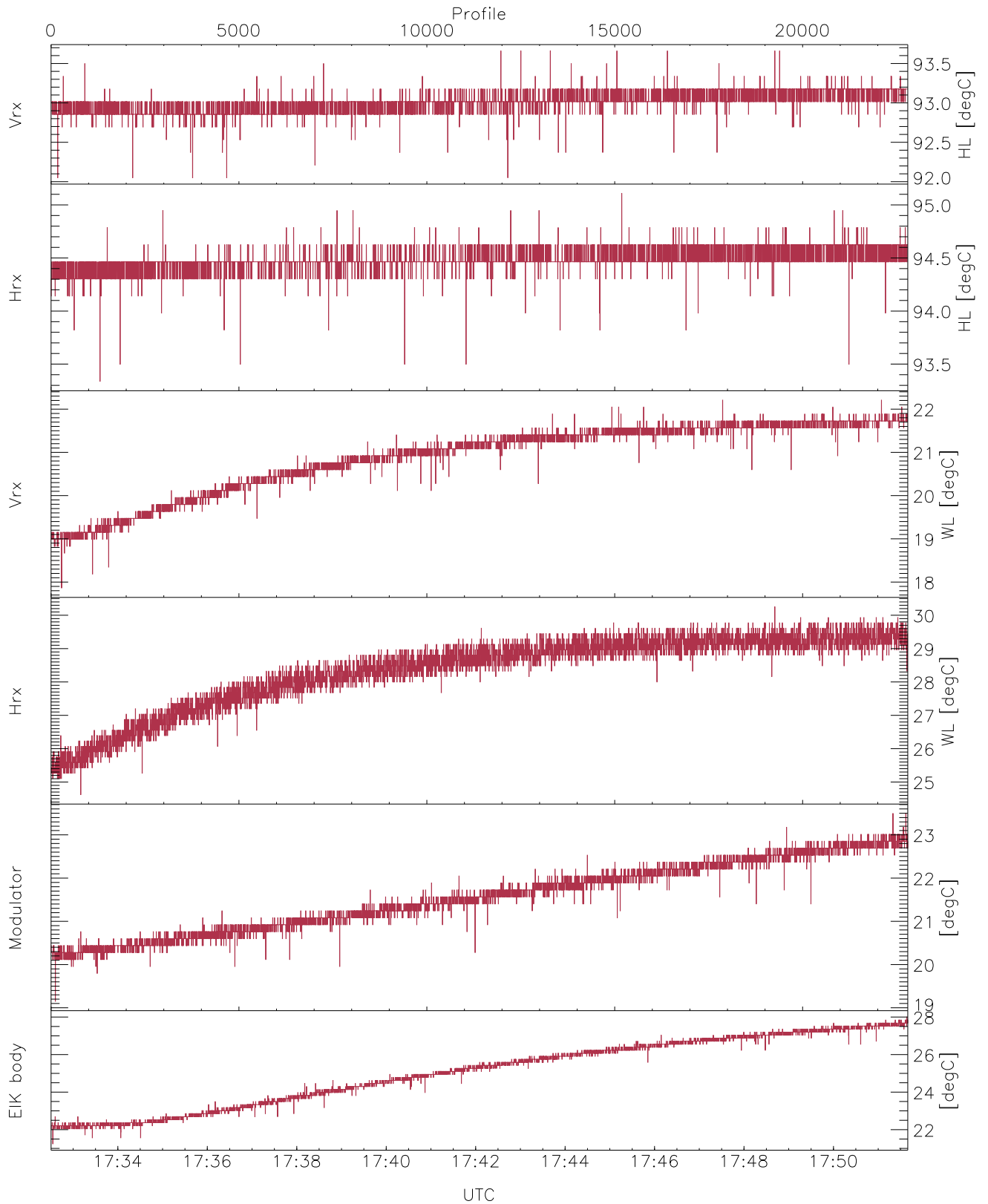


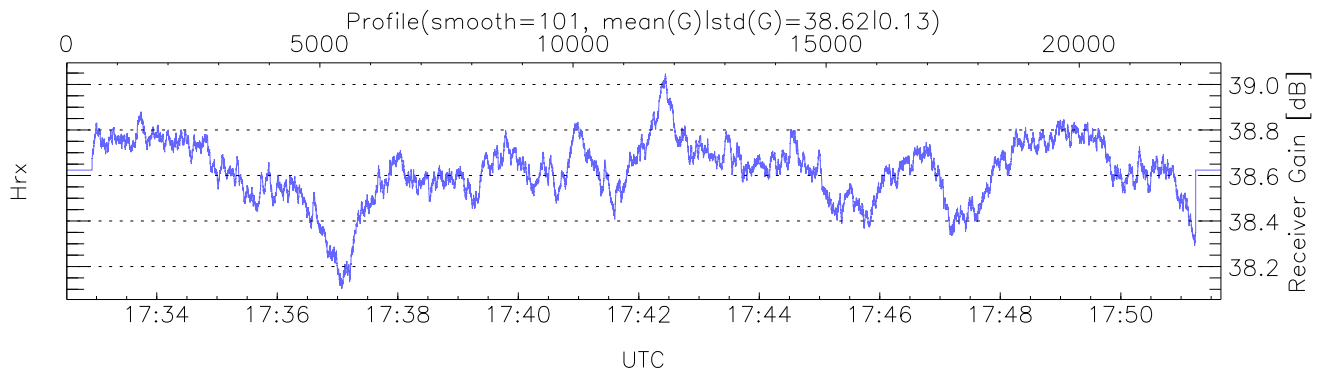
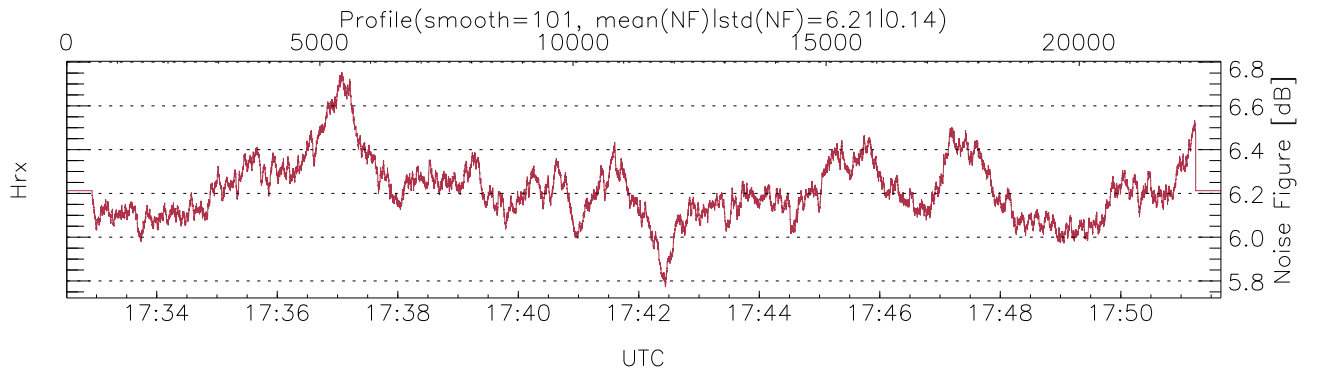
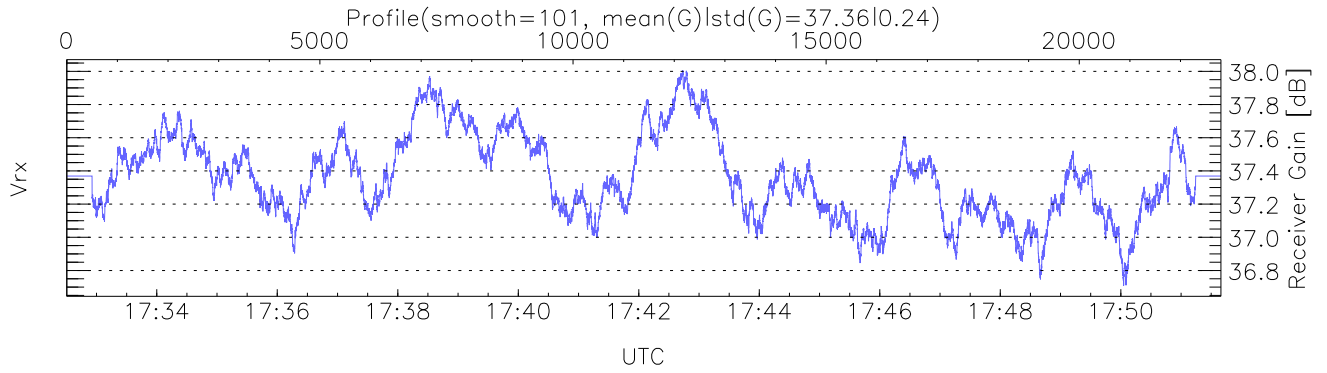
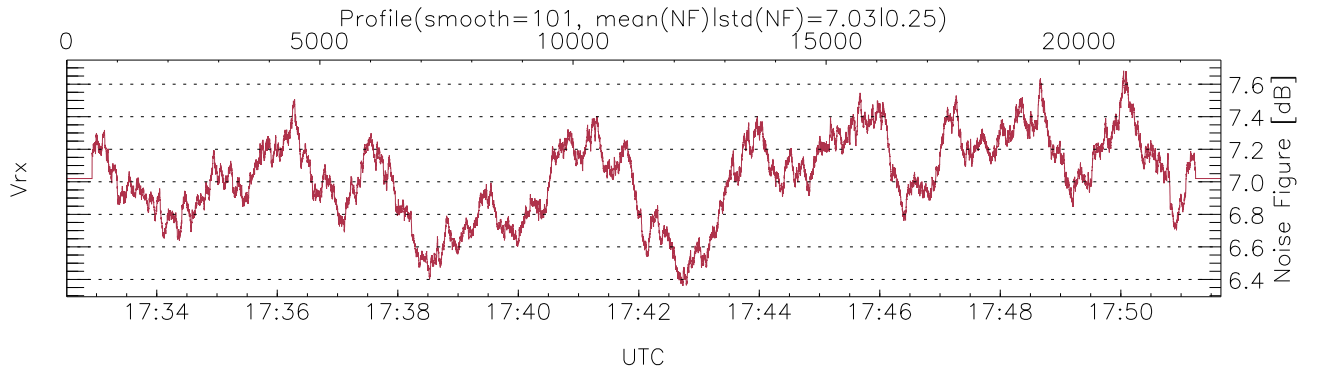
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:32:30-17:59:31, Dur: 1620.97s
