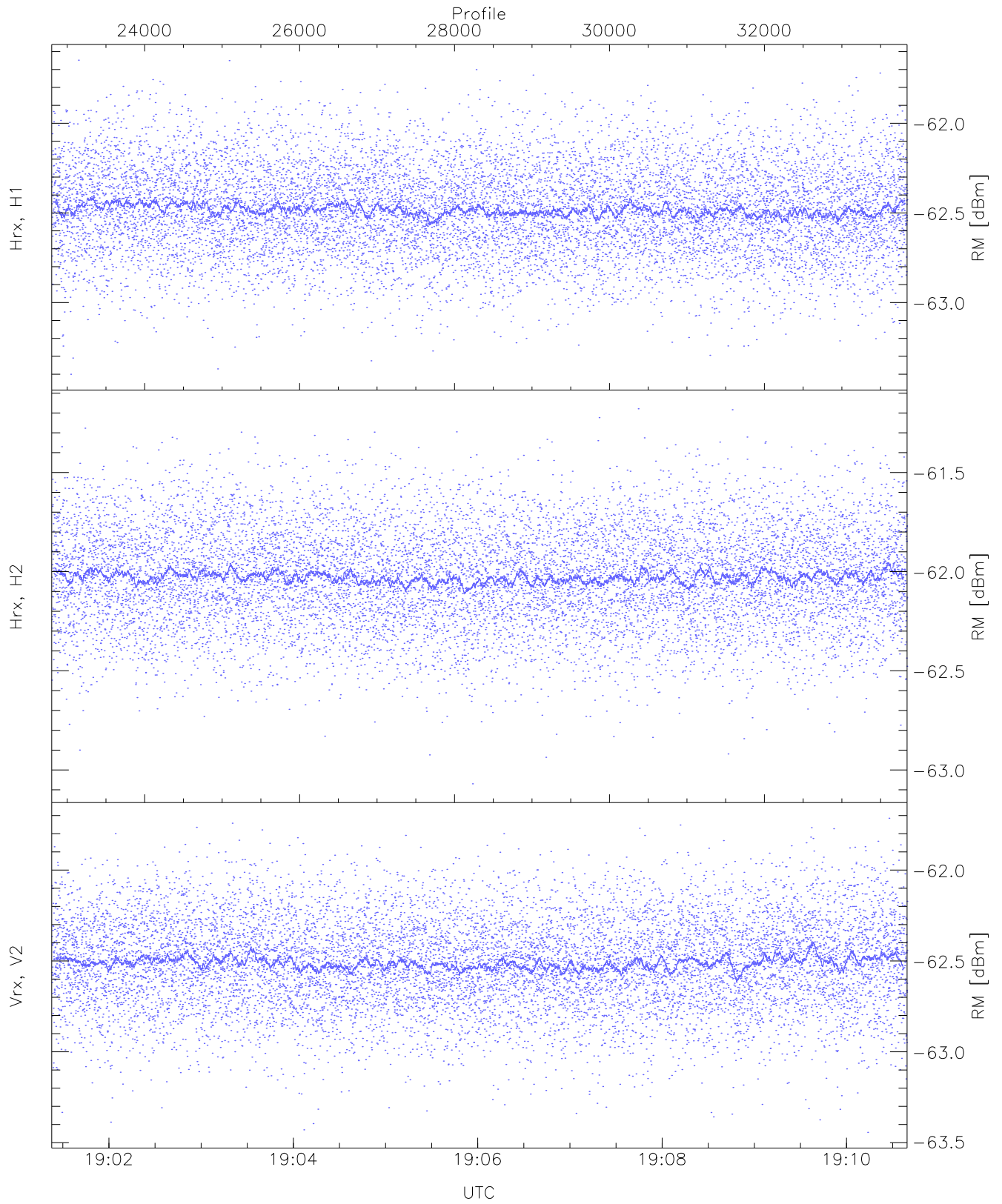
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.96	-61.06	-61.96	-61.96	-74.52
Hrx, H2 (WL [dBm])	-62.94	-61.11	-61.96	-61.96	-74.60
Vrx, V2 (WL [dBm])	-63.43	-61.64	-62.52	-62.53	-75.08



