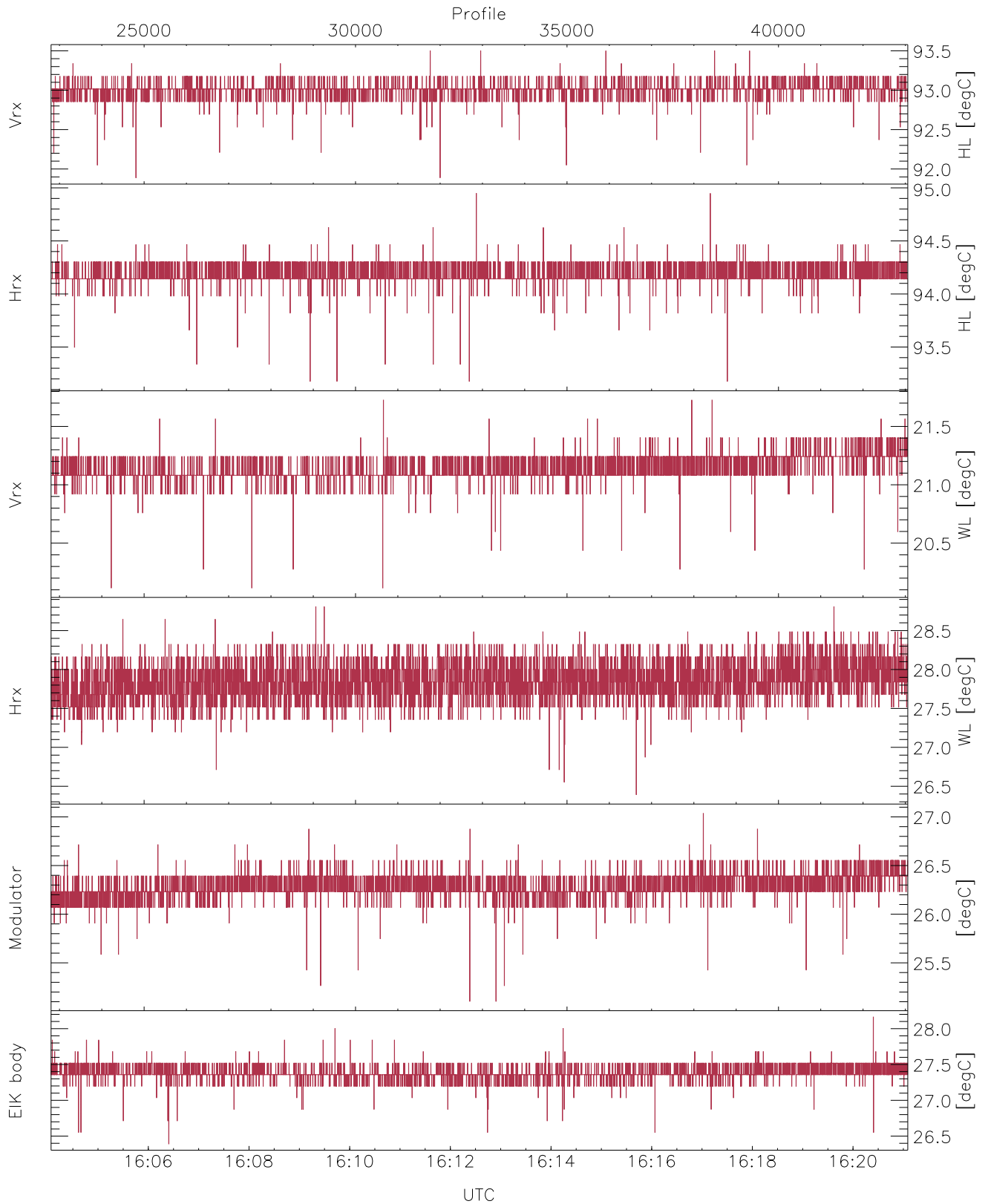


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

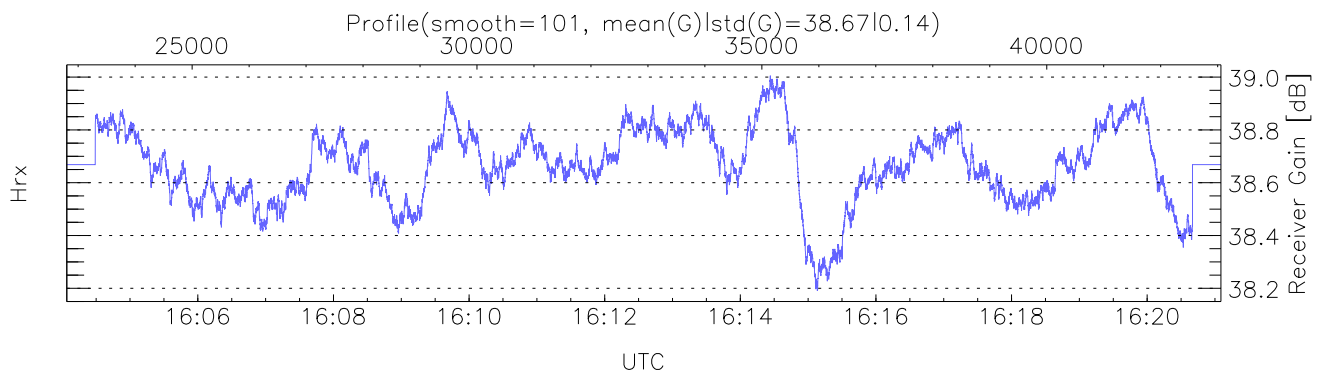
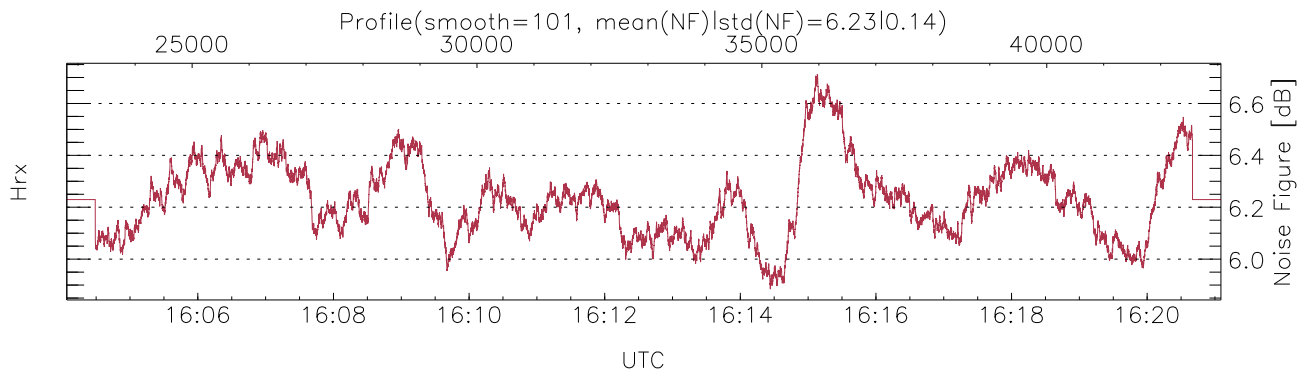
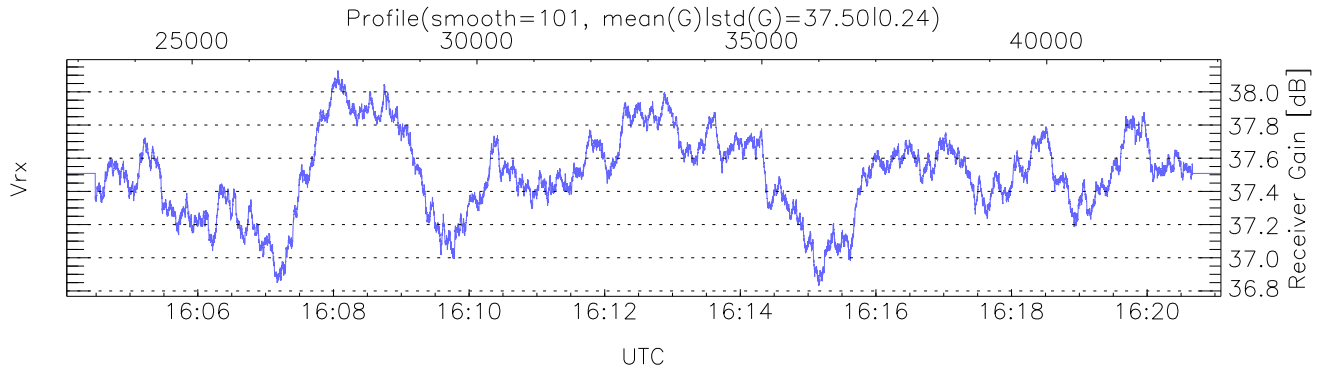
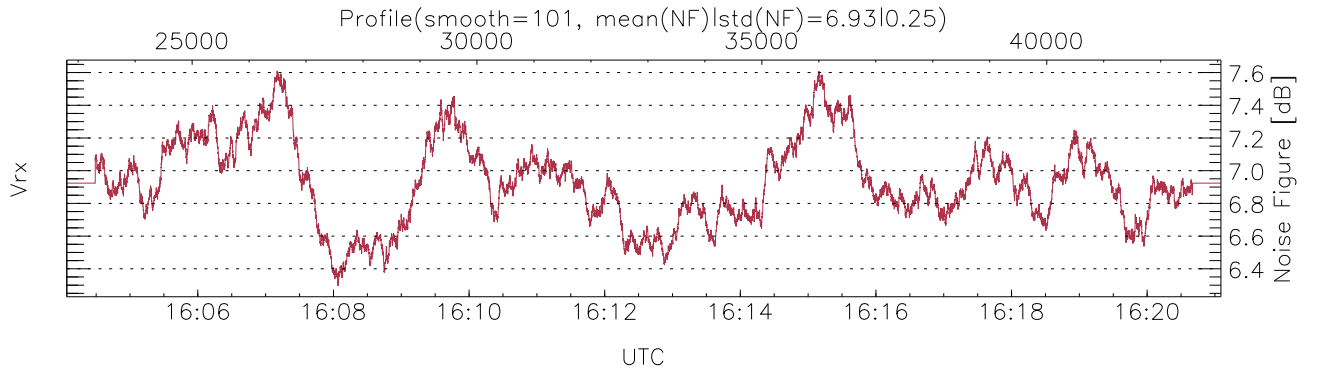
UTC: 15:44:55-16:21:05, Dur: 2170.67s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 20259/43059, 22800-43058/16:04:04-16:21:05
