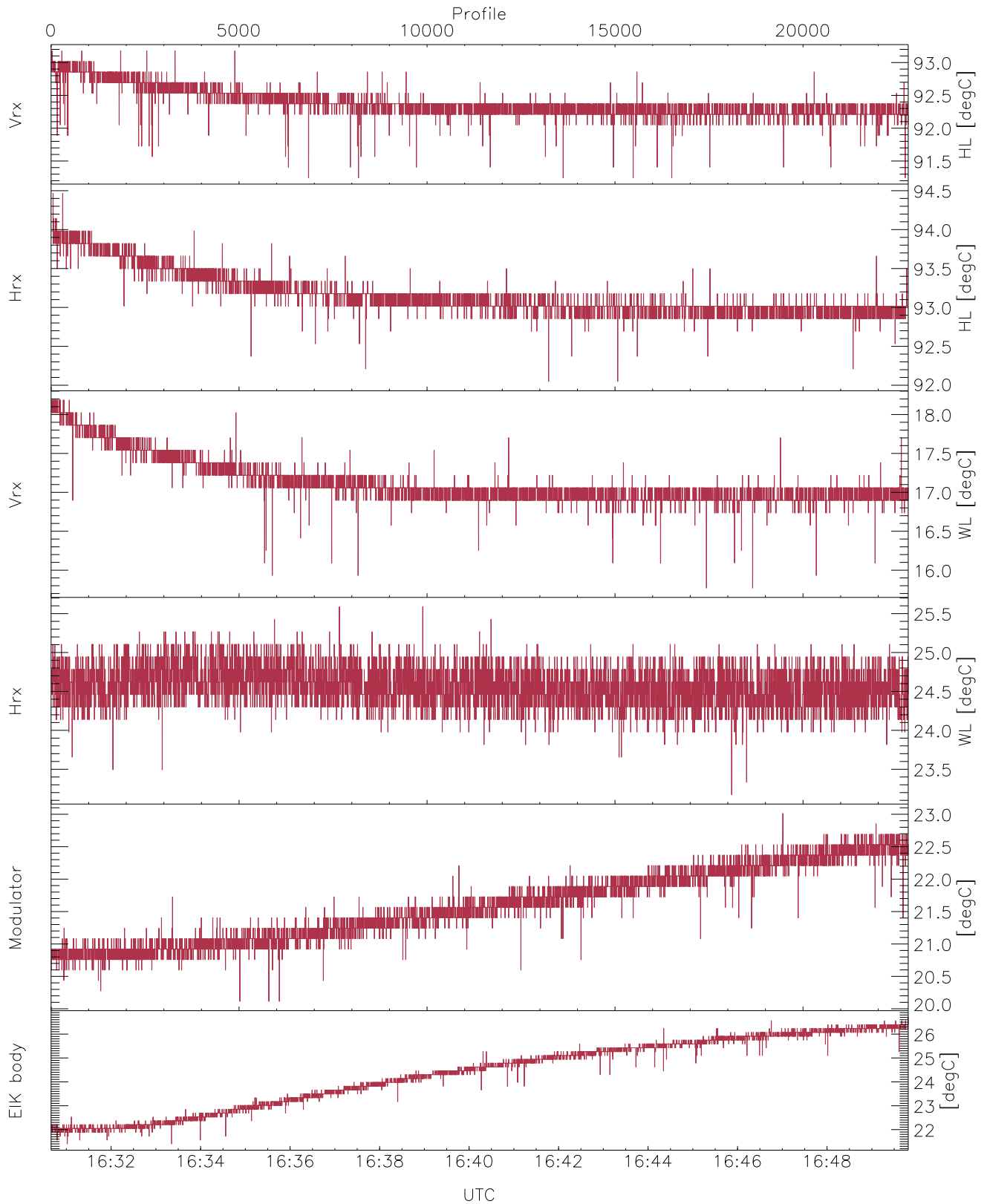


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

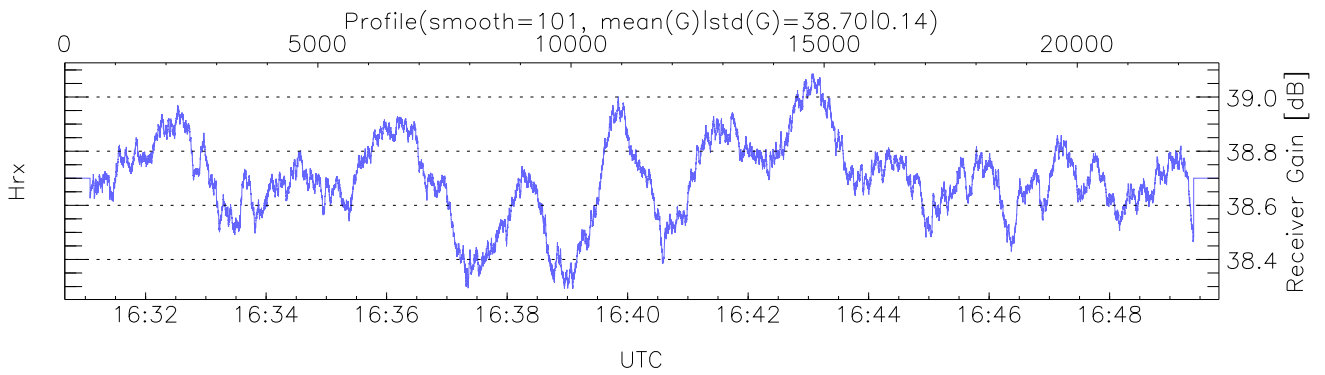
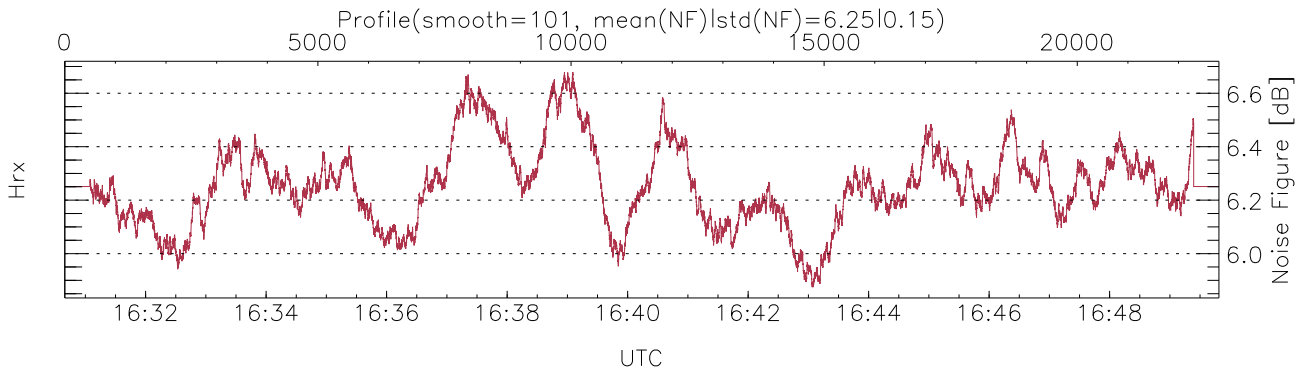
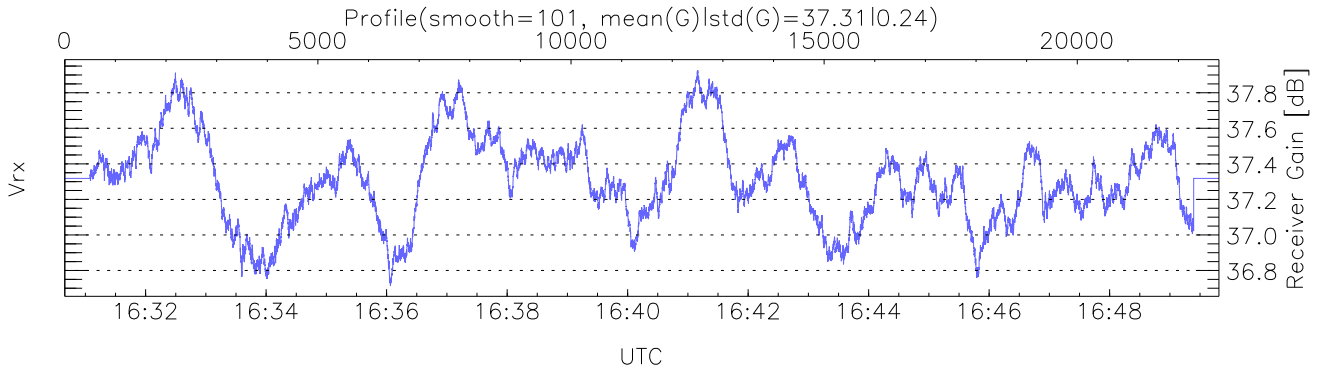