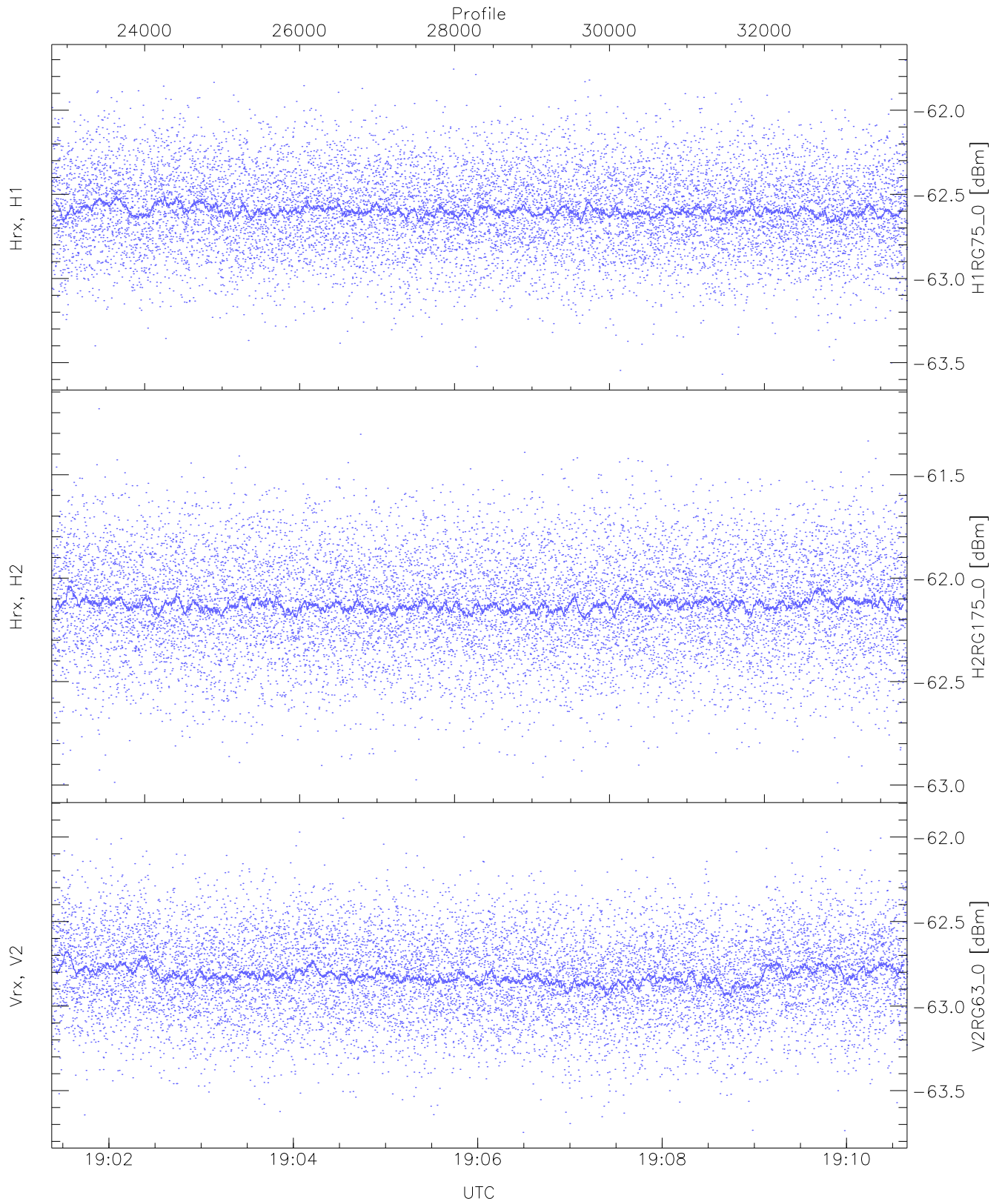
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(HL [dBm])	-62.73	-60.77	-61.74	-61.74	-74.31
Hrx, H2(HL [dBm])	-62.76	-60.83	-61.74	-61.74	-74.29
Vrx, V2(HL [dBm])	-63.25	-61.39	-62.31	-62.32	-74.90