 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): 22800/32155, 0-22799/17:32:30-17:51:40
 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



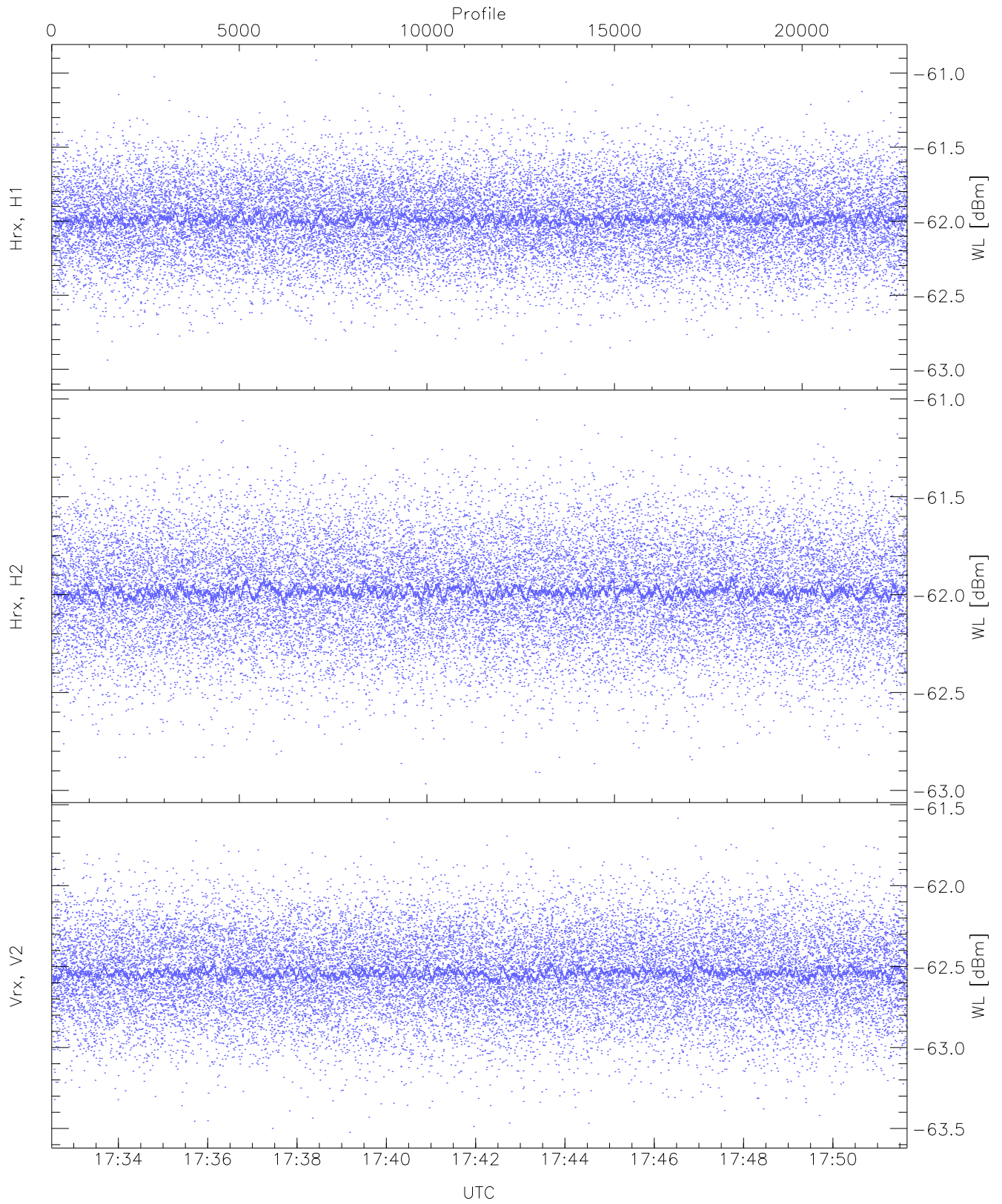
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,24,19,21
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,23,28
 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)



