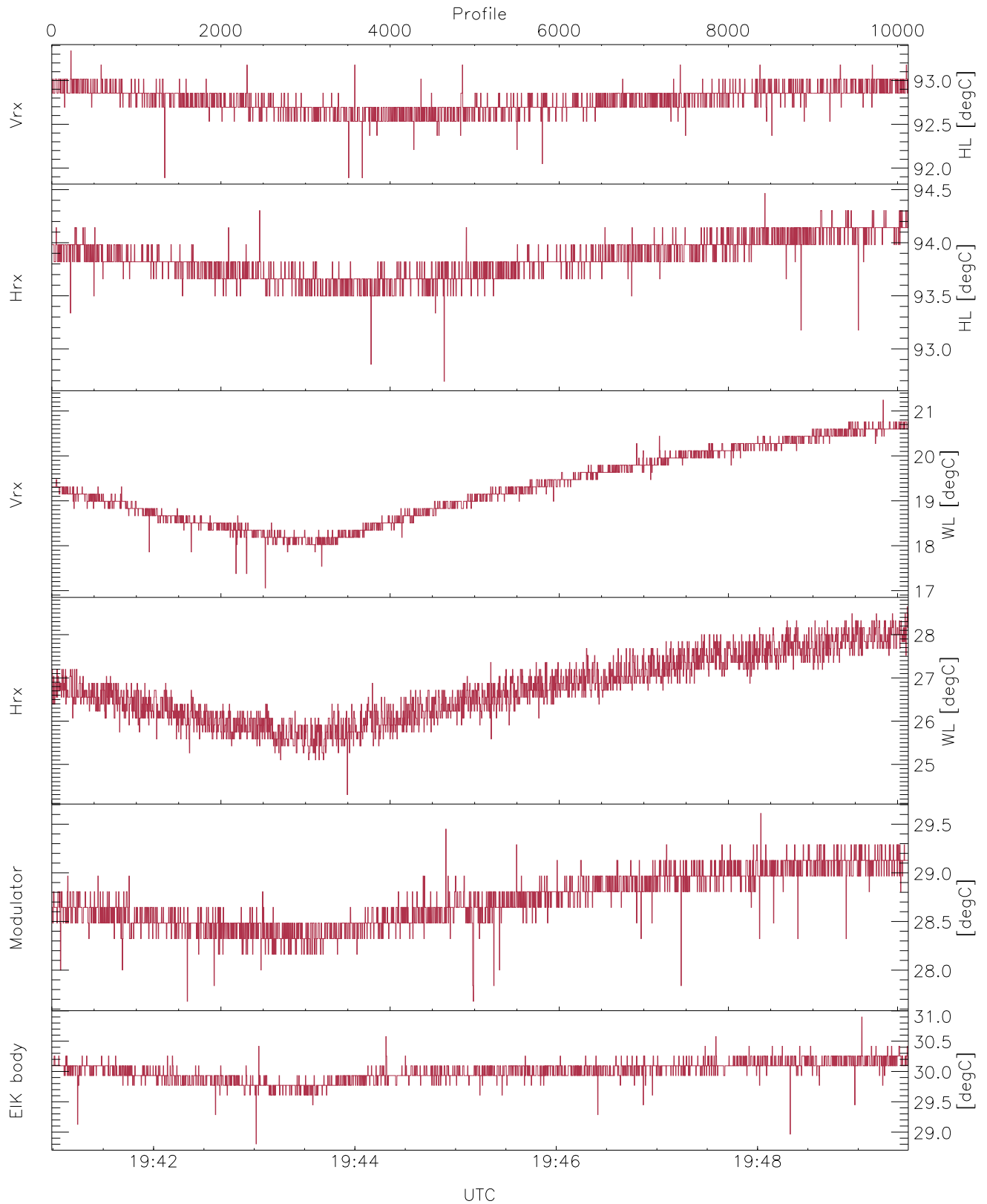


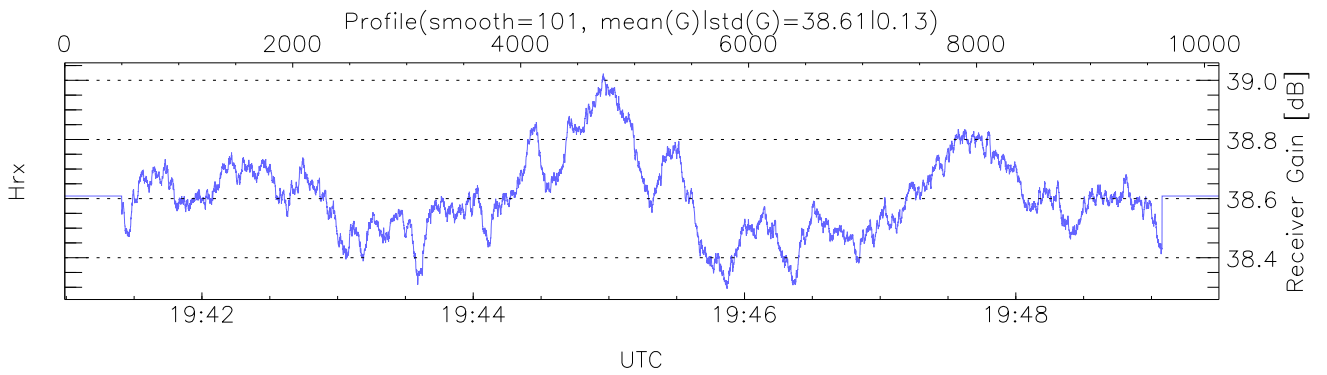
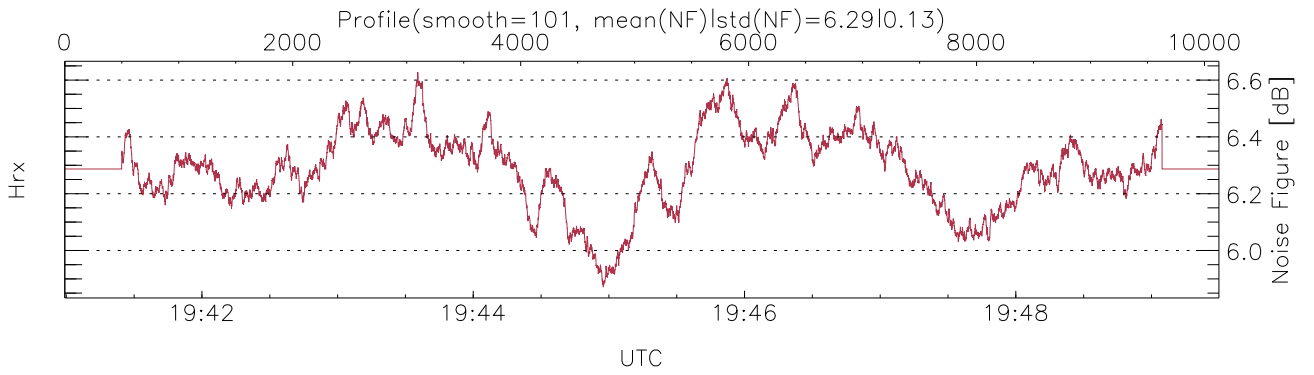
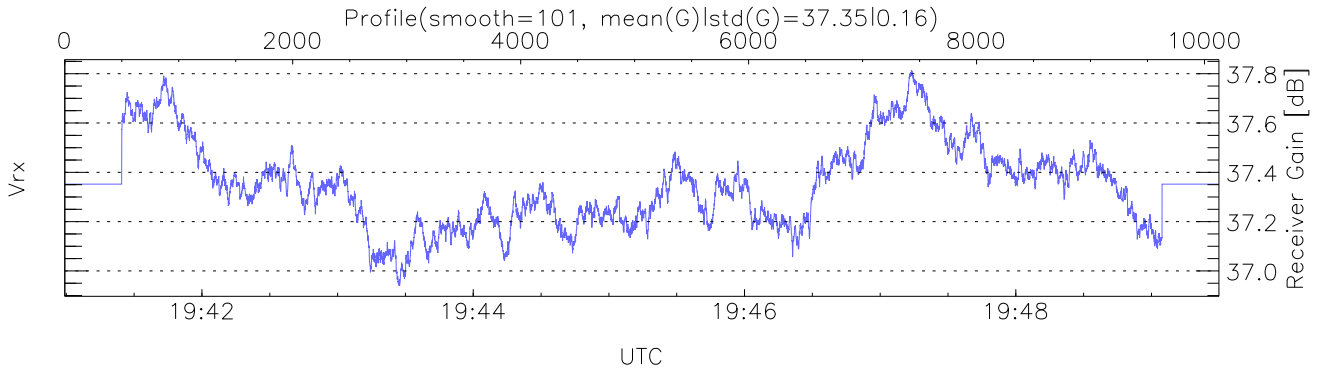
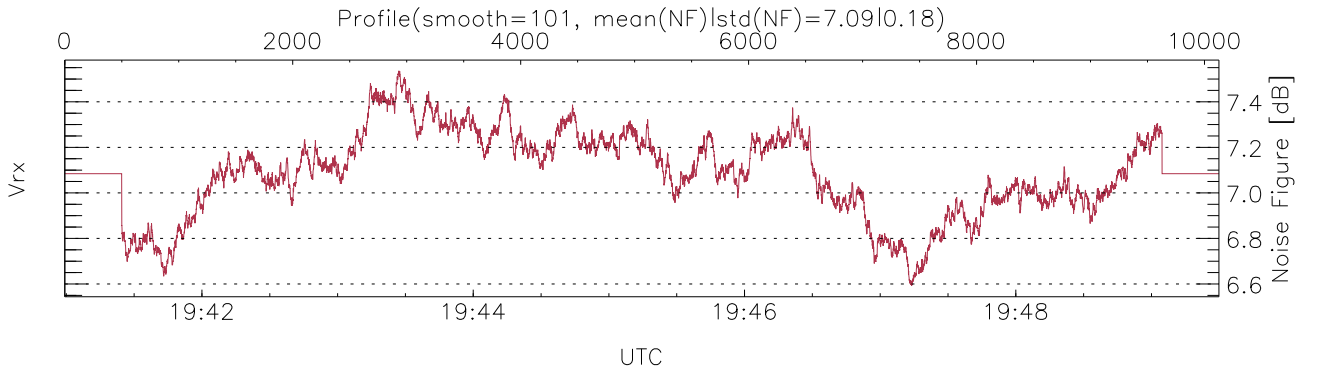
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 19:40:59-19:49:30, Dur: 510.53s
 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): 10128/10128, 0-10127/19:40:59-19:49:30