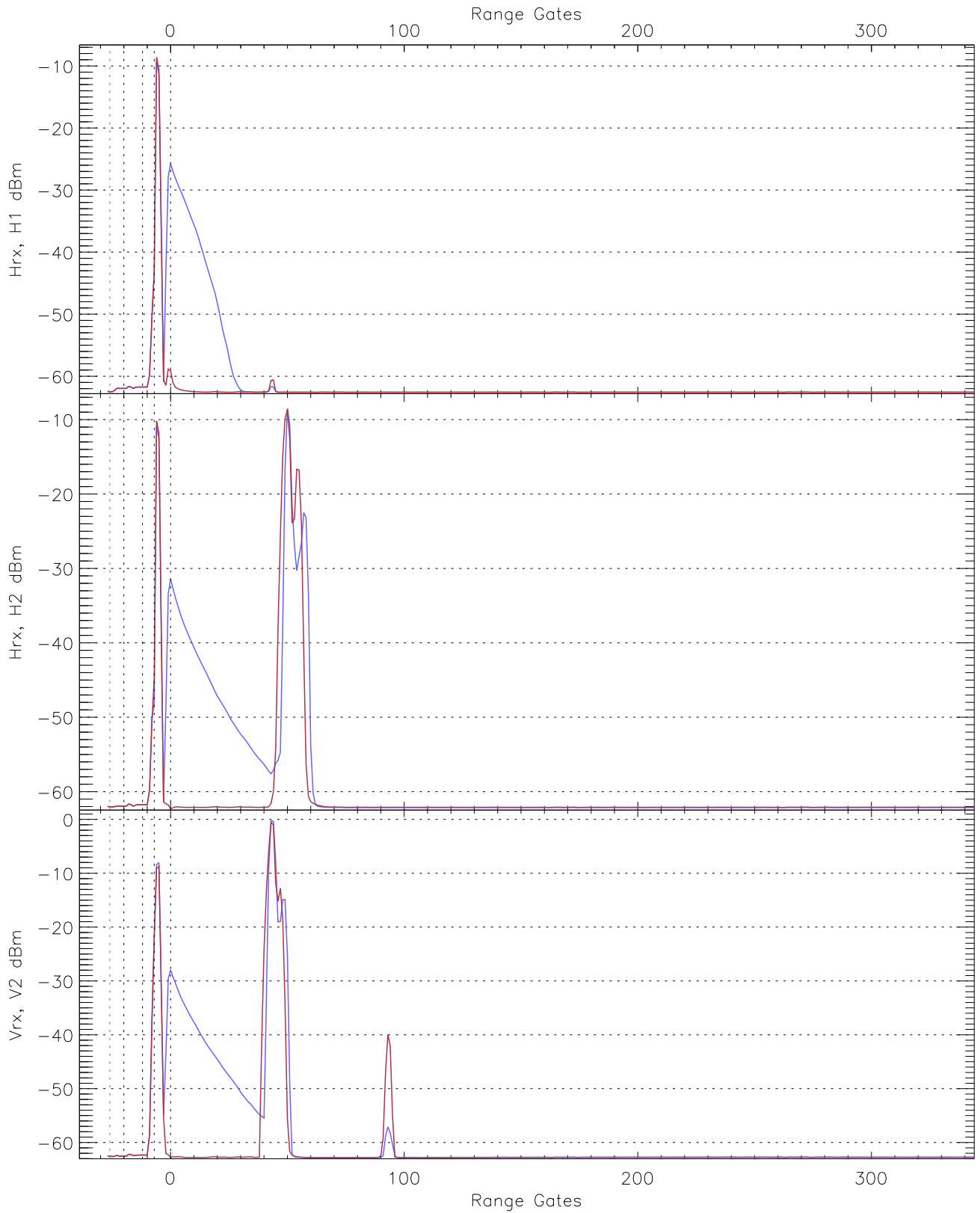
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.40	-61.65	-62.48	-62.48	-75.04
Hrx, H2 (RM [dBm])	-63.07	-61.18	-62.02	-62.03	-74.63
Vrx, V2 (RM [dBm])	-63.44	-61.71	-62.51	-62.51	-75.09