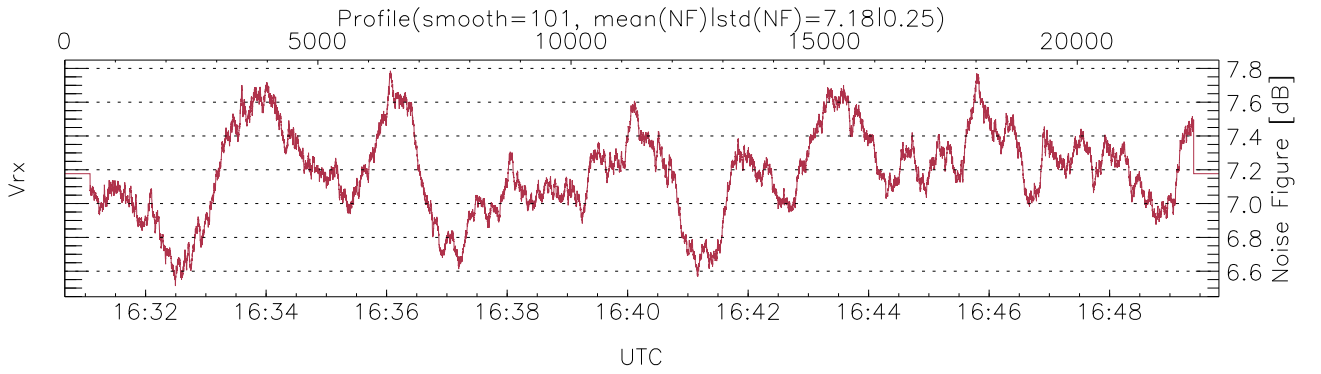
UTC: 16:30:39-17:10:31, Dur: 2391.62s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/47442, 0-22799/16:30:39-16:49:49
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

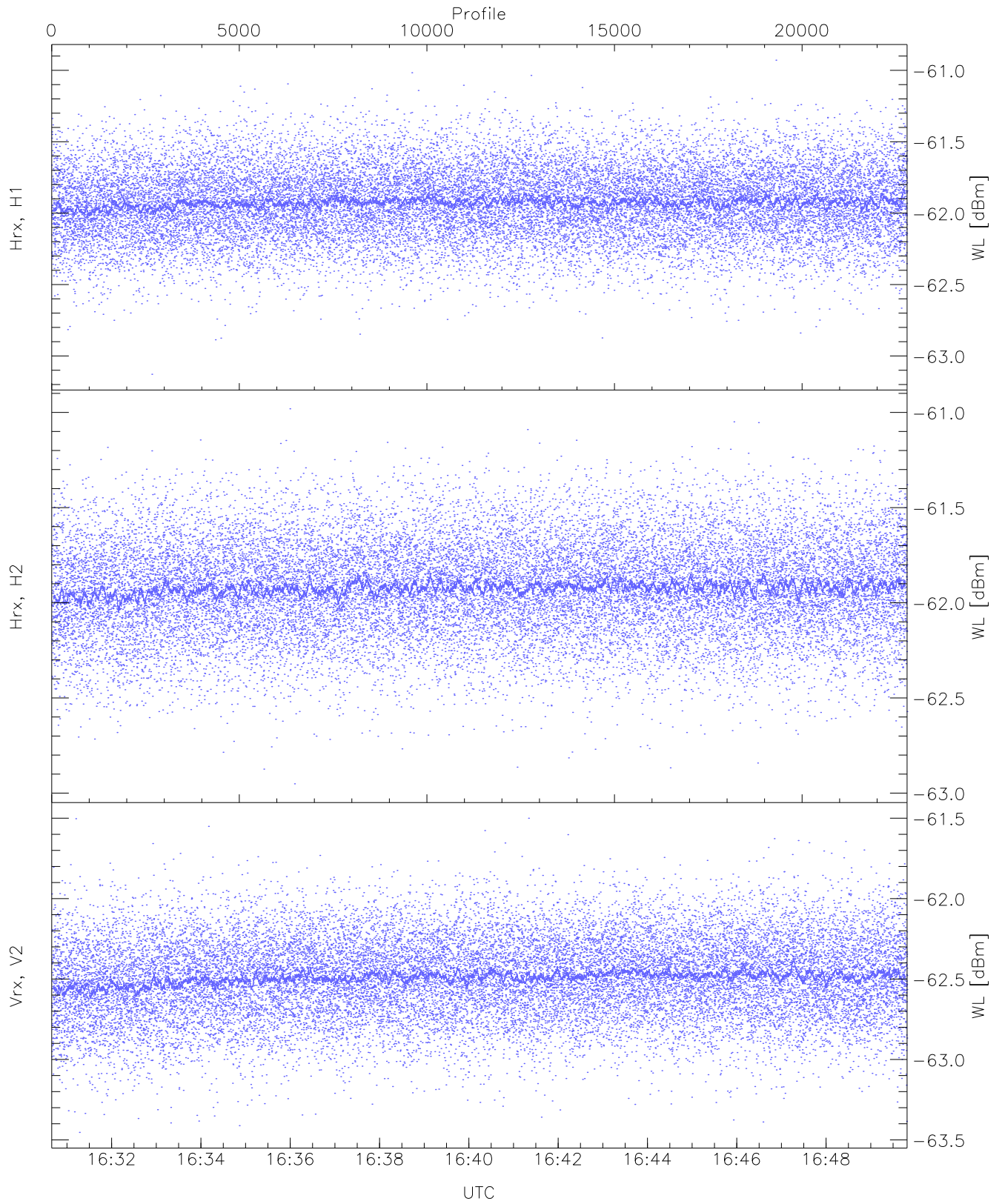