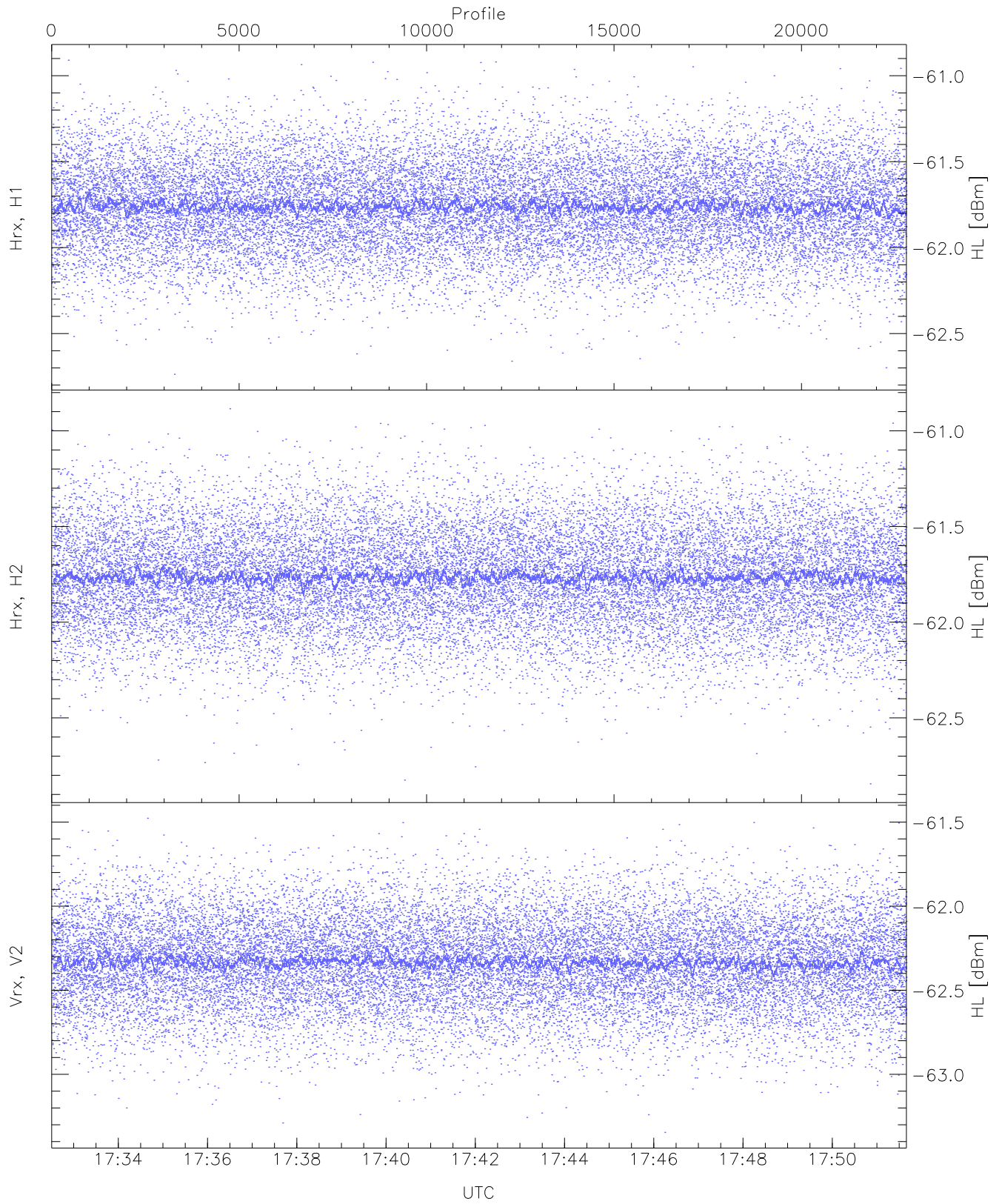
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 3464 pixs, 36 gates, 3439 profs, 2 prods