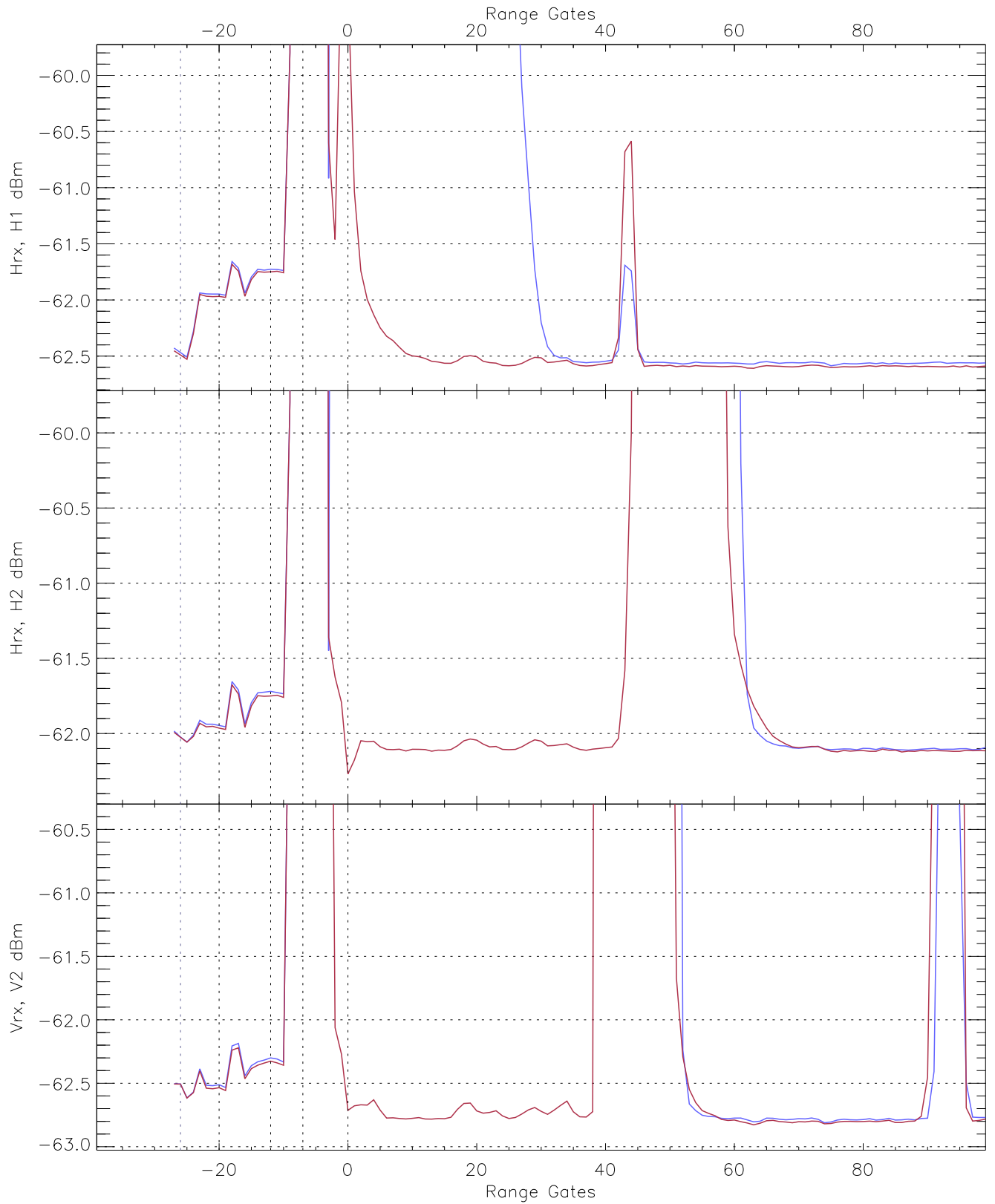


WCR2 CPP "Best" estimate Receivers Noise Power

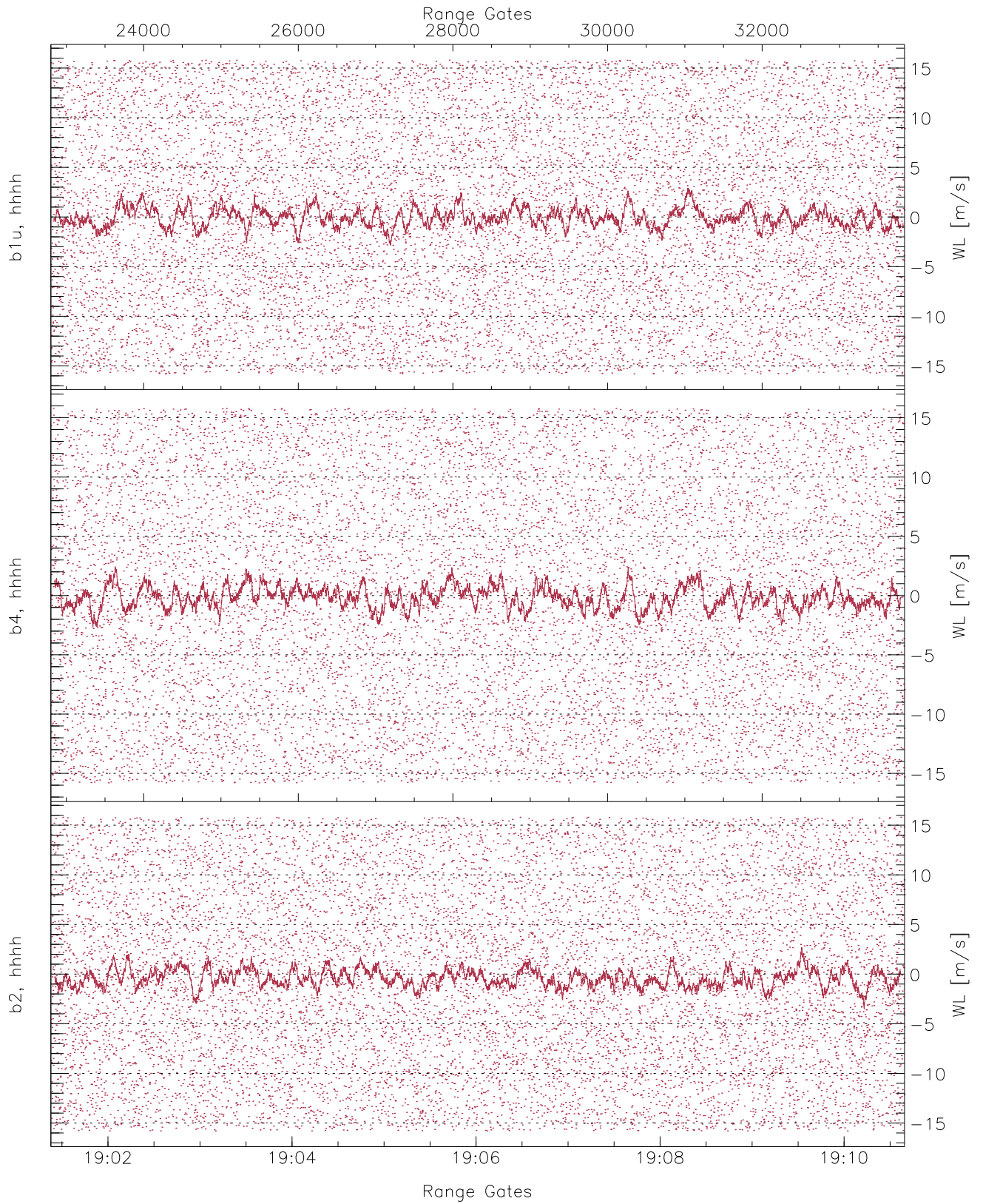
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.57	-61.70	-62.59	-62.60	-75.16
H2RG175_0 [dBm]	-62.99	-61.18	-62.12	-62.13	-74.70