 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,rgs): 105,5271,15.0 m, Gates: 345, Aspect: 3.3
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



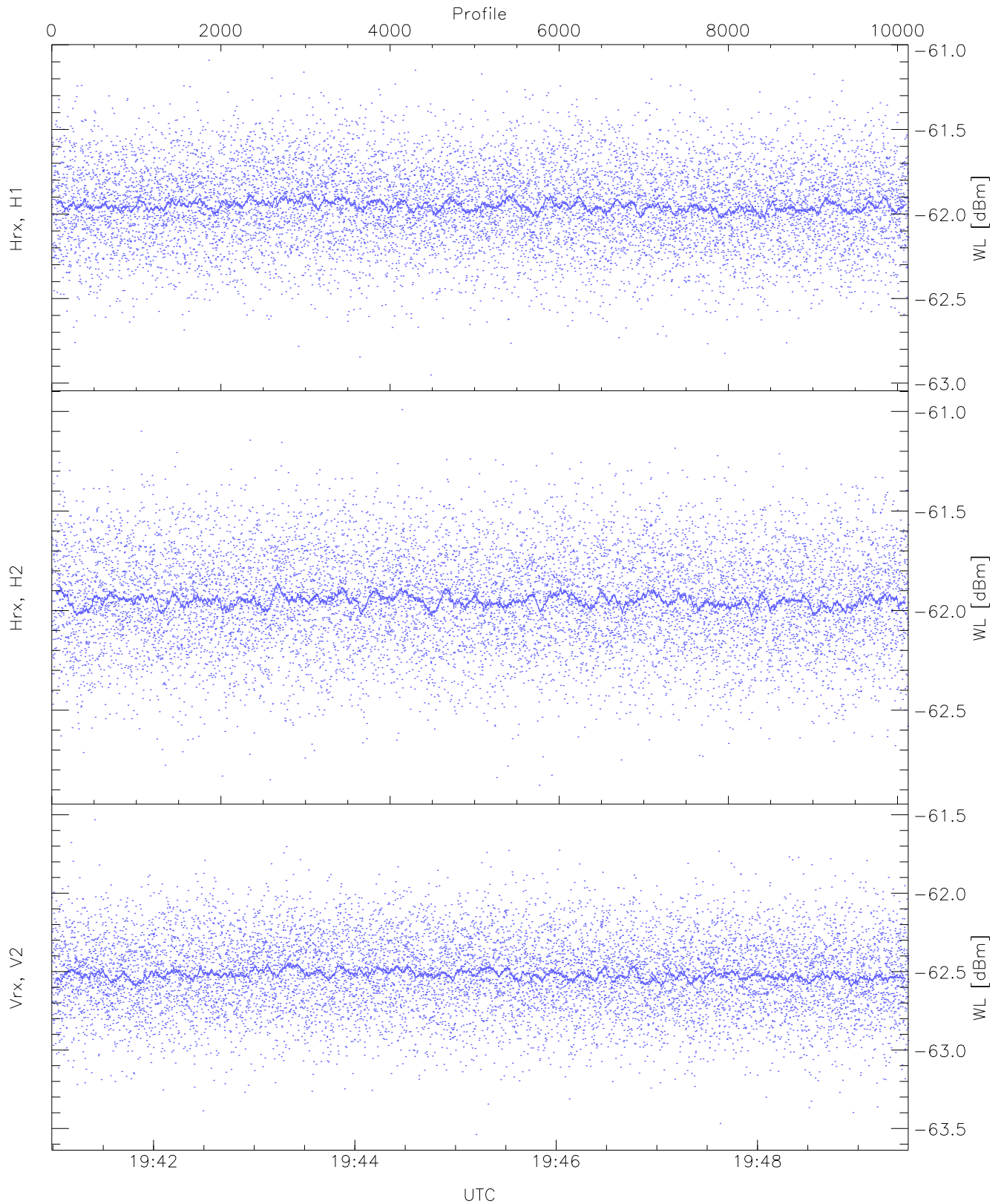
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,17,24,27,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,28,29,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (5,5,5,5,5,10)