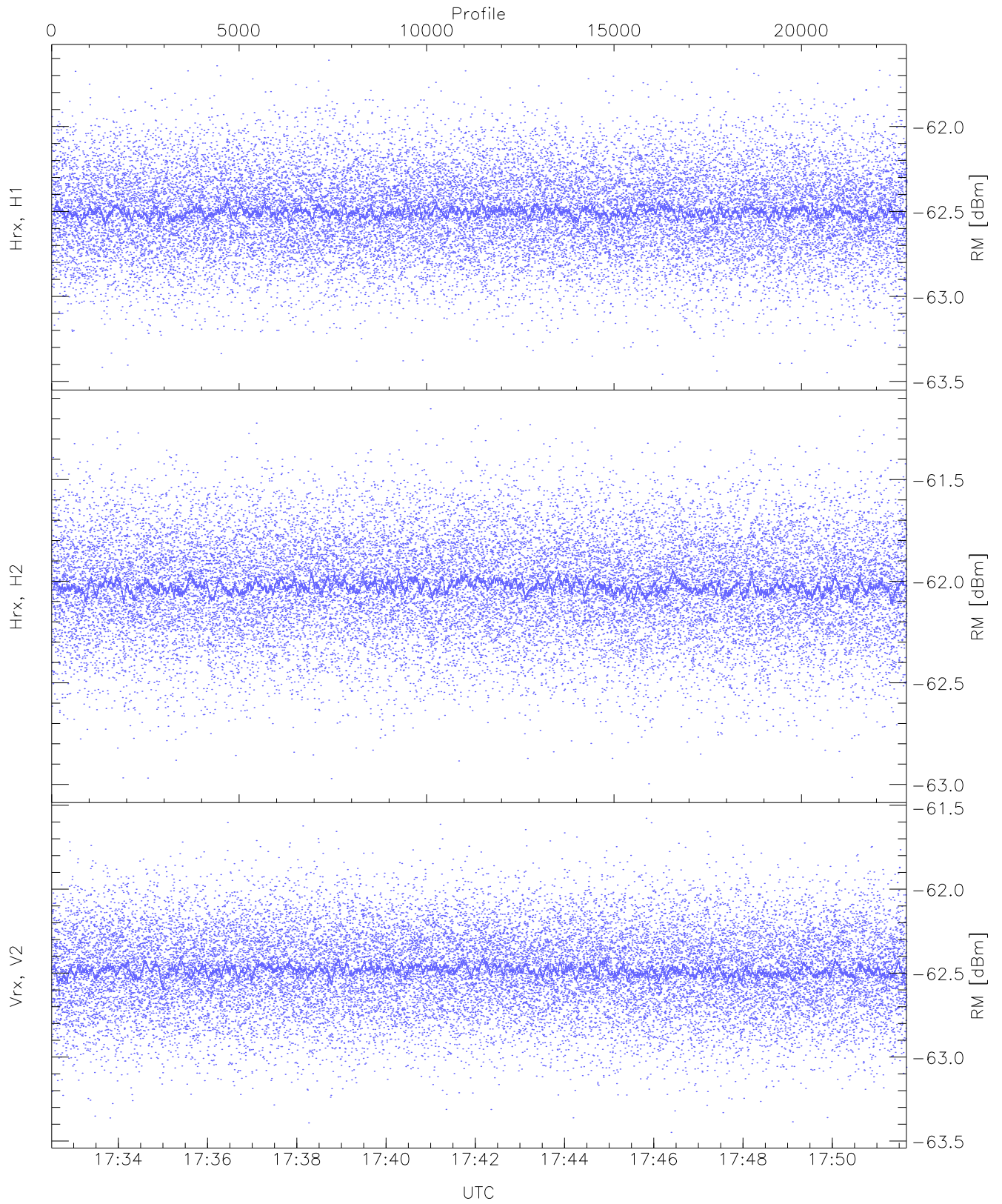
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.03	-60.91	-61.98	-61.99	-74.55
Hrx, H2 (WL [dBm])	-62.97	-61.05	-61.98	-61.99	-74.55
Vrx, V2 (WL [dBm])	-63.52	-61.58	-62.54	-62.54	-75.05



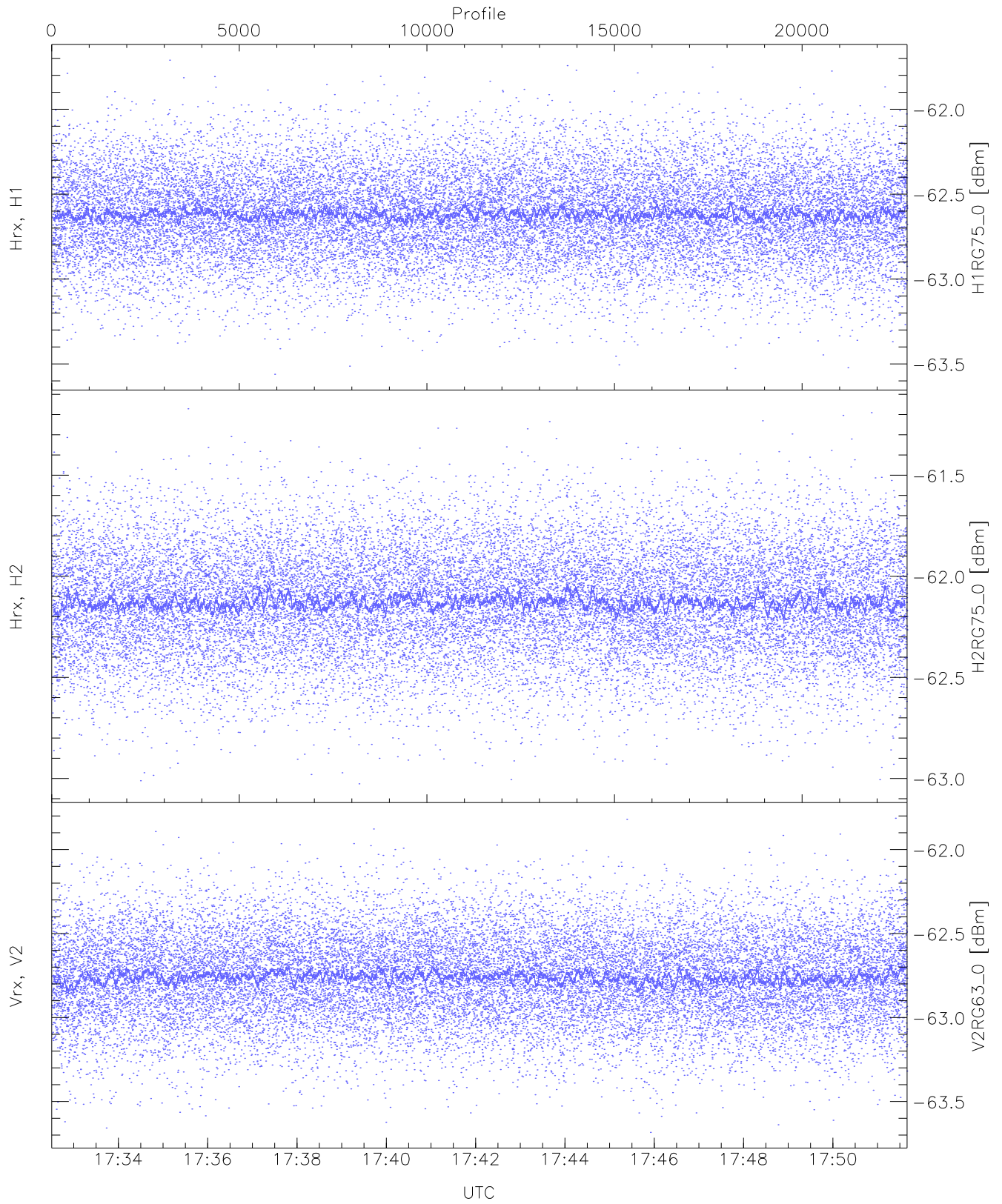
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.74	-60.91	-61.76	-61.76	-74.32
Hrx, H2 (HL [dBm])	-62.84	-60.88	-61.76	-61.77	-74.32
Vrx, V2 (HL [dBm])	-63.35	-61.48	-62.33	-62.33	-74.85