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 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

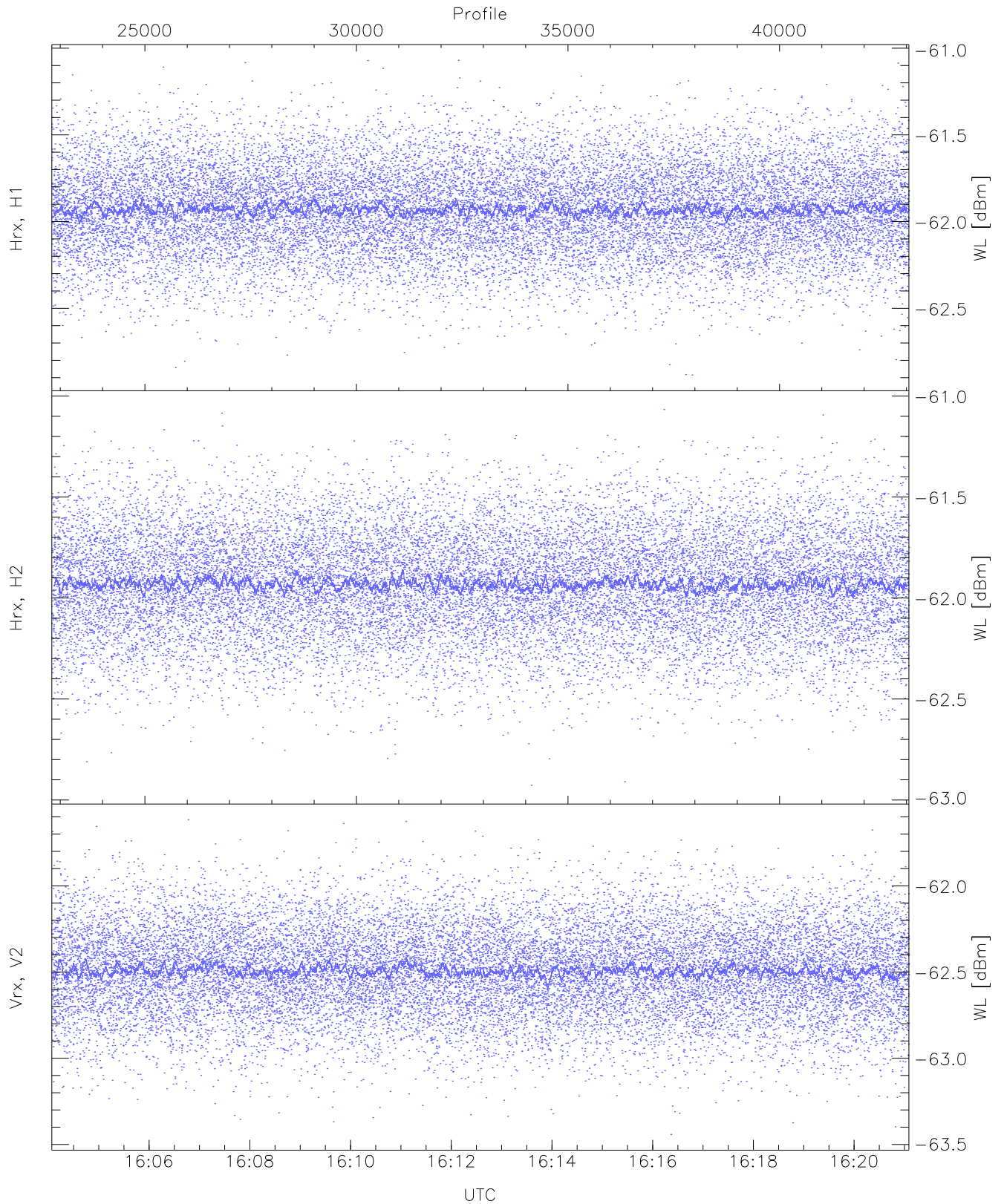
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,20,26,25,26
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,28,27,28
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (26,26,26,26,26,15)