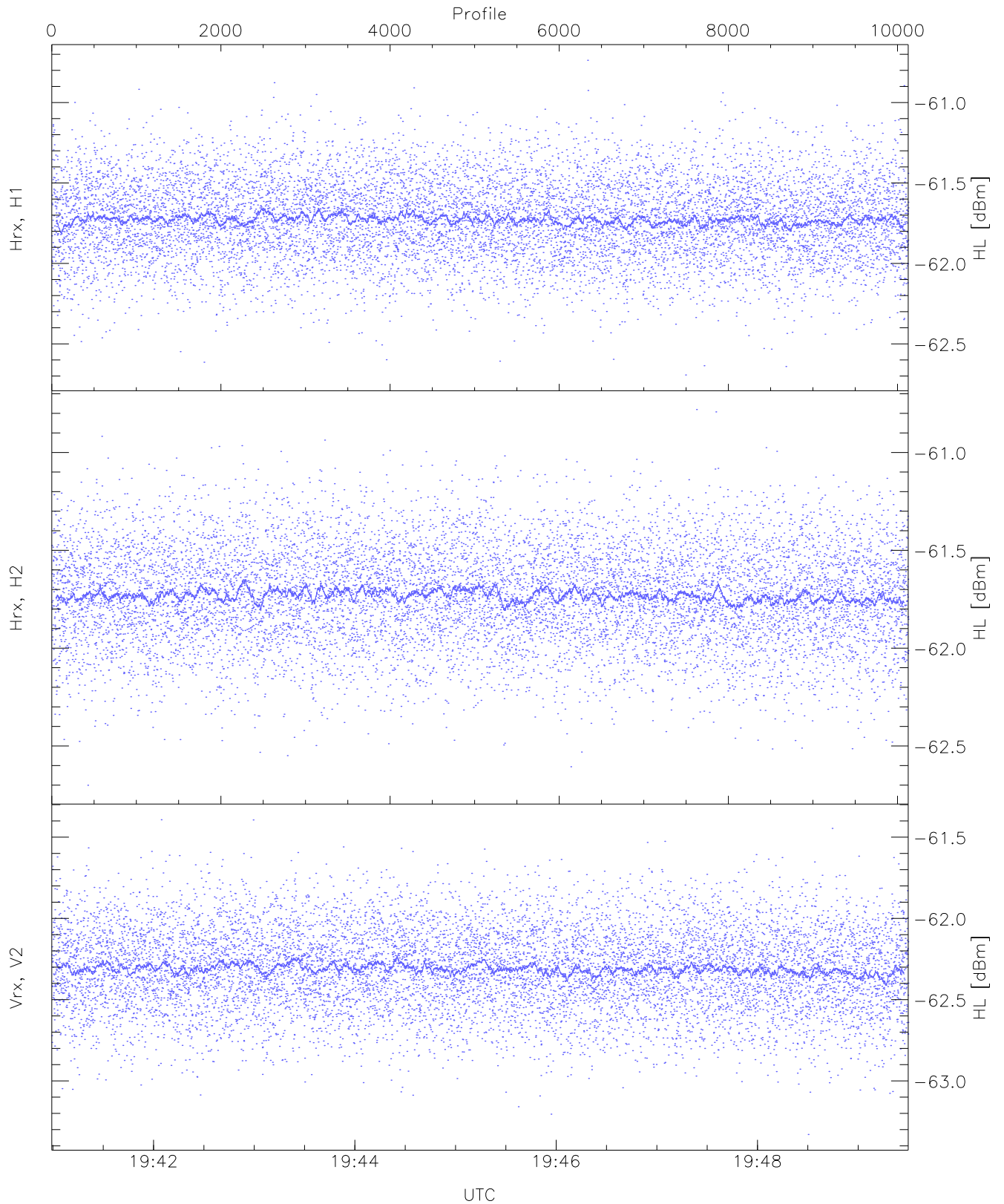
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9887 pixs, 25 gates, 8206 profs, 2 prods