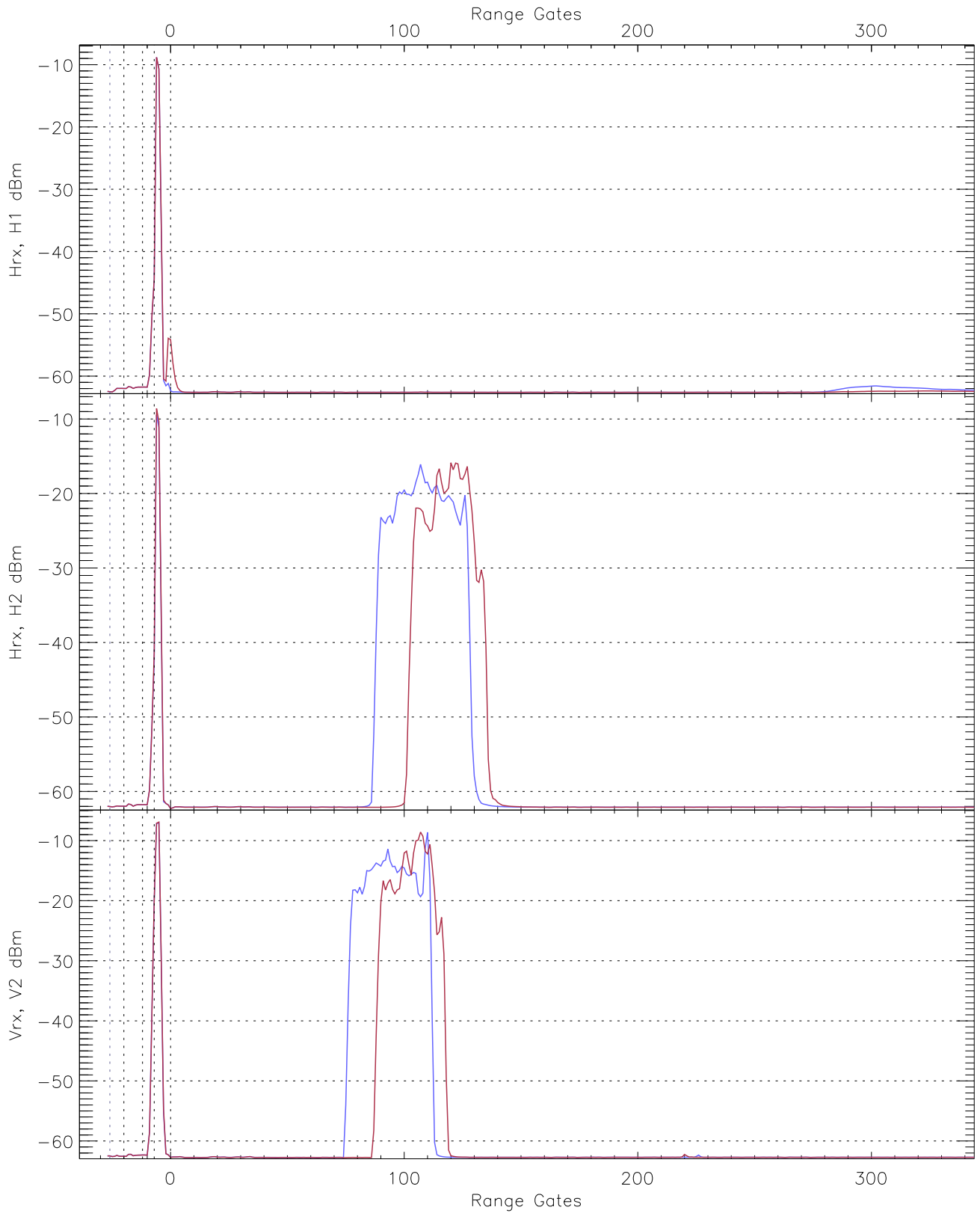
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.46	-61.61	-62.50	-62.50	-75.02
Hrx, H2 (RM [dBm])	-63.00	-61.15	-62.02	-62.03	-74.60
Vrx, V2 (RM [dBm])	-63.45	-61.58	-62.48	-62.49	-75.00