V2RG63_0 [dBm]	-63.75	-61.89	-62.82	-62.82	-75.31



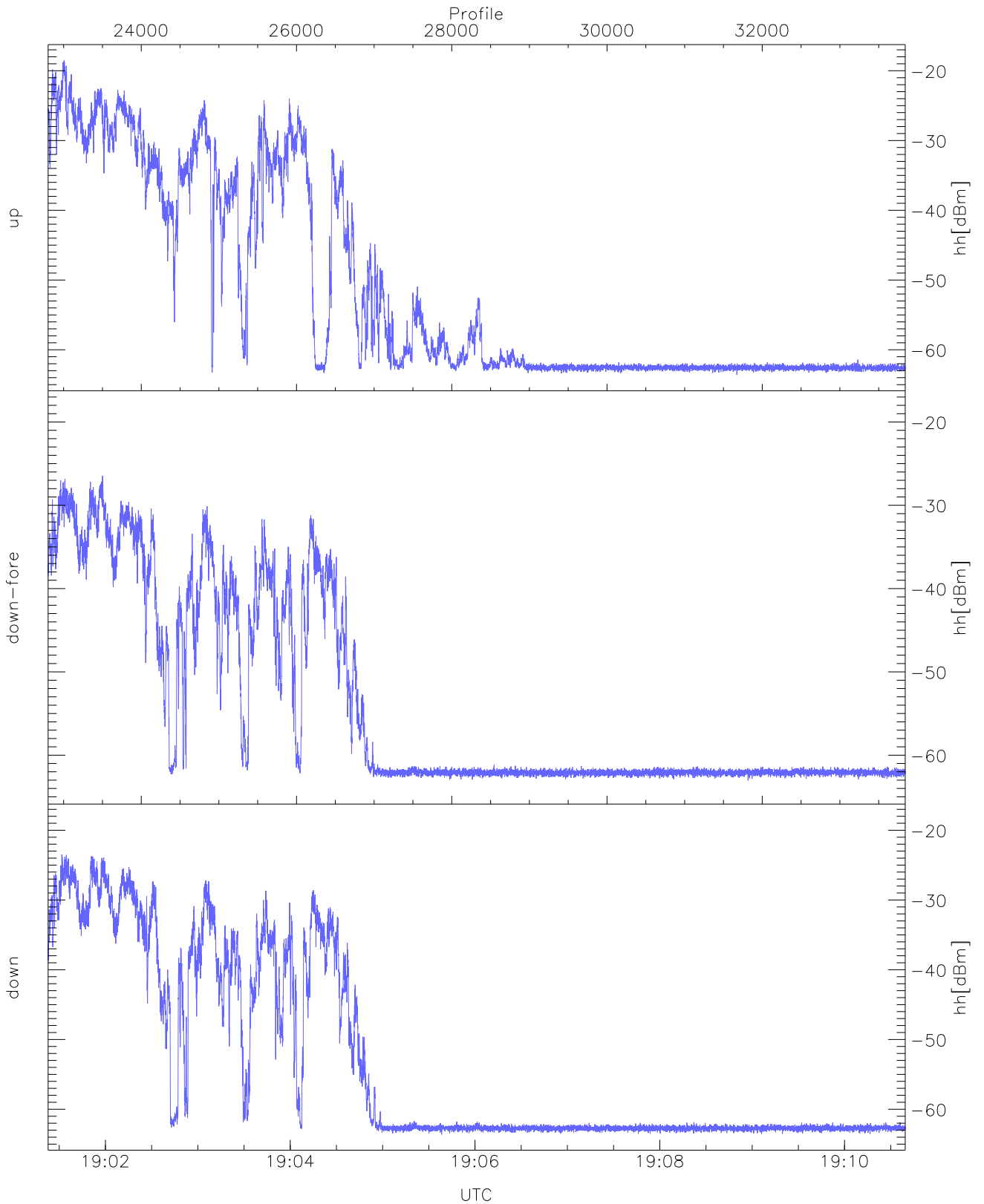
WCR2 CPP Averaged Received power for all recorded gates
blue: 190123-190601, 5522 profiles averaged
red: 190601-191039, 5522 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 