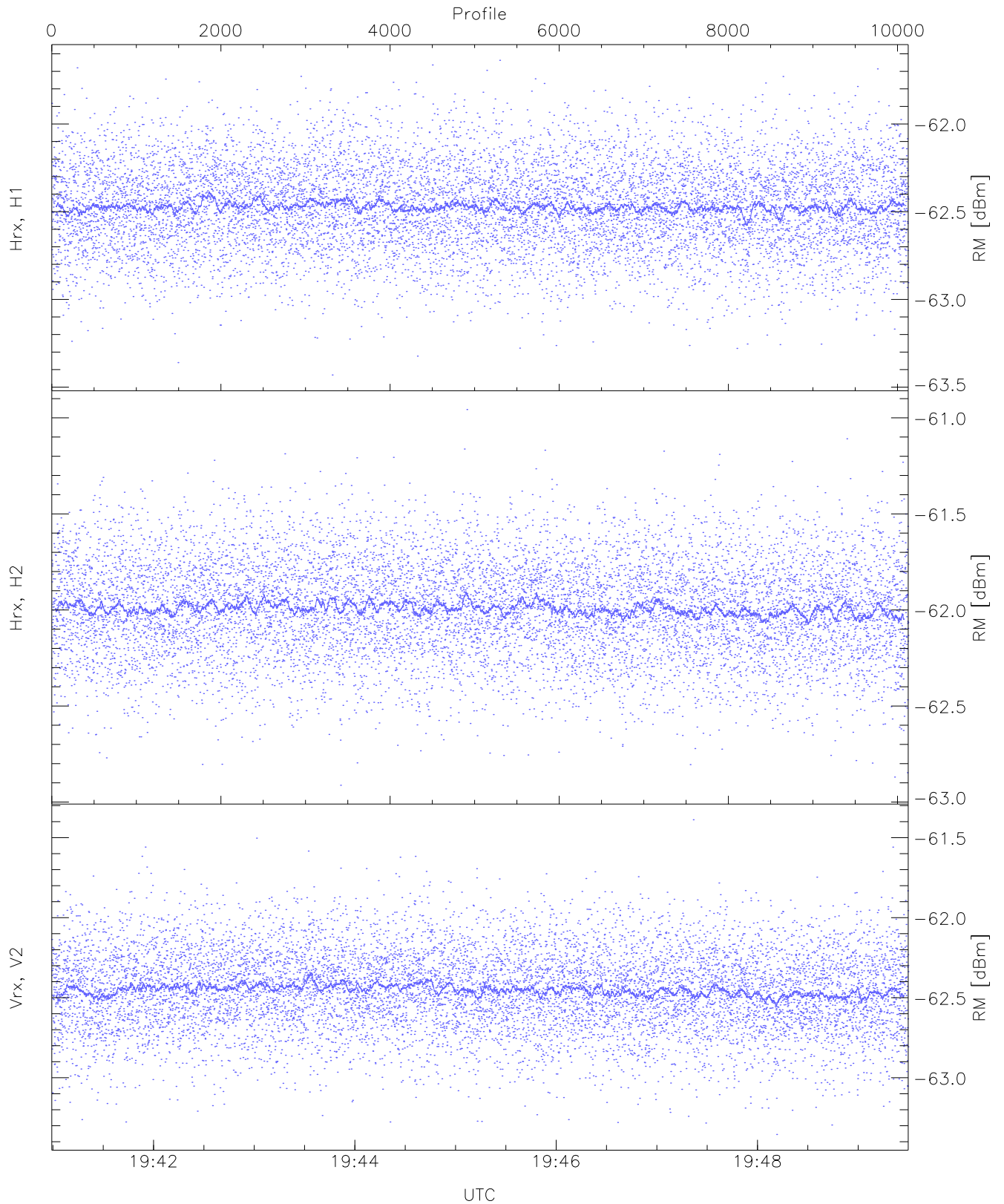
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.95	-61.09	-61.95	-61.95	-74.53
Hrx, H2(WL [dBm])	-62.88	-60.99	-61.95	-61.95	-74.47
Vrx, V2(WL [dBm])	-63.54	-61.53	-62.51	-62.52	-75.06



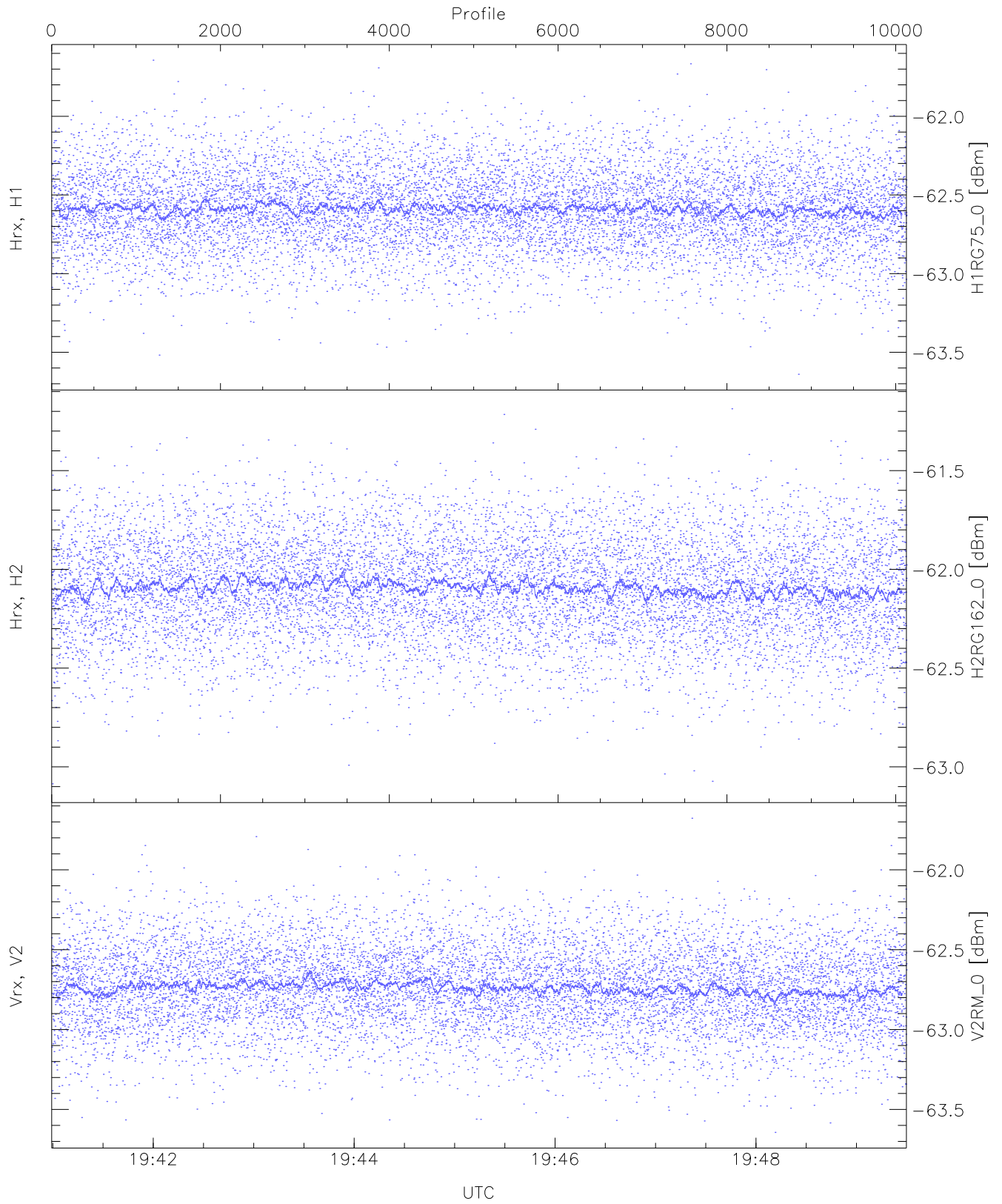
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.69	-60.74	-61.72	-61.73	-74.28
Hrx, H2 (HL [dBm])	-62.70	-60.78	-61.73	-61.73	-74.26
Vrx, V2 (HL [dBm])	-63.33	-61.39	-62.31	-62.31	-74.80