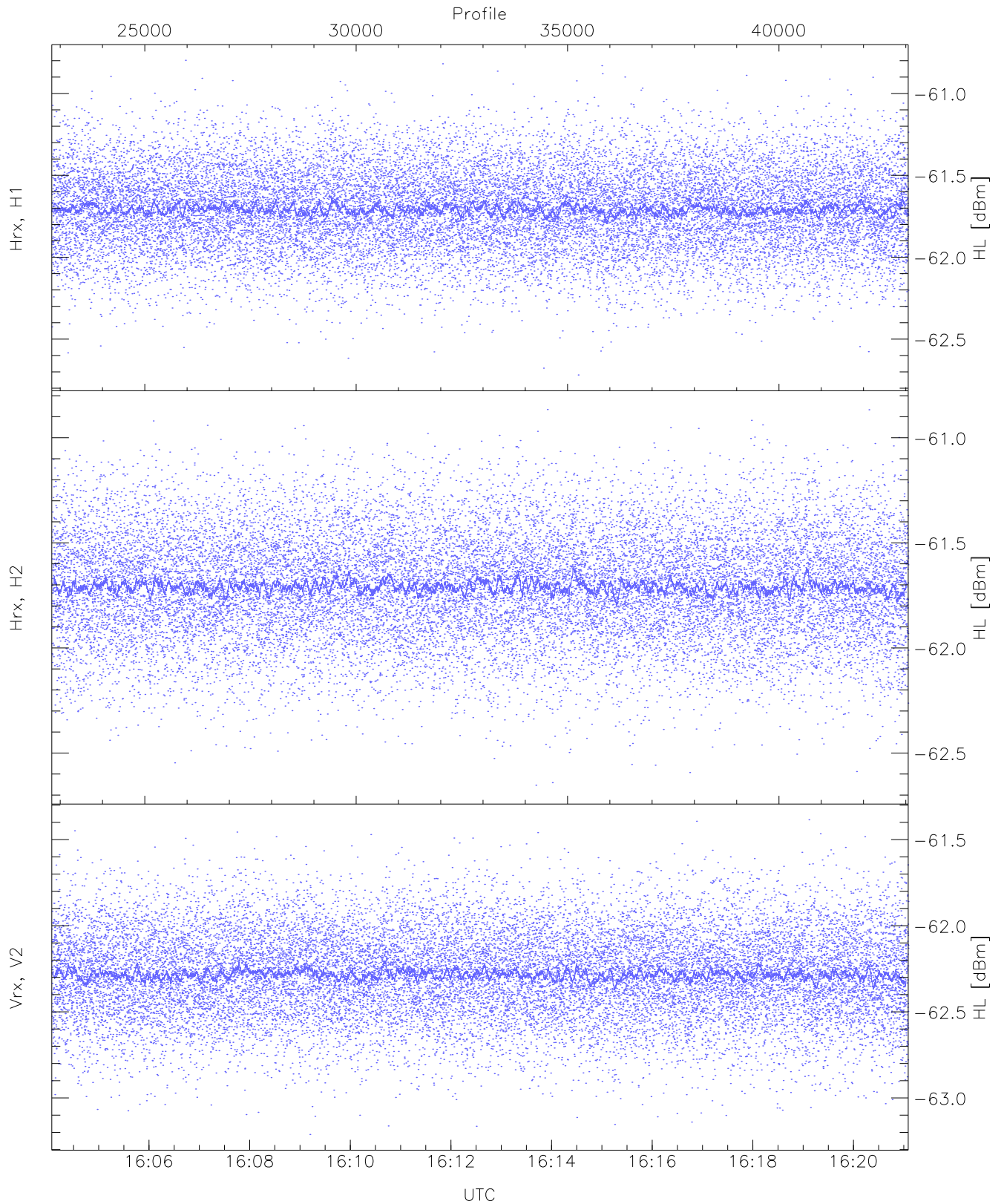
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 6268 pixs, 5 gates, 6268 profs, 1 prods