190123-190601, 5522 profiles averaged
red: 190601-191039, 5522 profiles averaged

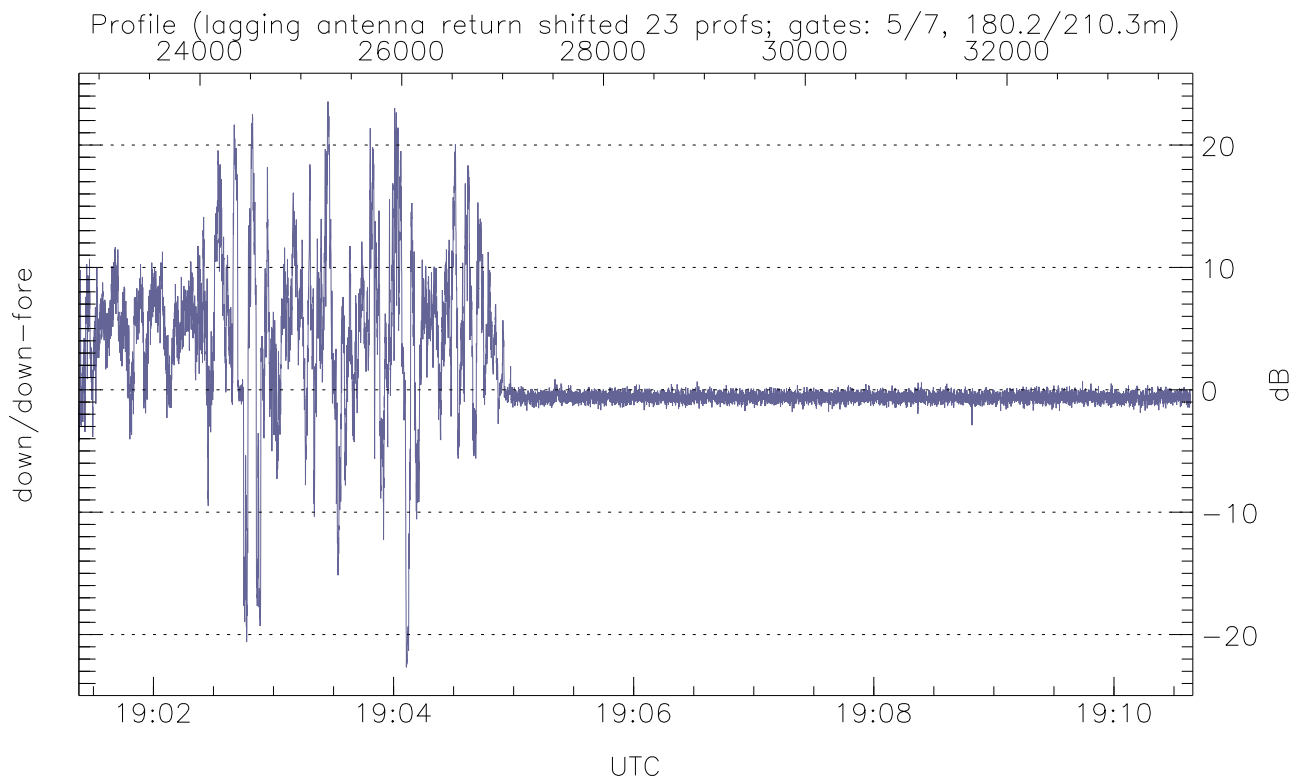
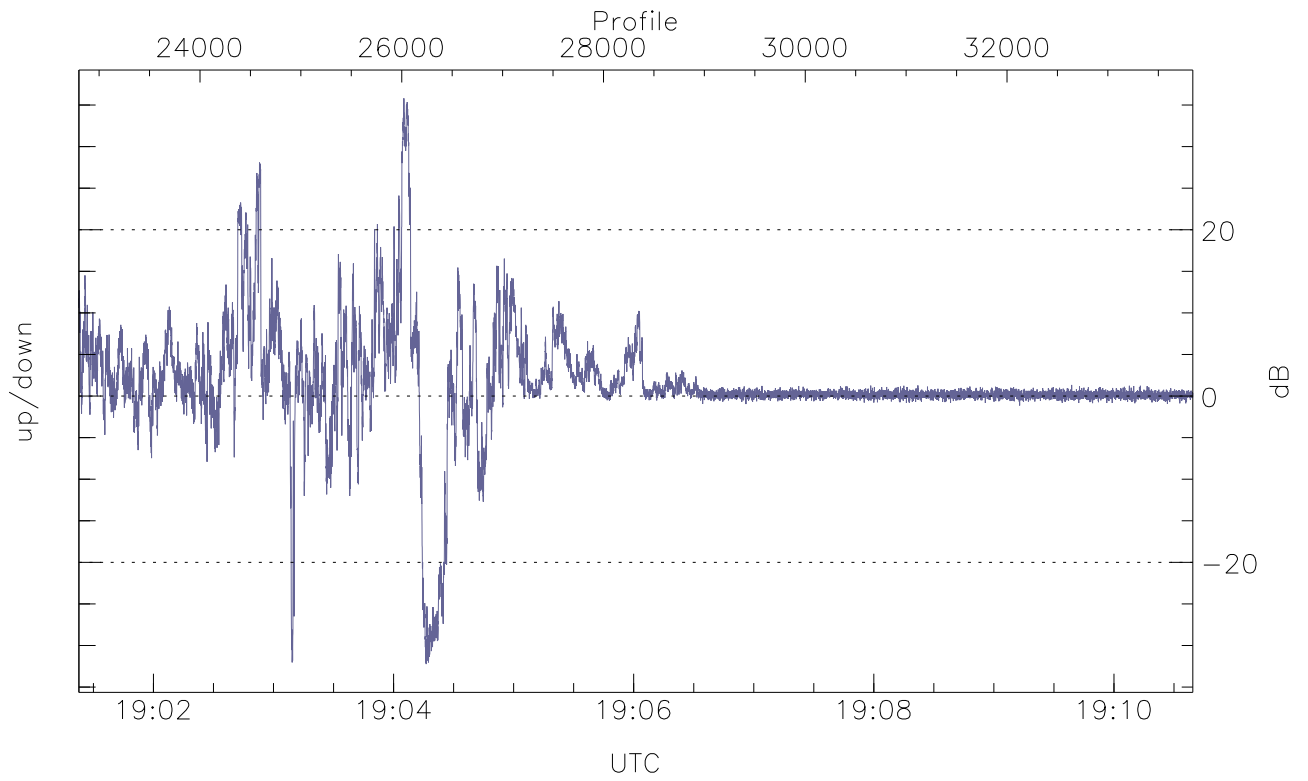


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