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,15,23,20,21`
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,18,25,23,26`
`LOalarm(20,80,240,2.8,14.8 MHz): None`

`EIK Faults(# prof affected):`
`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (28,28,28,28,28,6)`



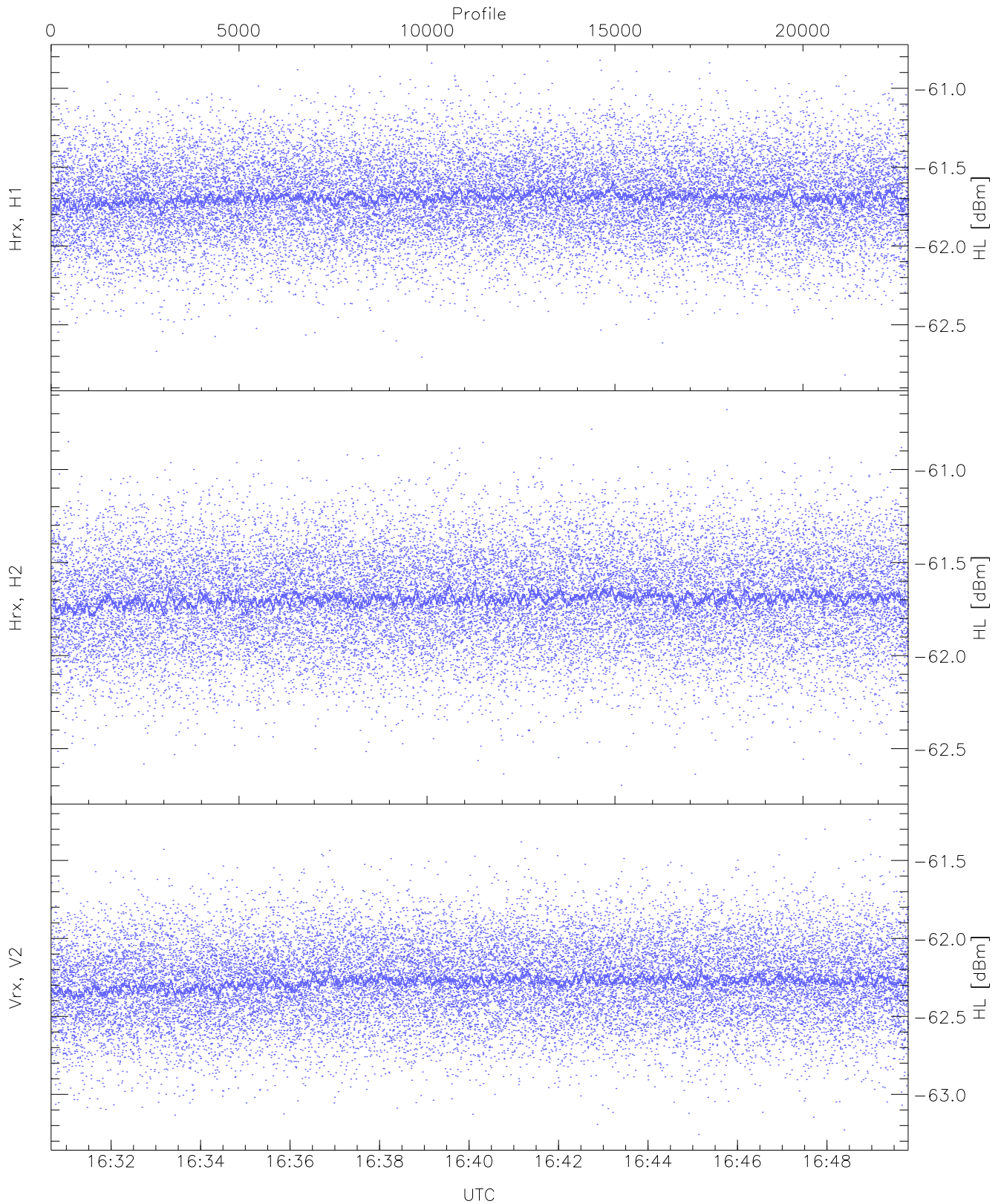
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 15608 pixs, 28 gates, 14154 profs, 2 prods



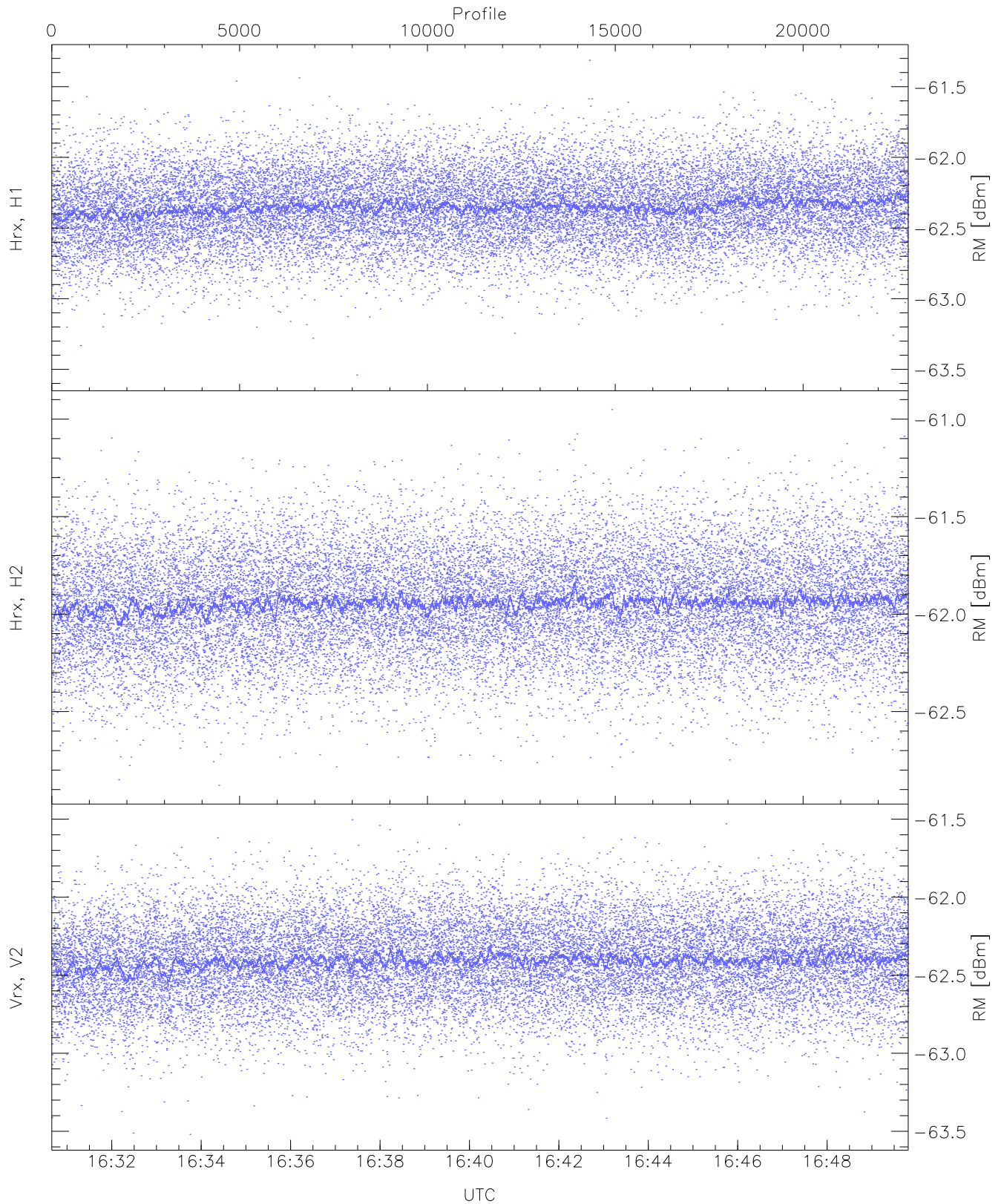