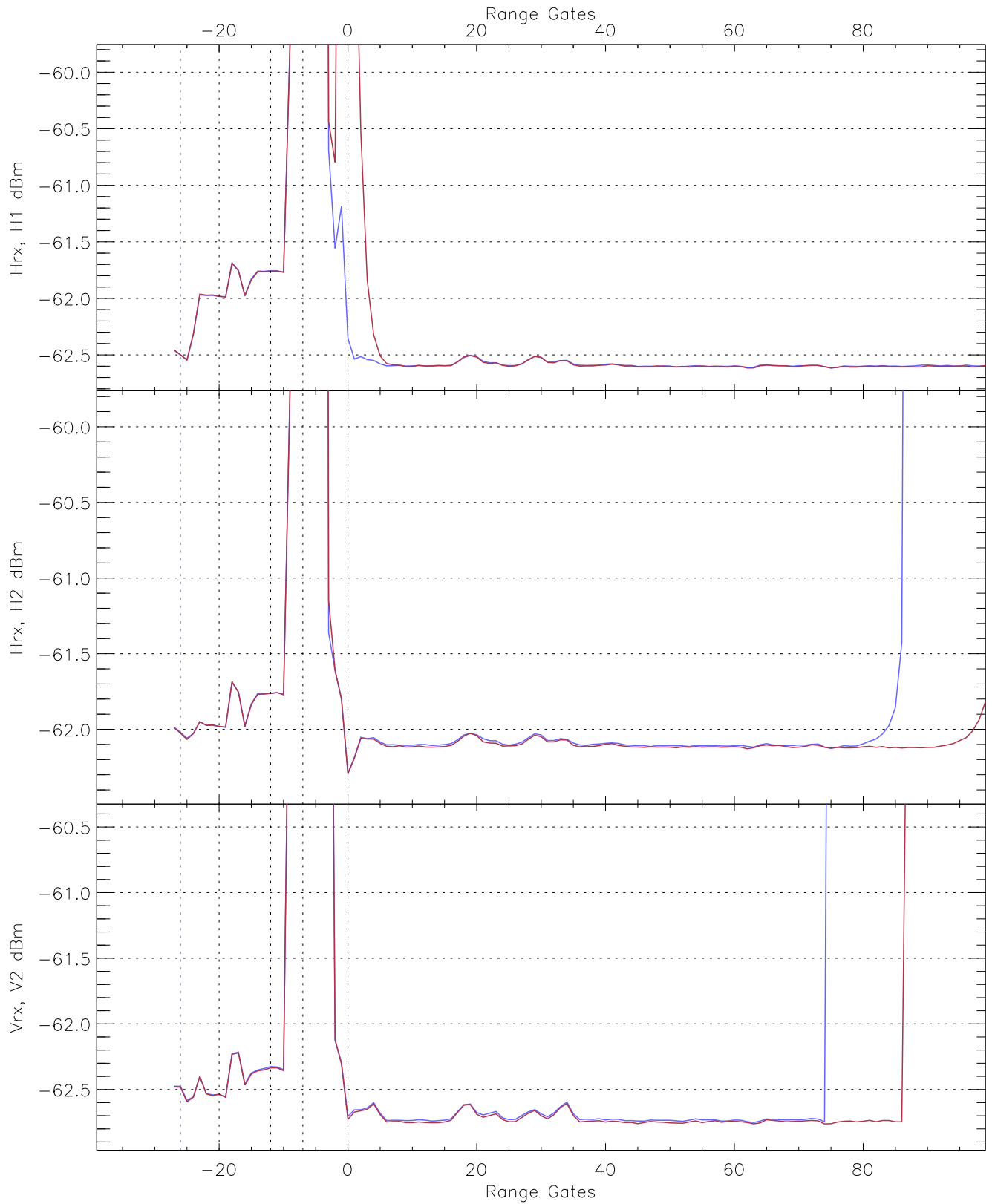


WCR2 CPP "Best" estimate Receivers Noise Power

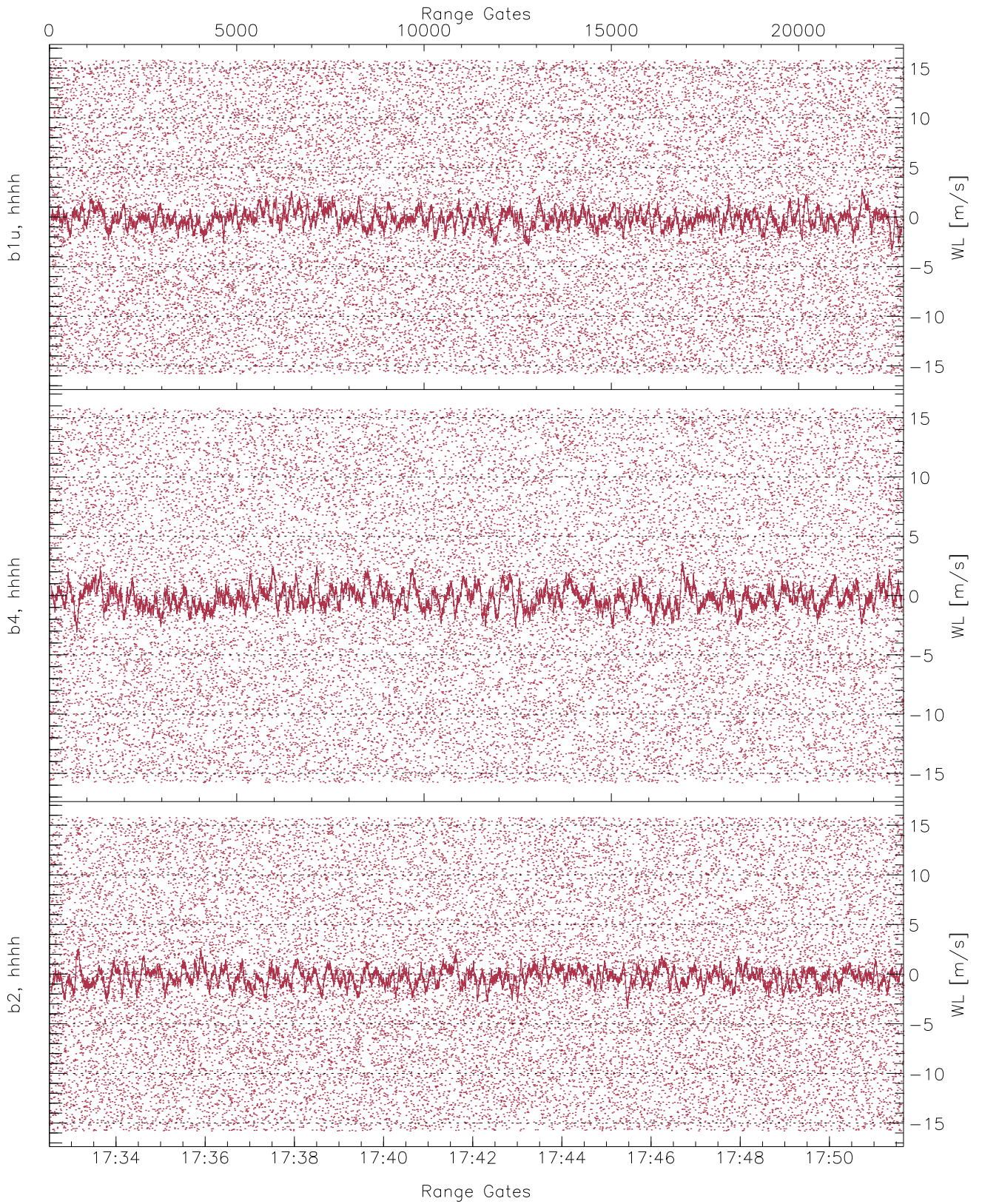
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.56	-61.71	-62.62	-62.62	-75.19
H2RG75_0 [dBm]	-63.03	-61.17	-62.12	-62.13	-74.65
V2RG63_0 [dBm]	-63.68	-61.81	-62.76	-62.76	-75.28