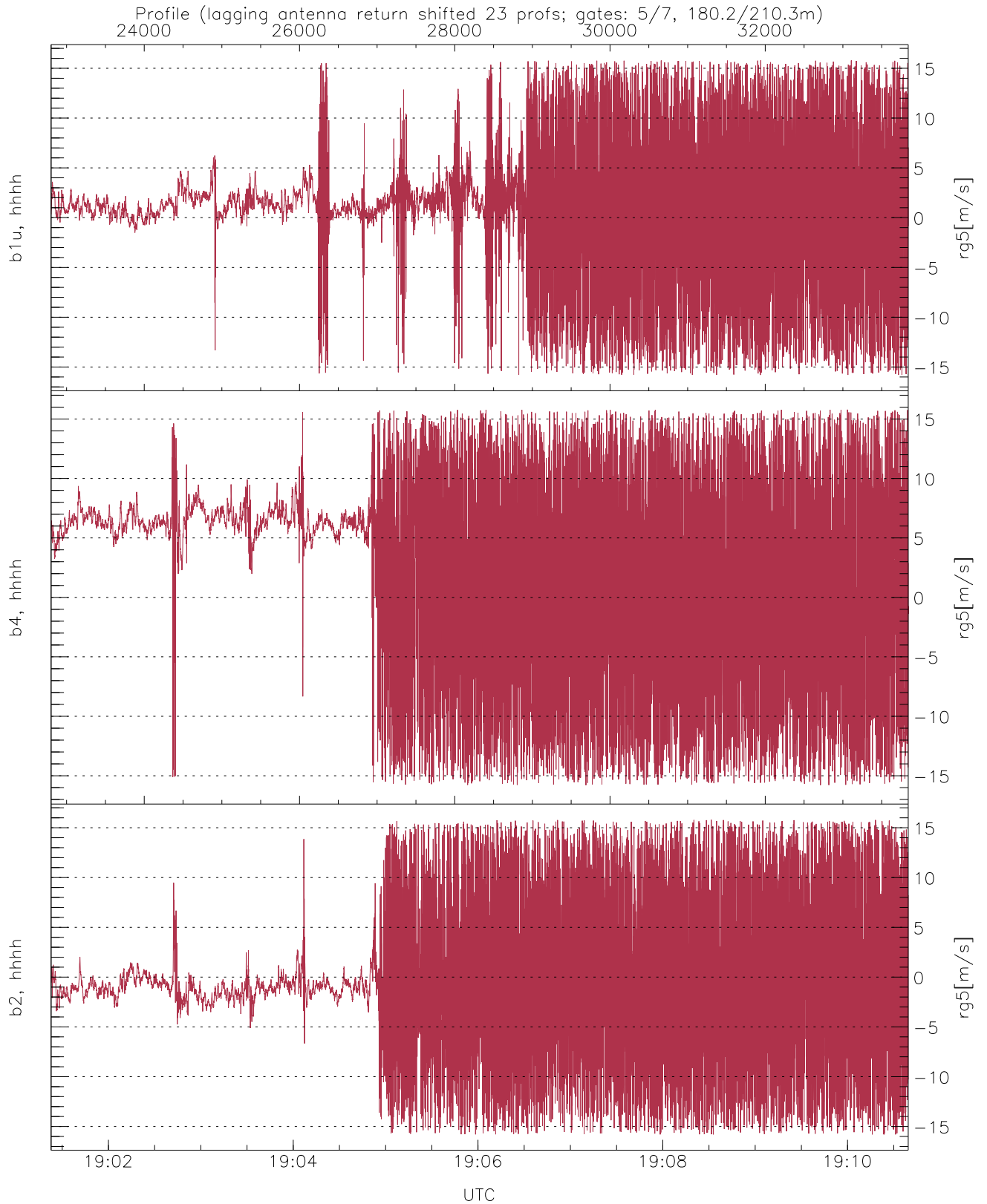
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh [dBm])	-63.60	-18.50	-33.74
down-fore(hh [dBm])	-63.04	-26.45	-39.87
down(hh [dBm])	-63.61	-23.50	-36.59



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

	Min	Max	Mean
up/down (dB)	-32.23	35.81	1.51
down/down-fore (dB)	-22.67	23.55	1.42



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	0.83	6.18
b4, hhhh(rg5[m/s])	-15.80	15.79	2.49	7.74
b2, hhhh(rg5[m/s])	-15.80	15.79	-0.76	7.03