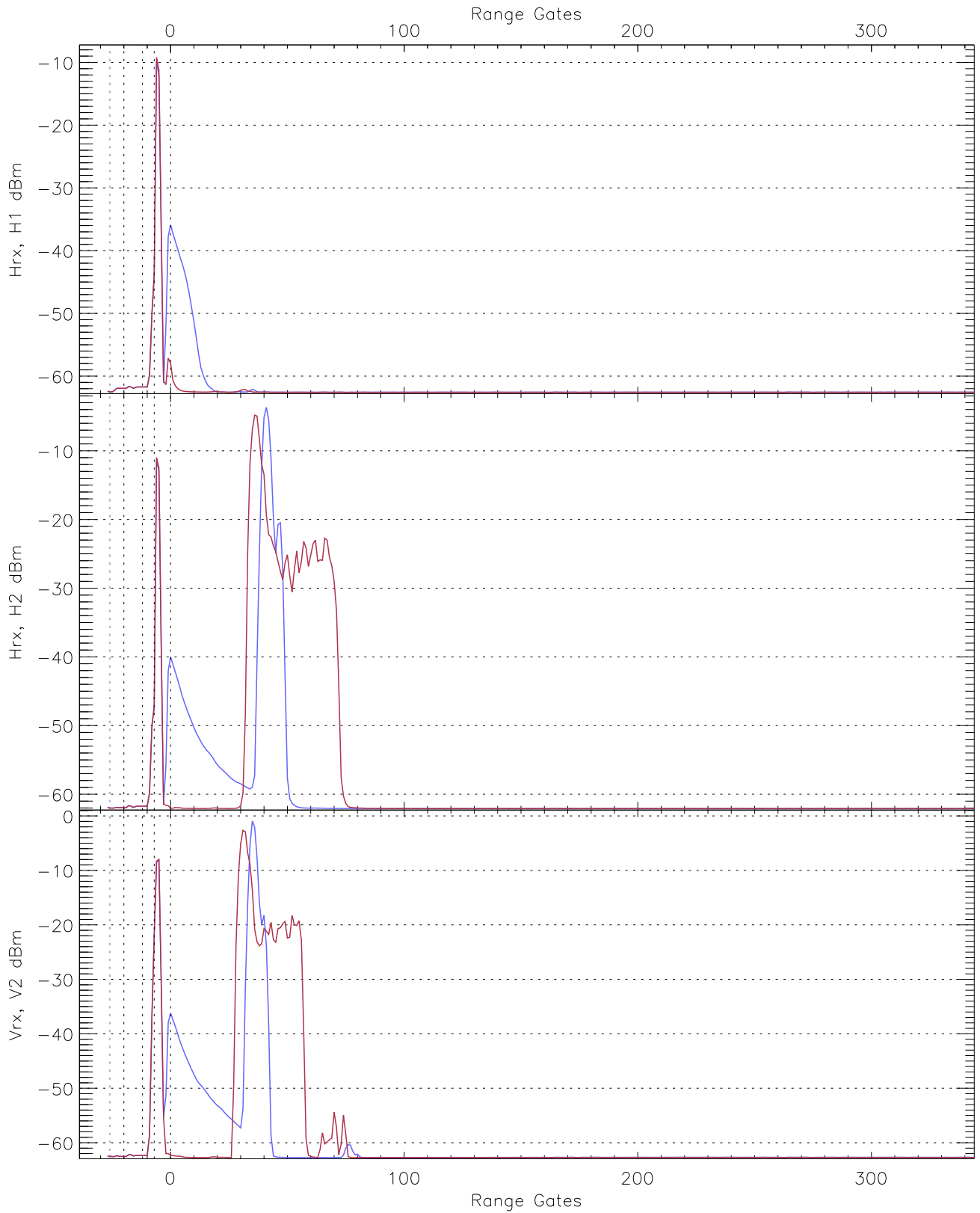
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.43	-61.64	-62.47	-62.47	-75.06
Hrx, H2 (RM [dBm])	-62.91	-60.96	-61.99	-61.99	-74.51
Vrx, V2 (RM [dBm])	-63.35	-61.39	-62.45	-62.45	-74.95