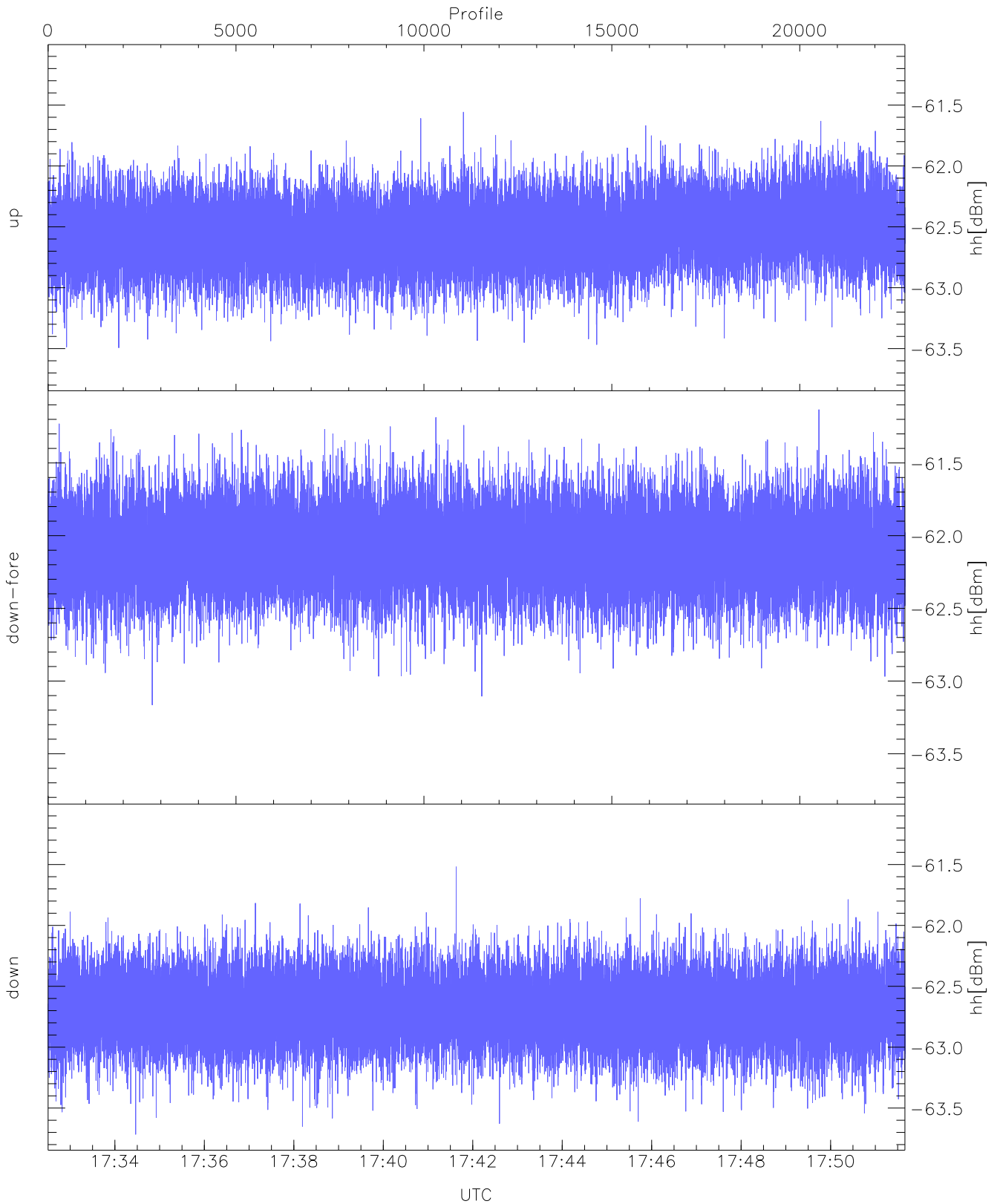
WCR2 CPP Averaged Received power for all recorded gates
blue: 173230-174205, 11401 profiles averaged
red: 174205-175140, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 173230-174205, 11401 profiles averaged
red: 174205-175140, 11400 profiles averaged

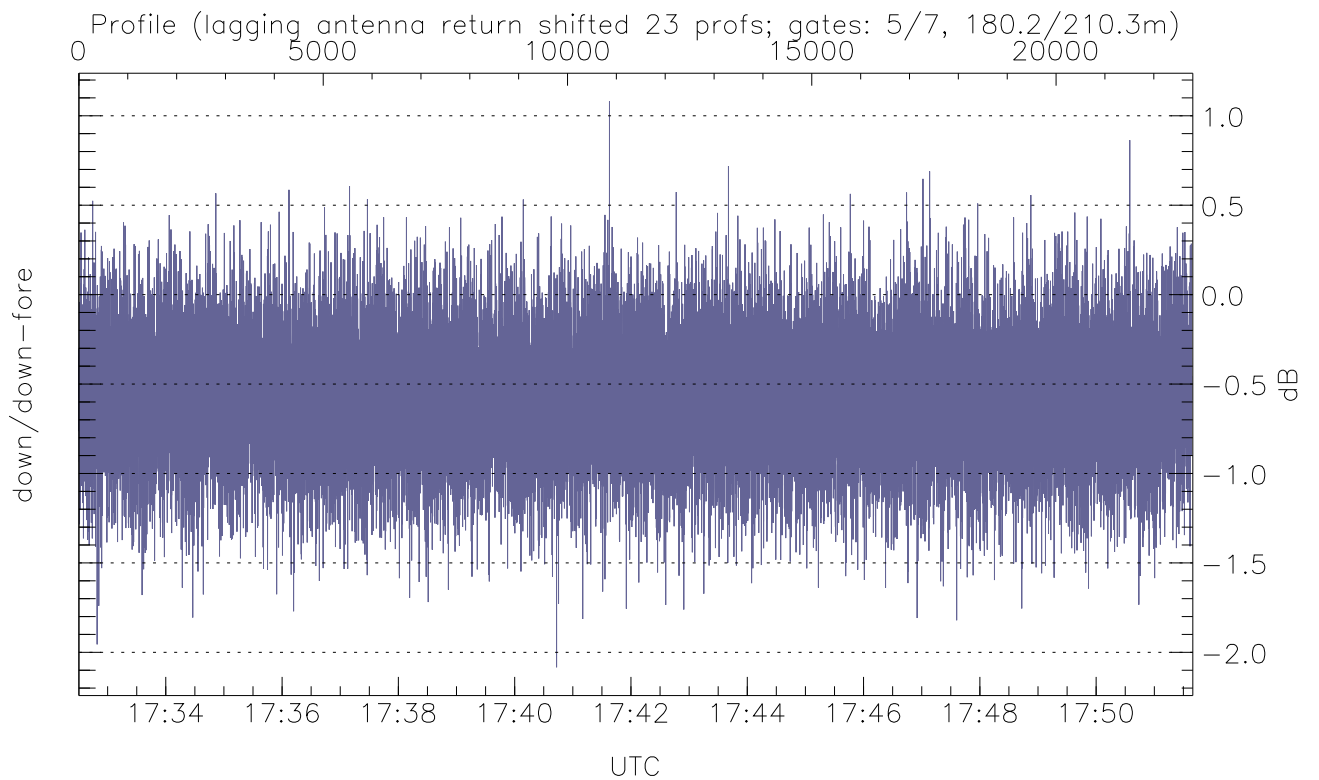
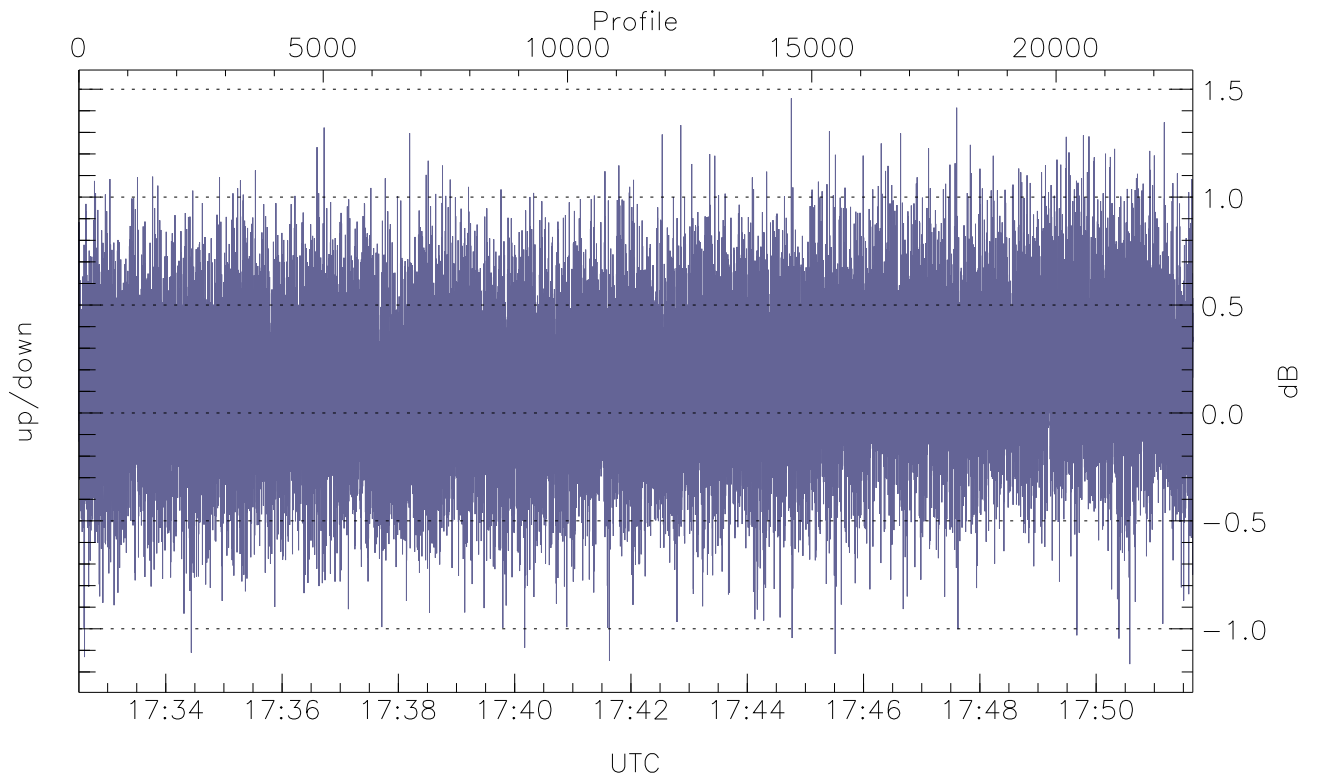