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.13	-60.93	-61.92	-61.93	-74.47
Hrx, H2 (WL [dBm])	-62.95	-60.98	-61.92	-61.92	-74.47
Vrx, V2 (WL [dBm])	-63.45	-61.50	-62.49	-62.49	-75.01



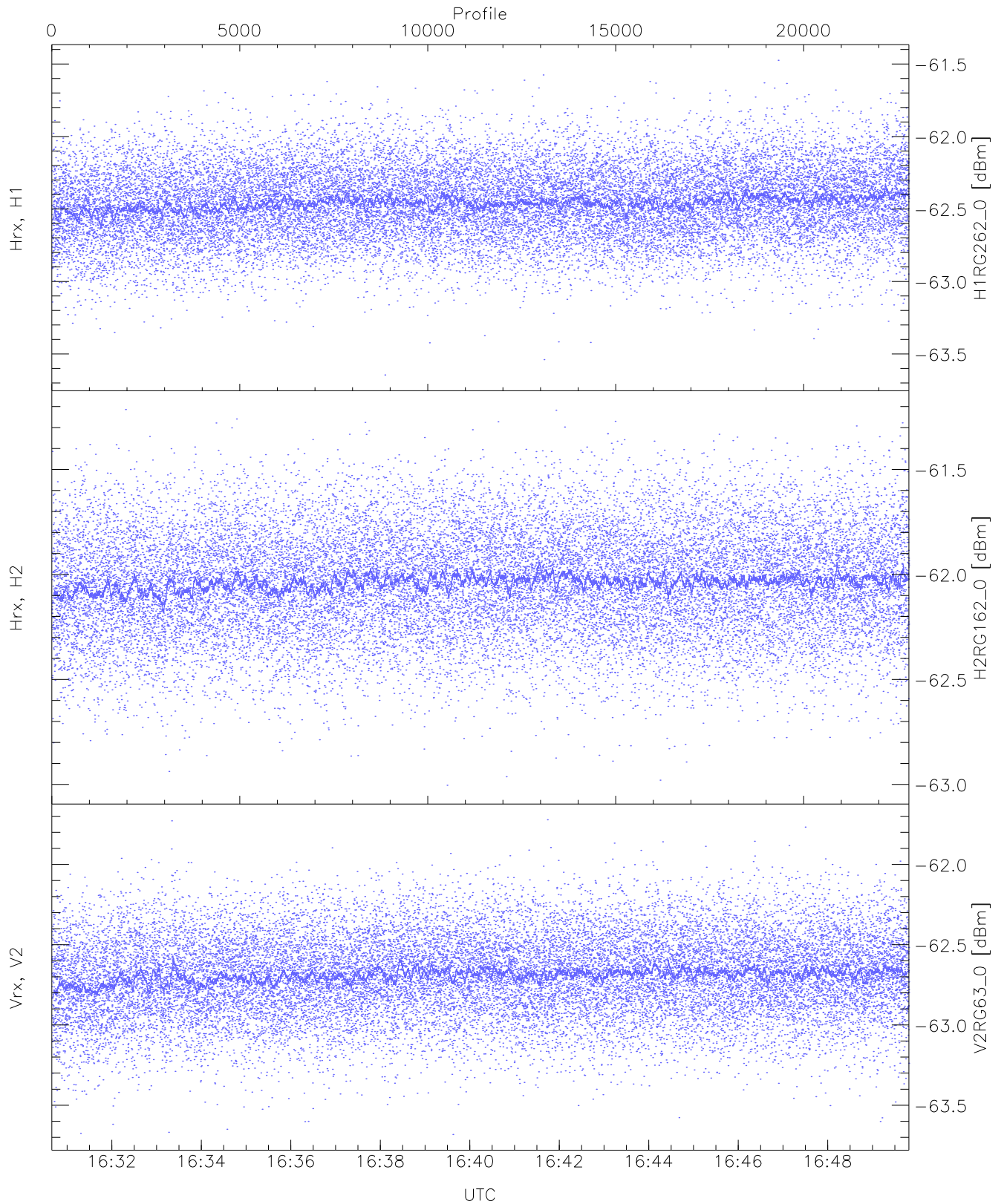