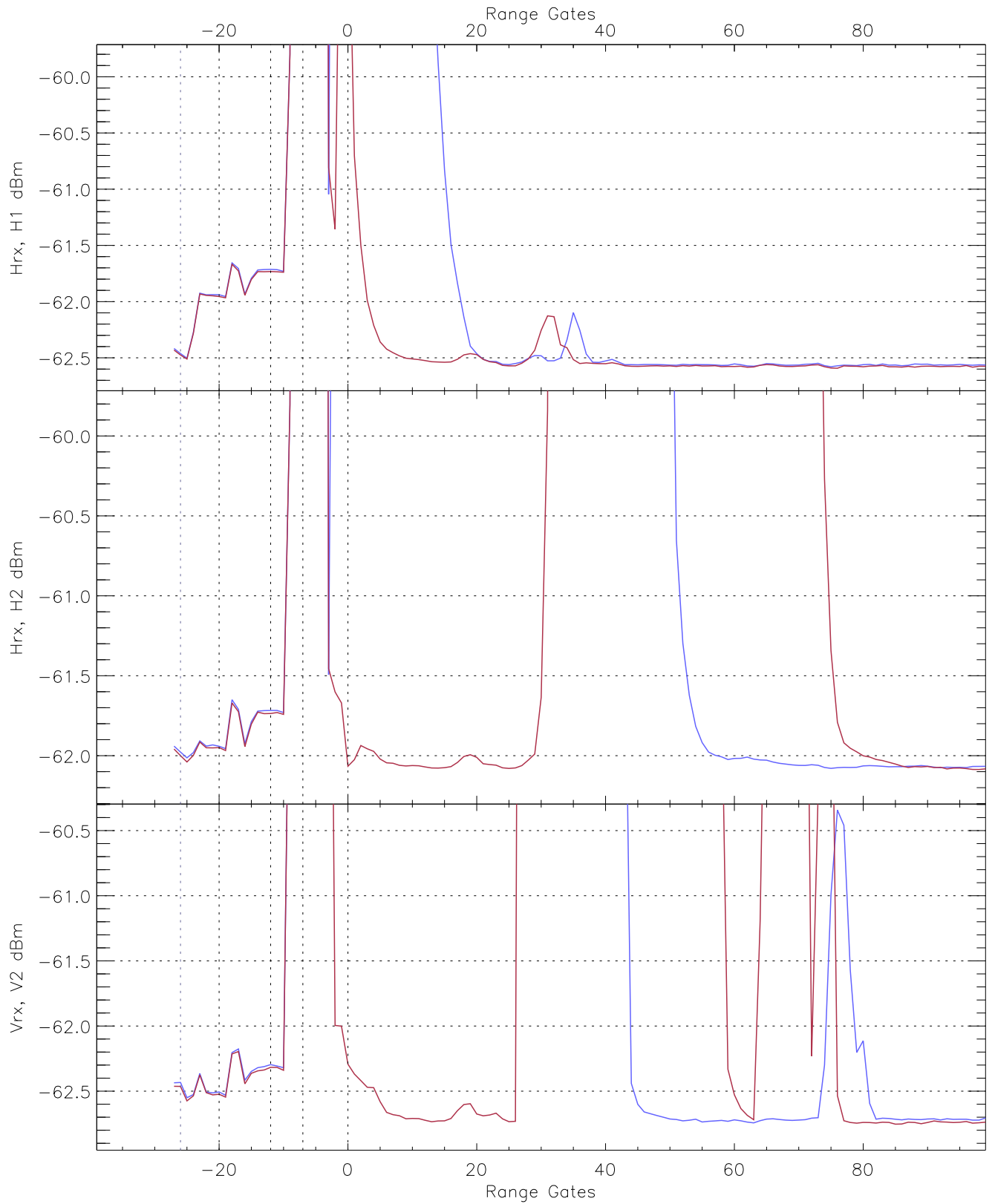


WCR2 CPP "Best" estimate Receivers Noise Power

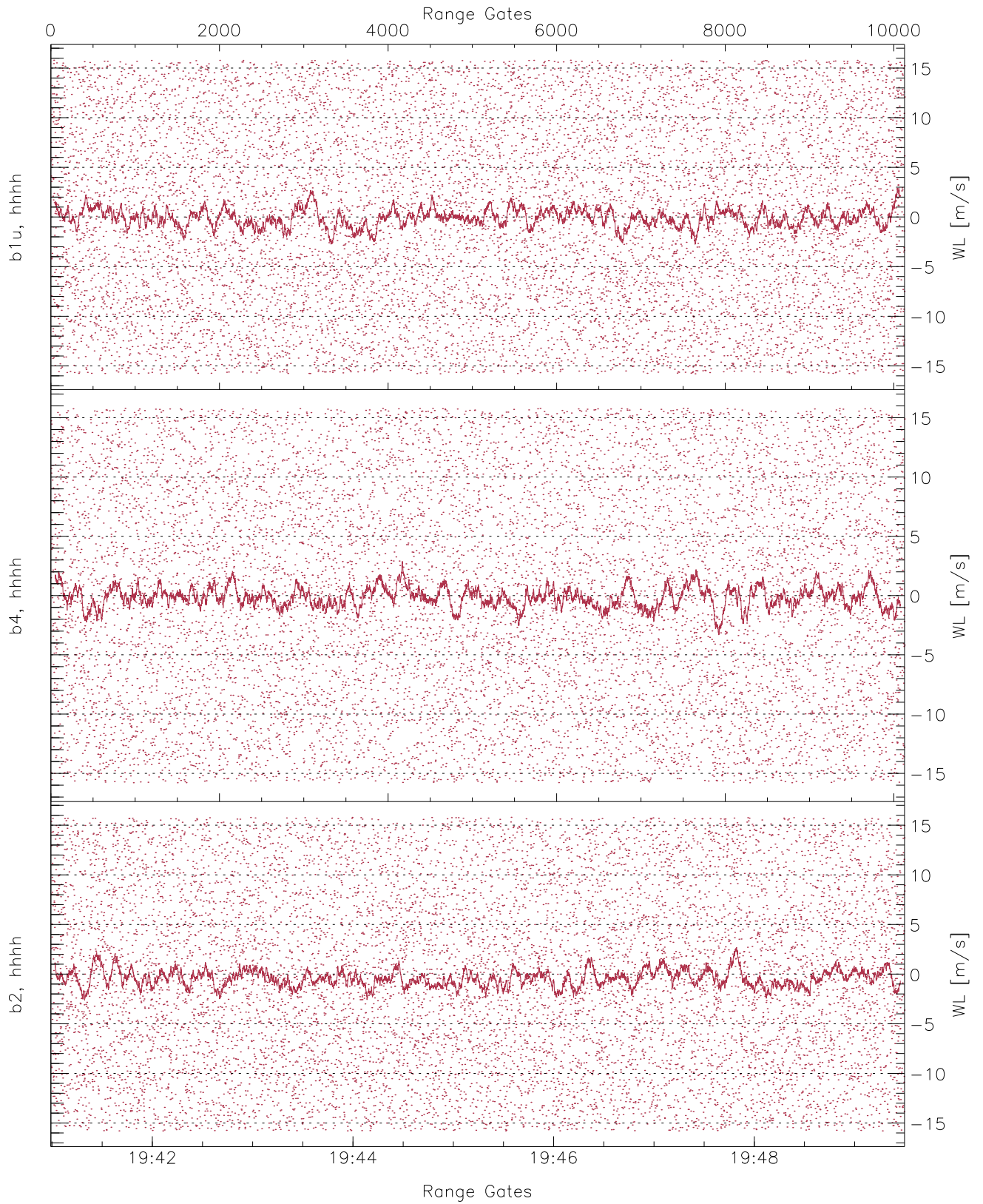
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.64	-61.64	-62.59	-62.59	-75.12
H2RG162_0 [dBm]	-63.09	-61.19	-62.09	-62.09	-74.63
V2RM_0 [dBm]	-63.64	-61.68	-62.74	-62.74	-75.24