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



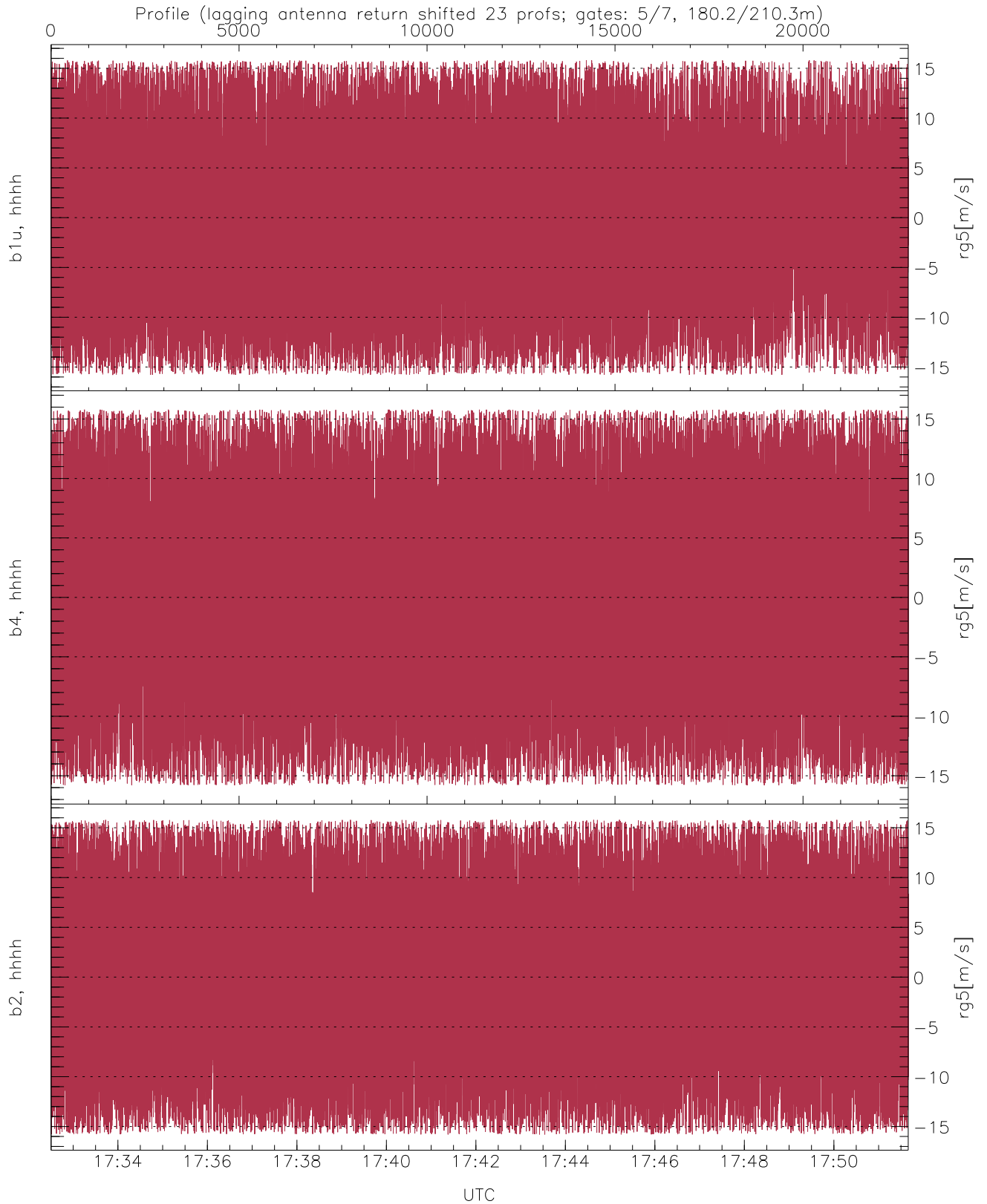
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.49	-61.56	-62.54
down-fore(hh[dBm])	-63.17	-61.13	-62.09
down(hh[dBm])	-63.72	-61.52	-62.69



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

	Min	Max	Mean
up/down (dB)	-1.16	1.46	0.14
down/down-fore (dB)	-2.08	1.08	-0.58



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.18	8.52
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.11	8.95
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.52	9.01