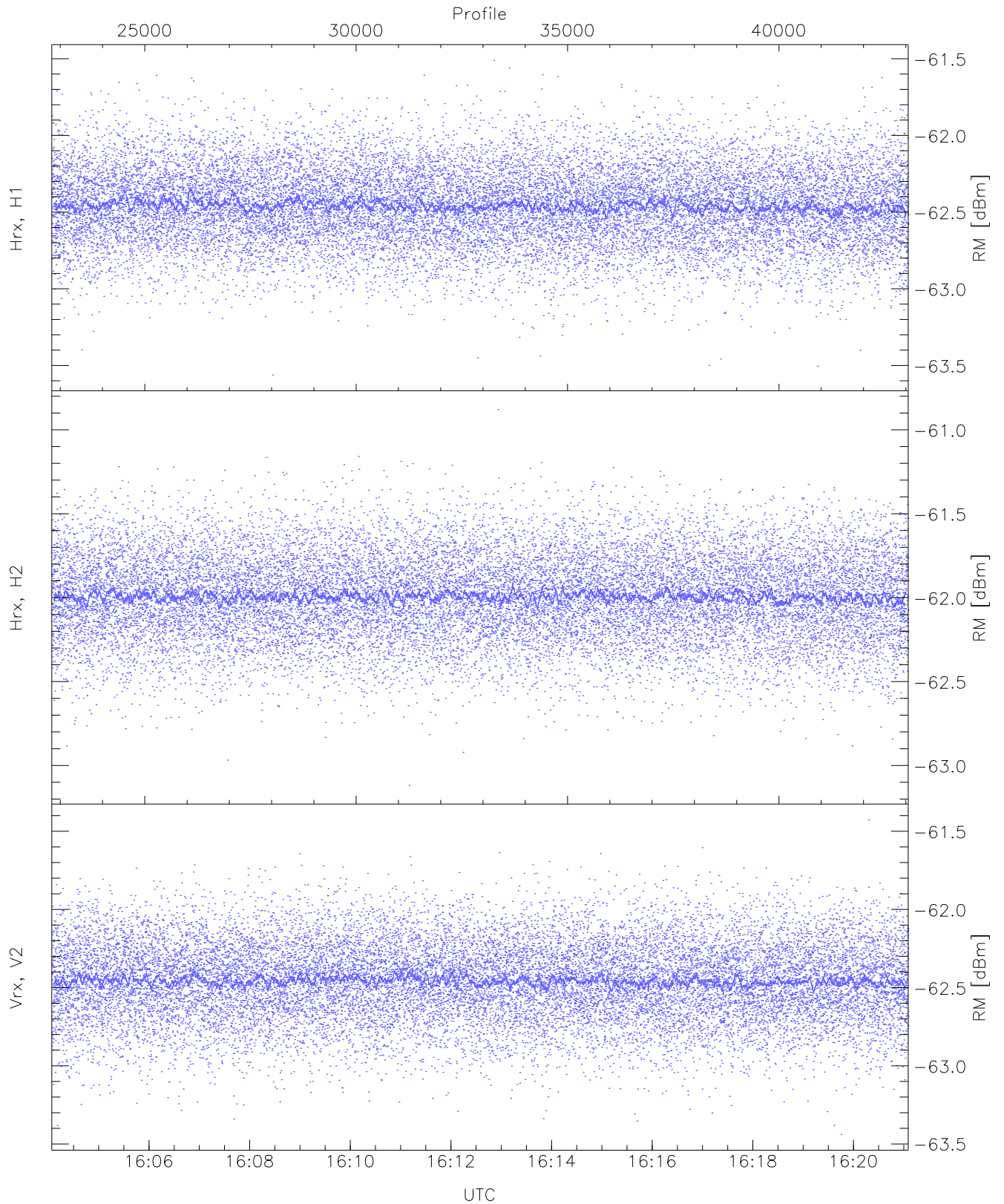
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.88	-61.07	-61.93	-61.93	-74.51
Hrx, H2 (WL [dBm])	-62.93	-61.07	-61.93	-61.93	-74.48
Vrx, V2 (WL [dBm])	-63.44	-61.62	-62.49	-62.49	-75.07



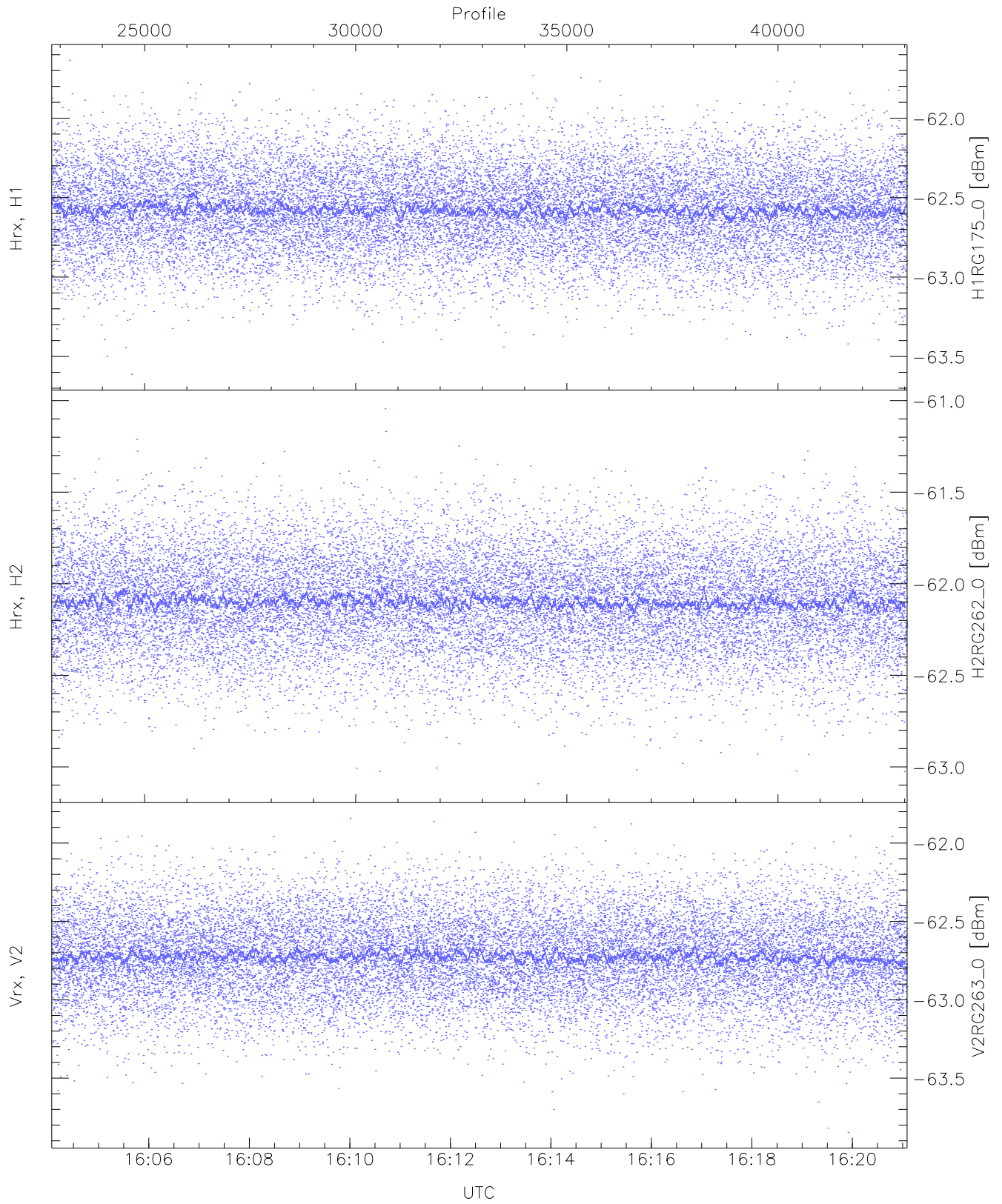
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.72	-60.80	-61.70	-61.71	-74.29
Hrx, H2 (HL [dBm])	-62.65	-60.87	-61.70	-61.71	-74.27
Vrx, V2 (HL [dBm])	-63.21	-61.39	-62.28	-62.28	-74.81