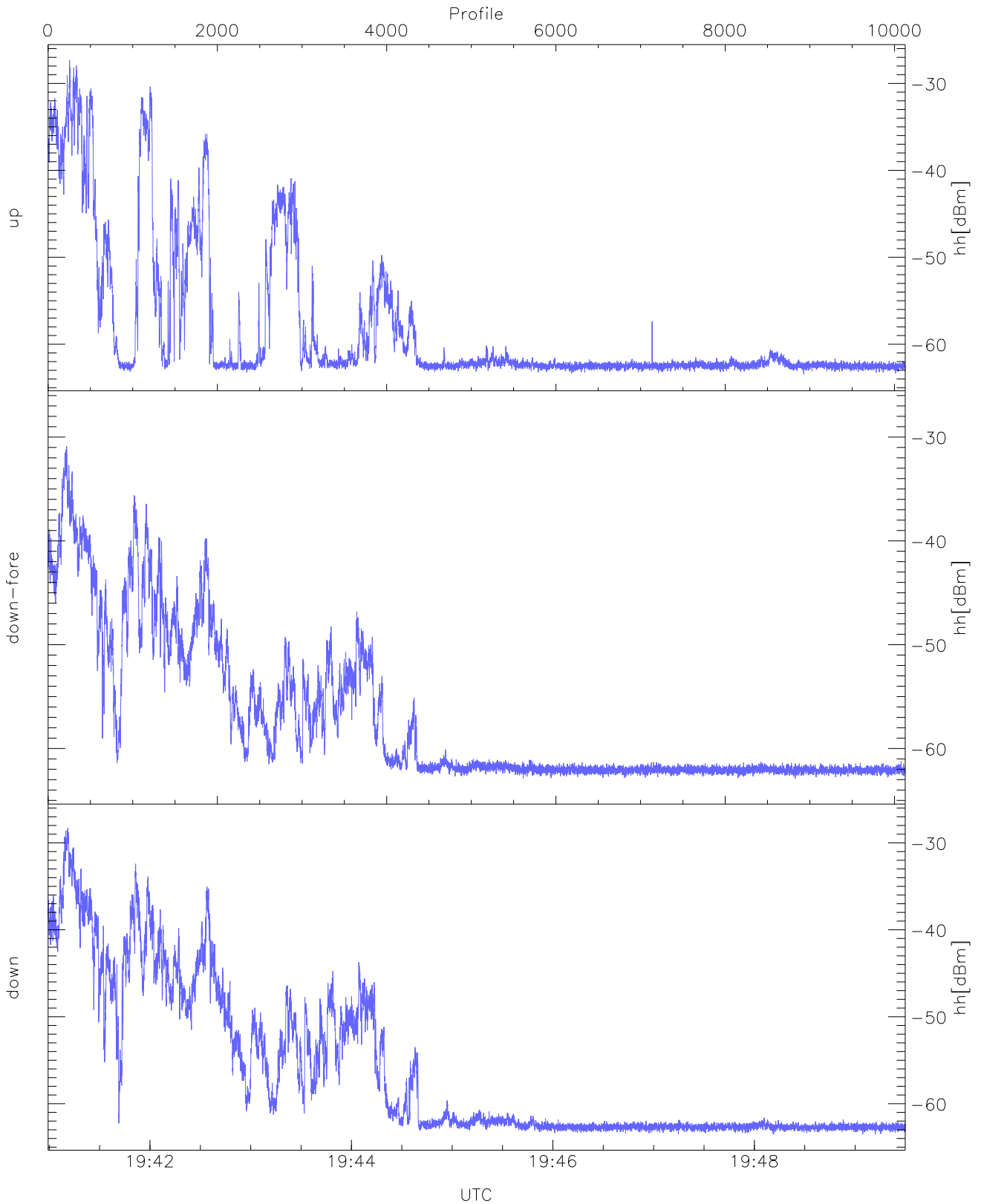
WCR2 CPP Averaged Received power for all recorded gates
blue: 194059-194515, 5065 profiles averaged
red: 194515-194930, 5064 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 194059-194515, 5065 profiles averaged
red: 194515-194930, 5064 profiles averaged

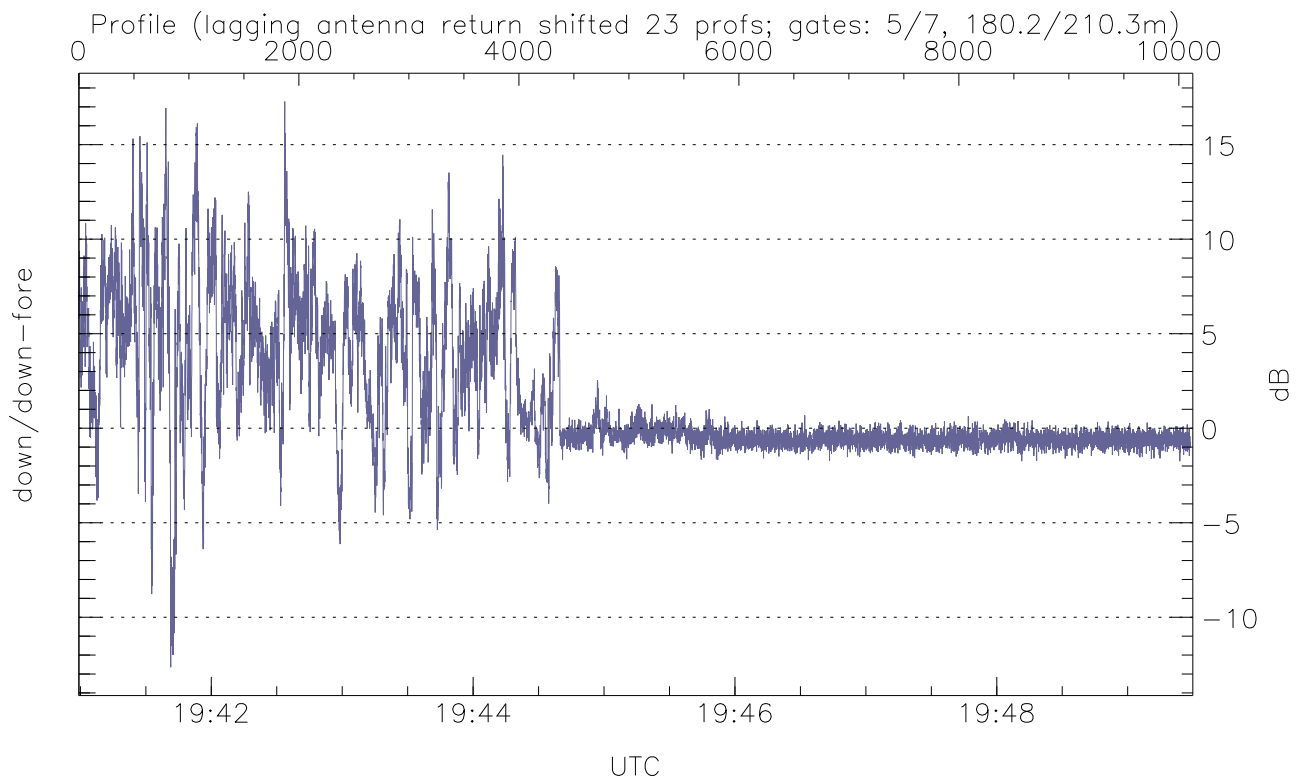
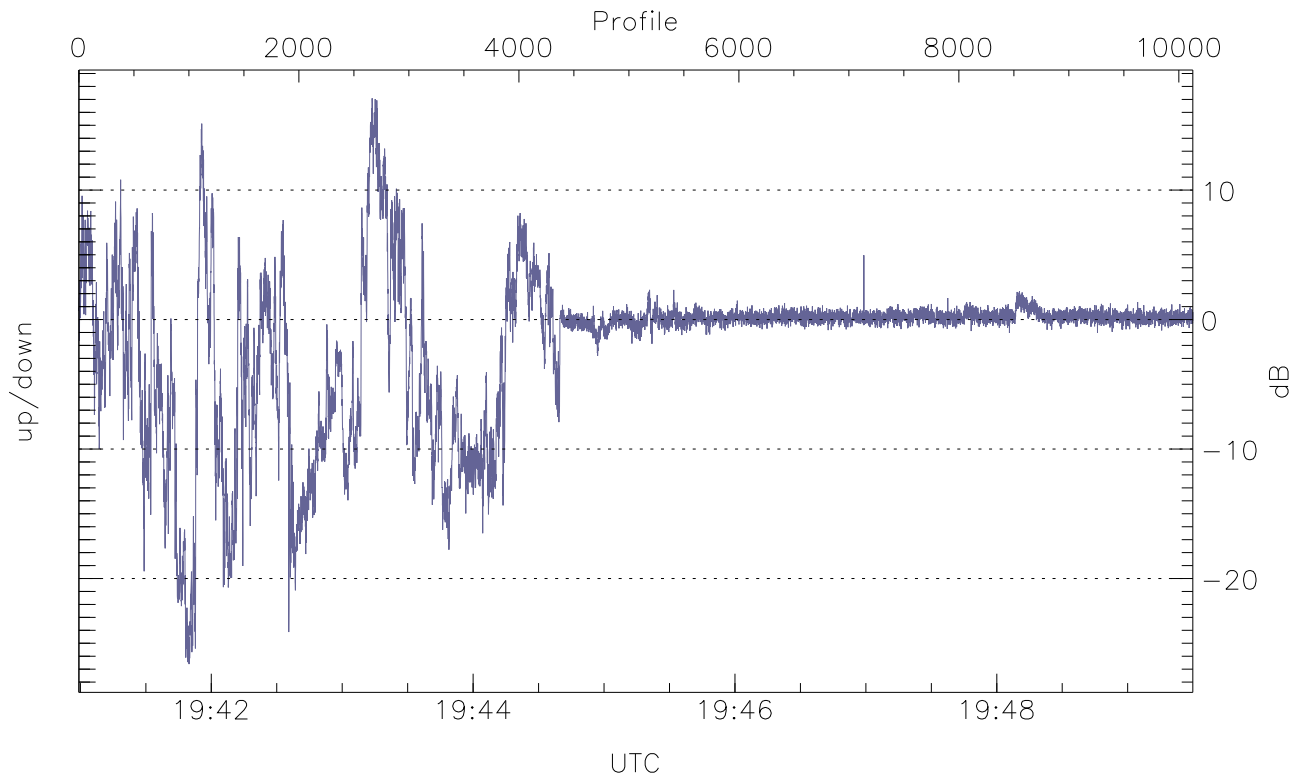