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.82	-60.82	-61.69	-61.70	-74.24
Hrx, H2 (HL [dBm])	-62.70	-60.68	-61.69	-61.70	-74.24
Vrx, V2 (HL [dBm])	-63.26	-61.24	-62.28	-62.28	-74.78



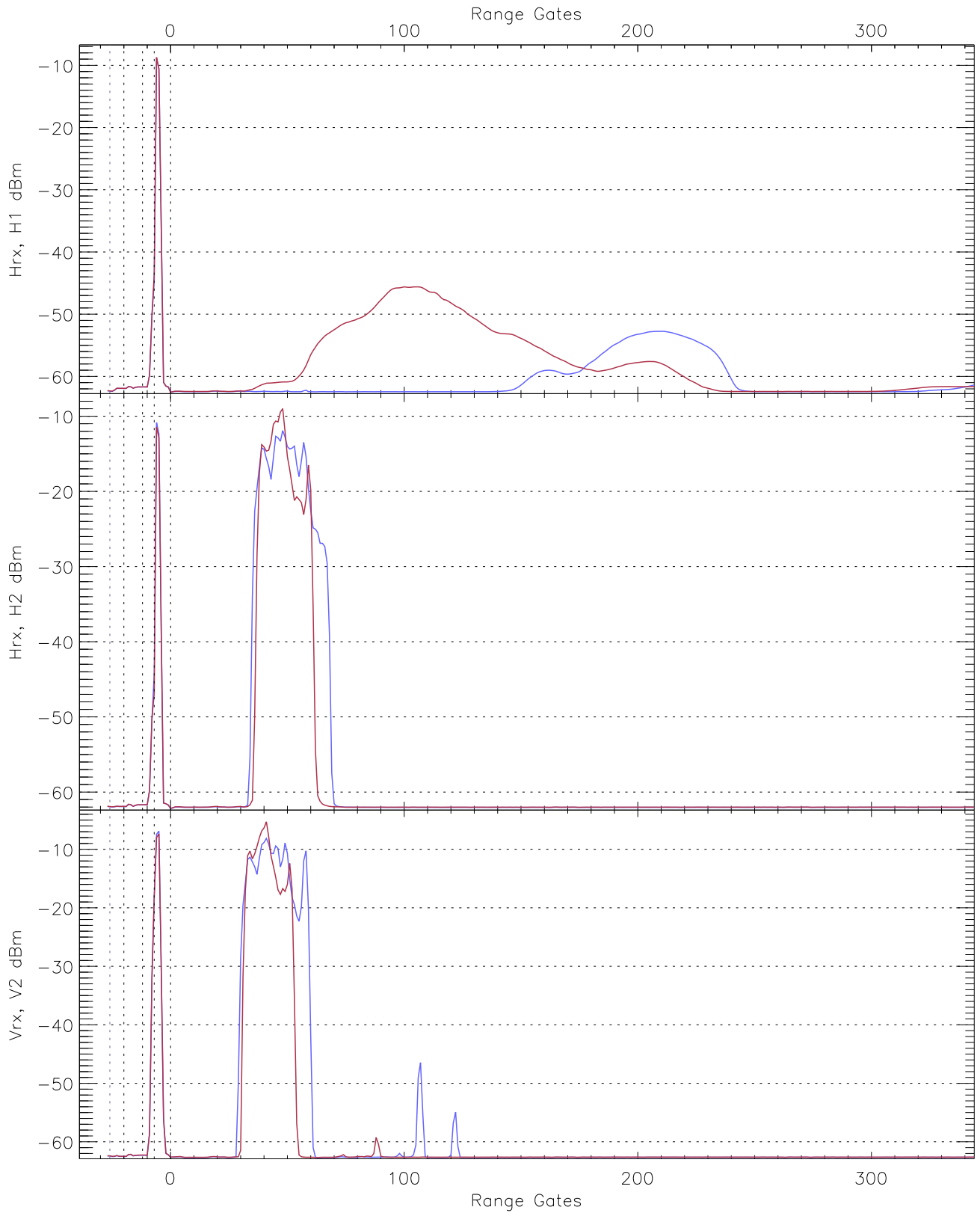