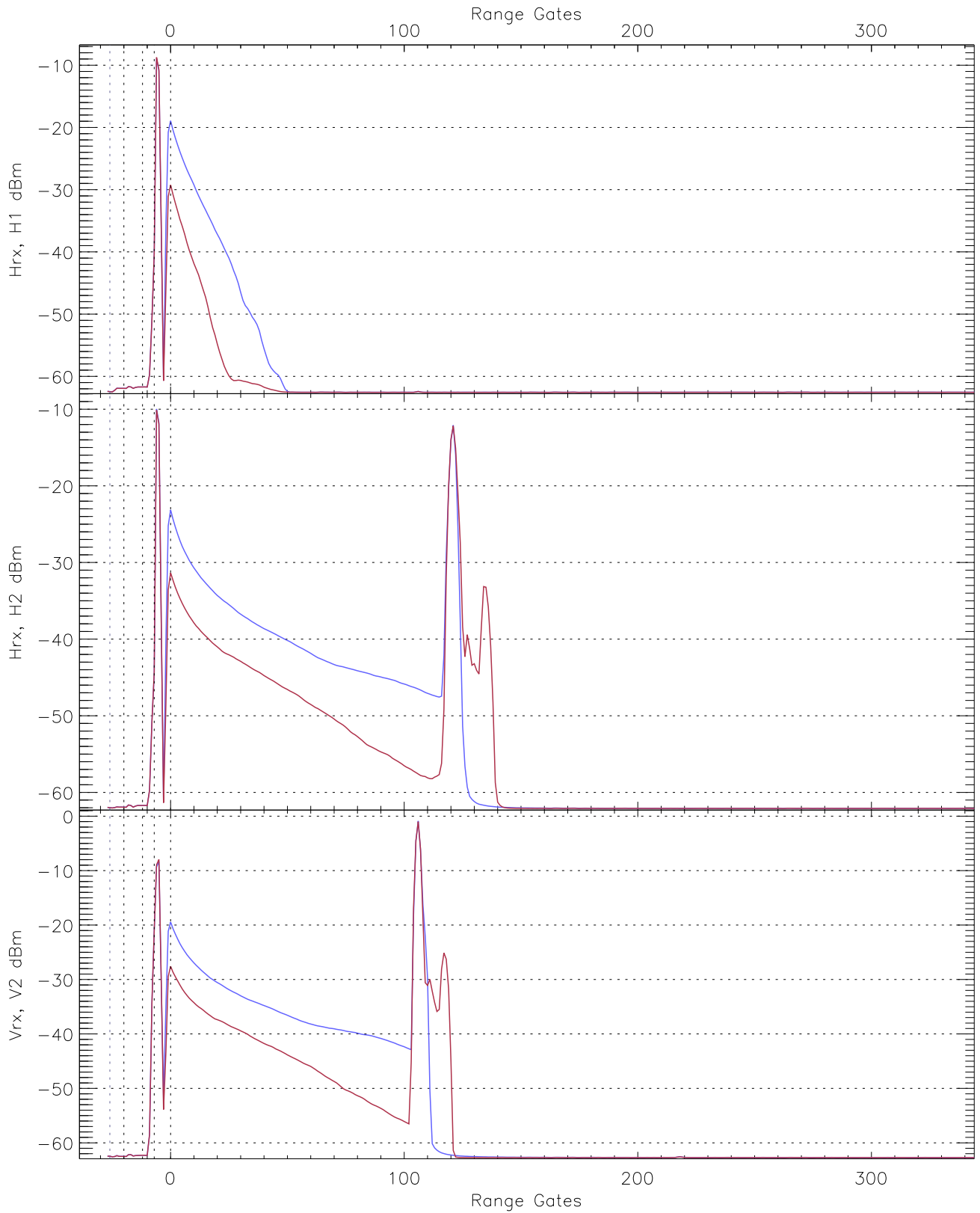
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.56	-61.51	-62.45	-62.46	-74.99
Hrx, H2 (RM [dBm])	-63.12	-60.88	-61.99	-62.00	-74.50
Vrx, V2 (RM [dBm])	-63.44	-61.43	-62.45	-62.46	-75.05