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



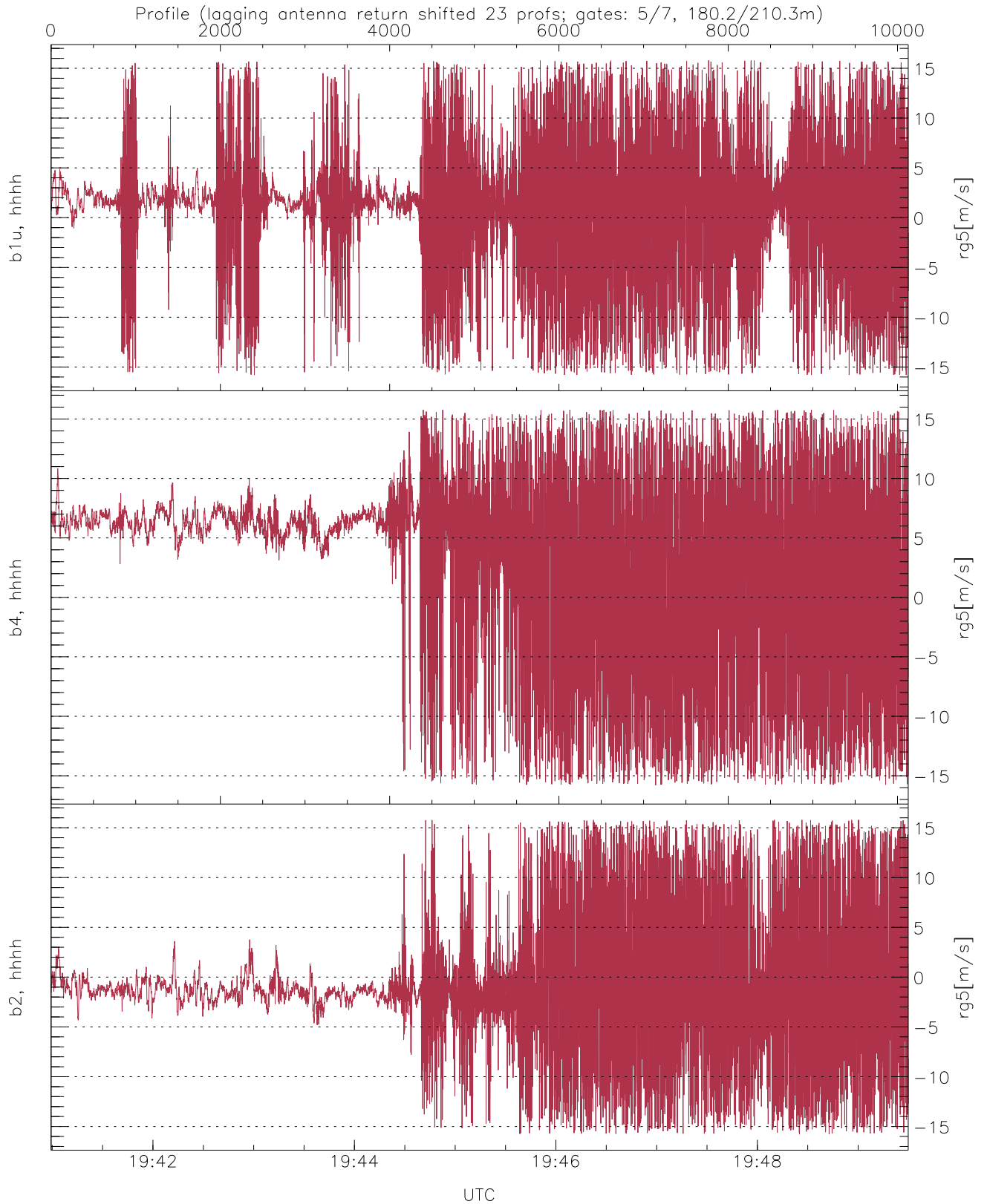
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.47	-27.34	-45.03
down-fore(hh[dBm])	-62.91	-30.88	-48.63
down(hh[dBm])	-63.54	-28.25	-45.48



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

	Min	Max	Mean
up/down (dB)	-26.61	17.09	-1.84
down/down-fore (dB)	-12.64	17.28	1.54



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	0.86	6.18
b4, hhhh(rg5[m/s])	-15.80	15.77	3.27	7.11
b2, hhhh(rg5[m/s])	-15.79	15.79	-1.12	6.13