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.54	-61.31	-62.35	-62.35	-74.88
Hrx, H2(RM [dBm])	-62.88	-60.95	-61.94	-61.95	-74.48
Vrx, V2(RM [dBm])	-63.52	-61.50	-62.41	-62.41	-74.94

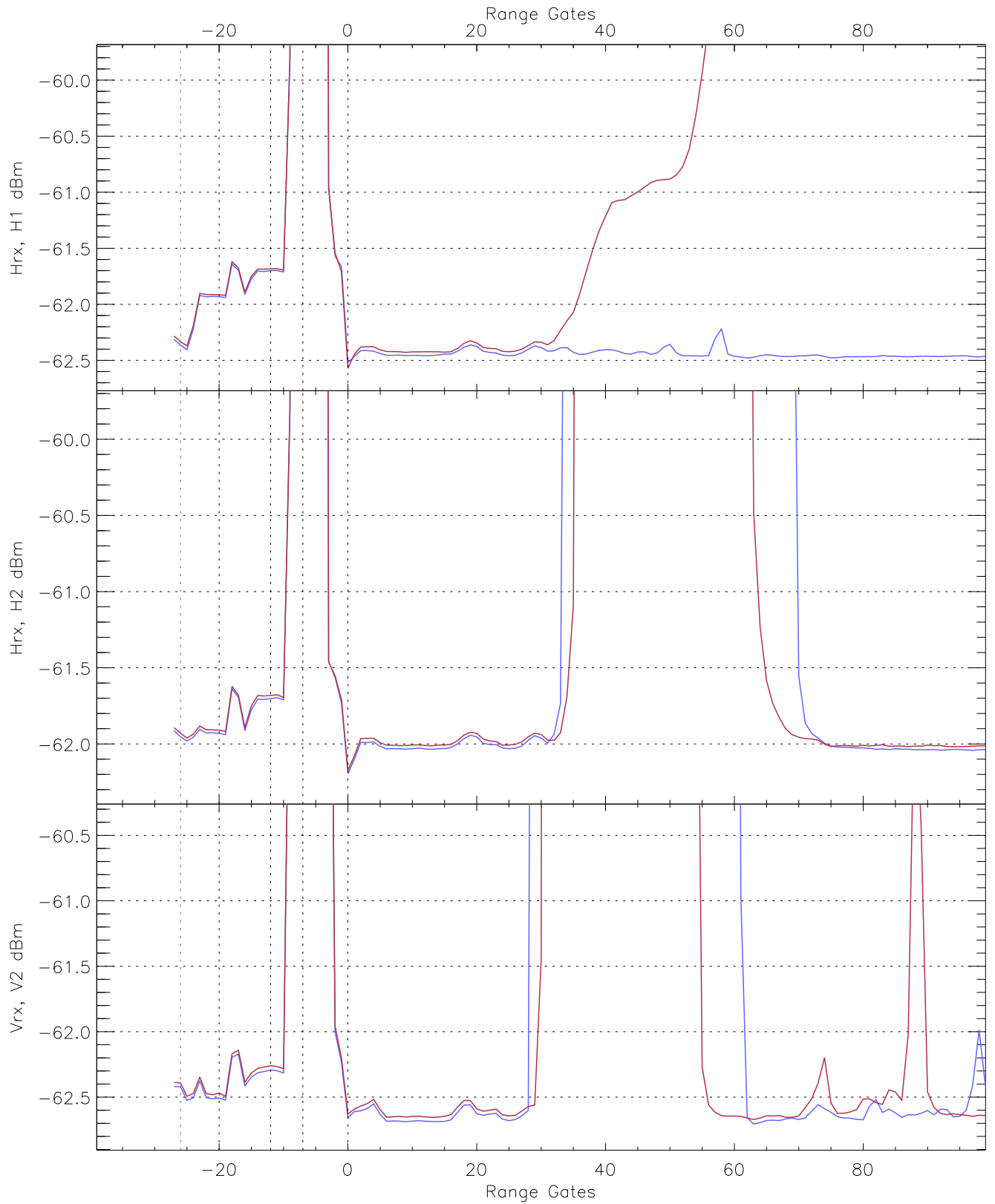


WCR2 CPP "Best" estimate Receivers Noise Power