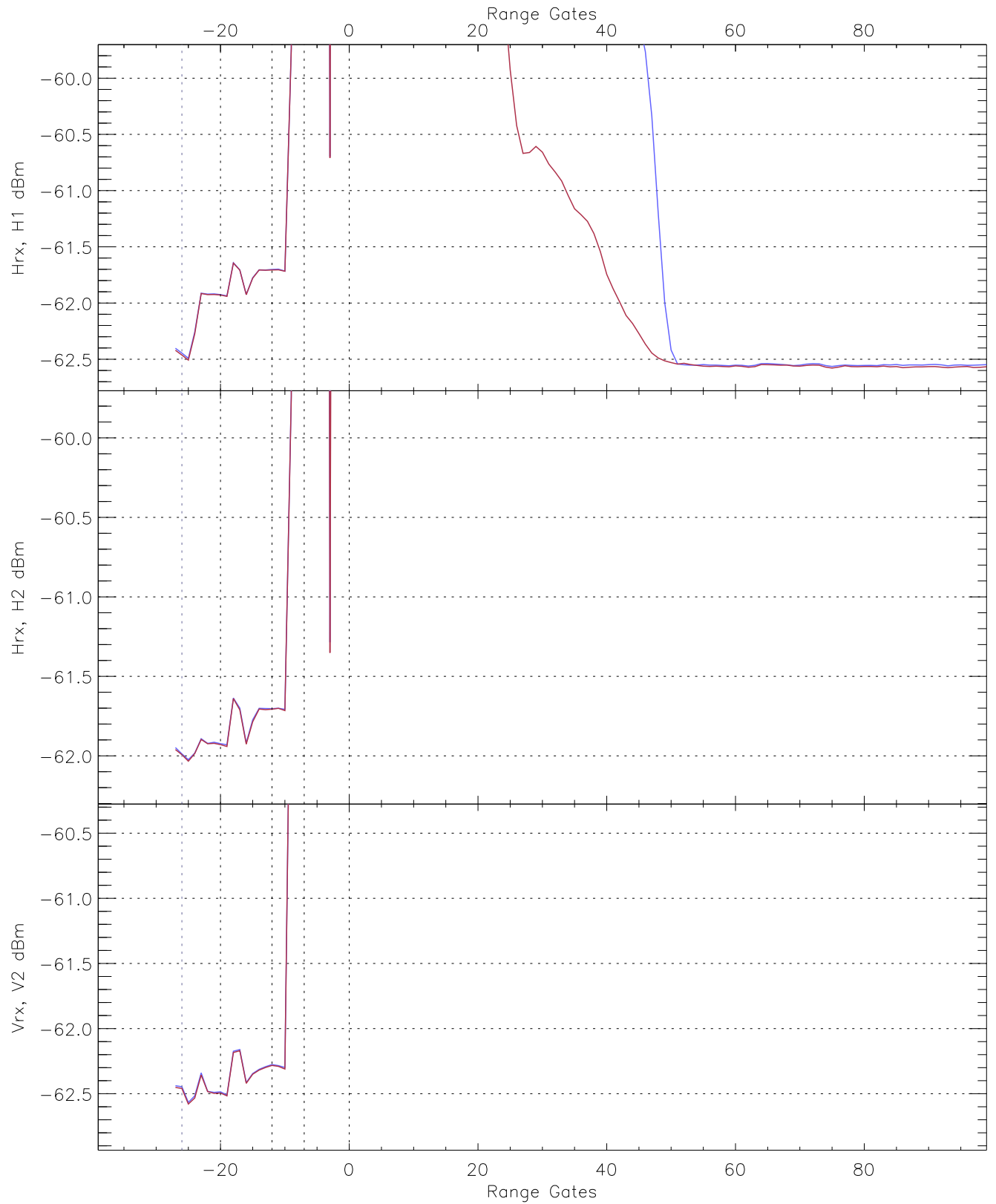


WCR2 CPP "Best" estimate Receivers Noise Power

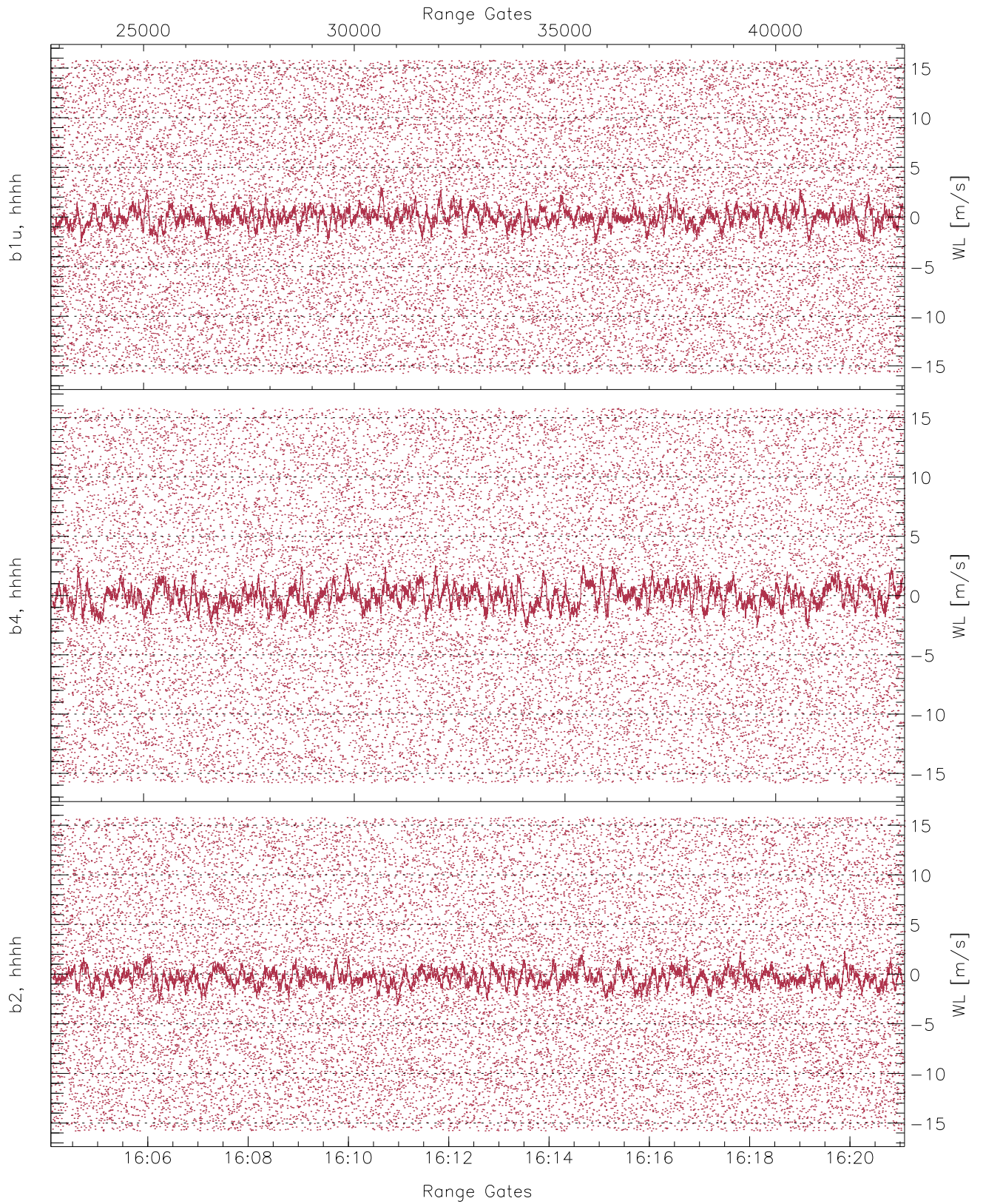
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.61	-61.63	-62.57	-62.58	-75.11
H2RG262_0 [dBm]	-63.09	-61.04	-62.10	-62.10	-74.64
V2RG263_0 [dBm]	-63.85	-61.84	-62.72	-62.73	-75.27



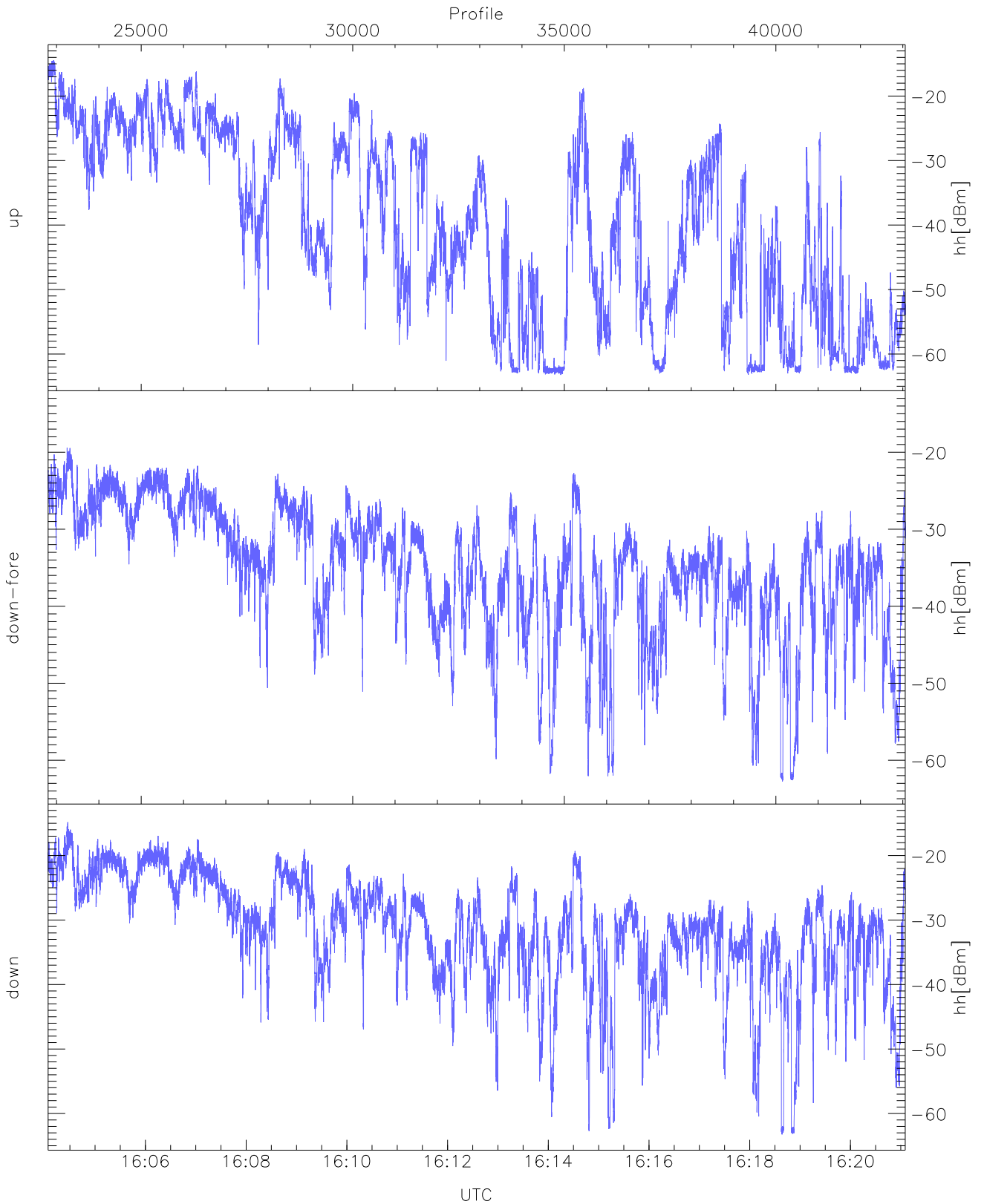
WCR2 CPP Averaged Received power for all recorded gates
blue: 160404-161235, 10130 profiles averaged
red: 161235-162105, 10130 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 160404-161235, 10130 profiles averaged
red: 161235-162105, 10130 profiles averaged

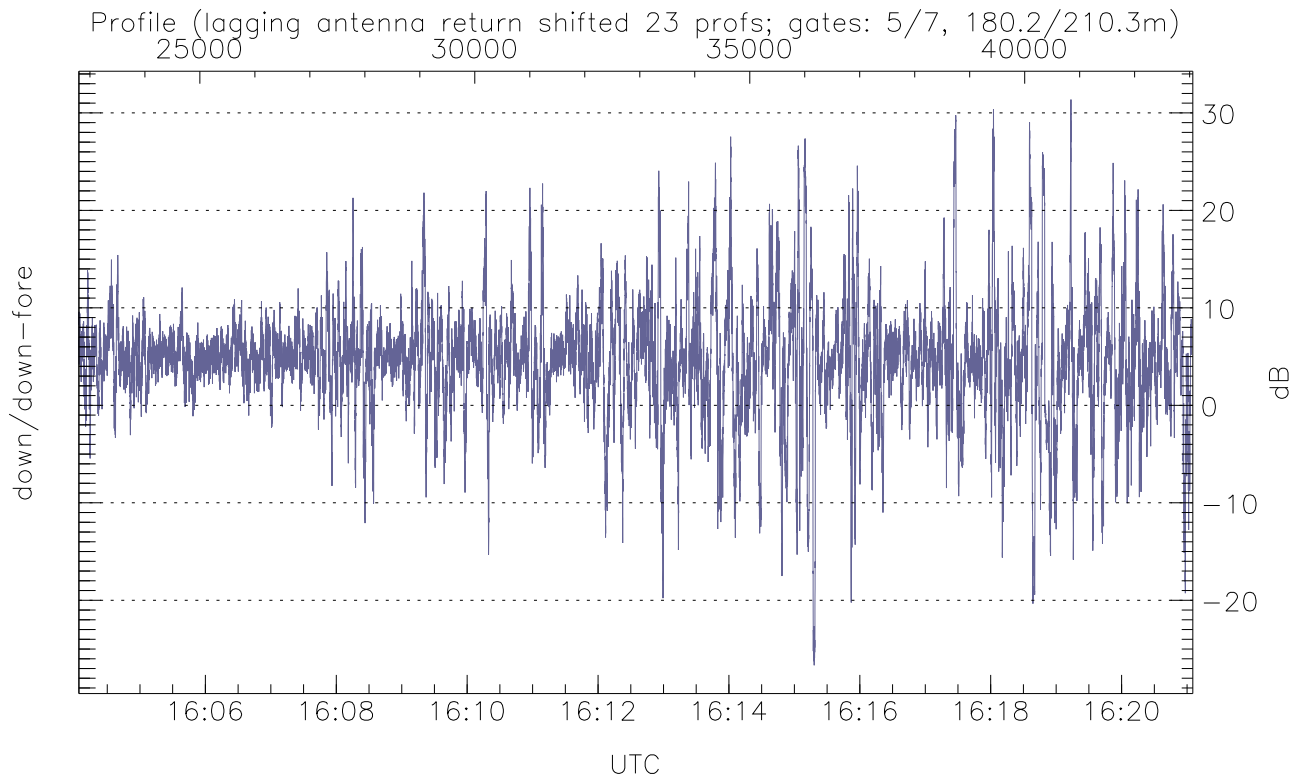
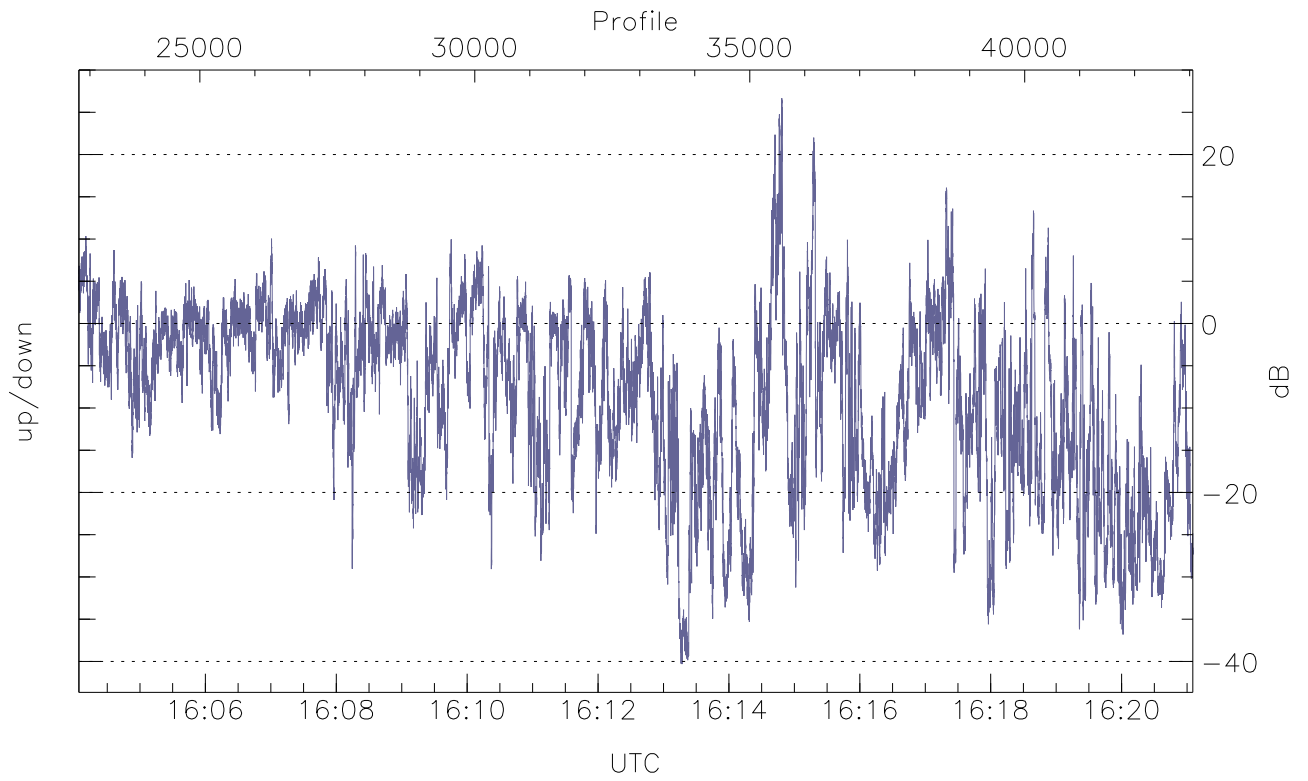


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



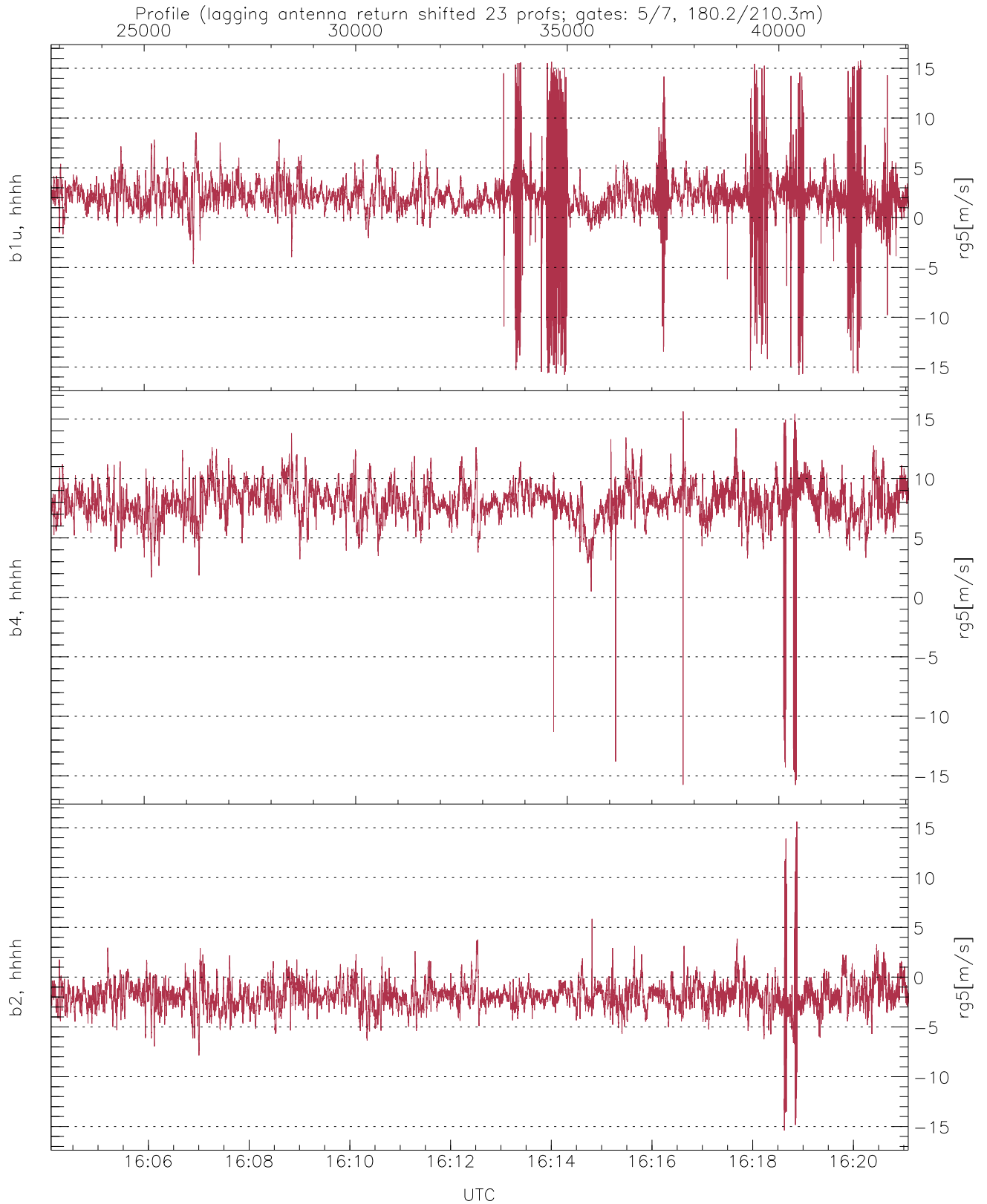
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh [dBm])	-63.24	-14.45	-27.57
down-fore(hh [dBm])	-62.75	-19.41	-30.19
down(hh [dBm])	-63.25	-14.83	-26.45



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

	Min	Max	Mean
up/down (dB)	-40.31	26.66	-8.61
down/down-fore (dB)	-26.67	31.38	4.65



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.77	15.78	2.07	2.36
b4, hhhh(rg5[m/s])	-15.78	15.64	7.97	1.76
b2, hhhh(rg5[m/s])	-15.40	15.63	-1.86	1.42