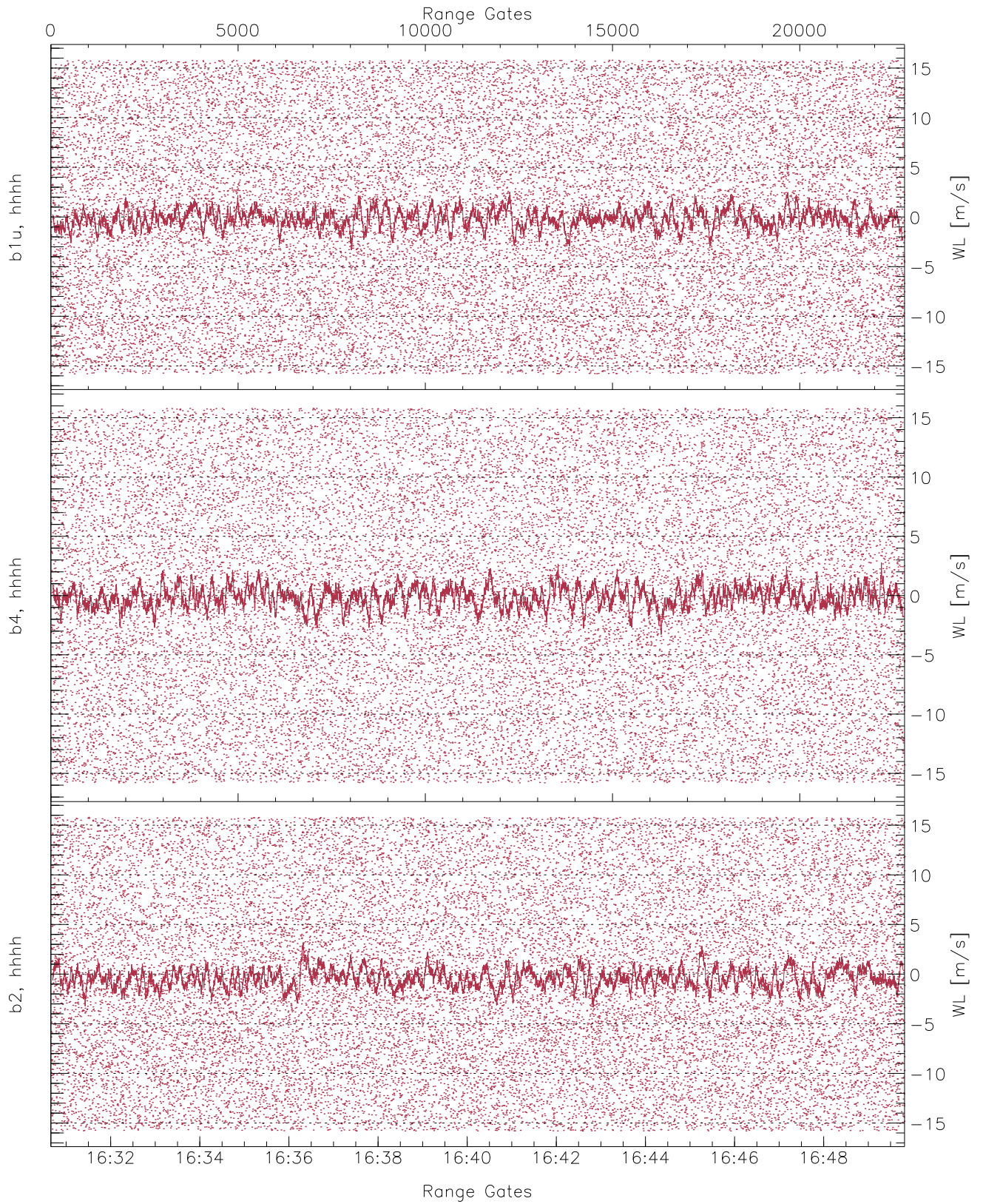
	Min	Max	Mean	Median	StDev
H1RG262_0 [dBm]	-63.65	-61.47	-62.46	-62.46	-74.98
H2RG162_0 [dBm]	-63.00	-61.21	-62.04	-62.04	-74.62
V2RG63_0 [dBm]	-63.68	-61.72	-62.69	-62.69	-75.18



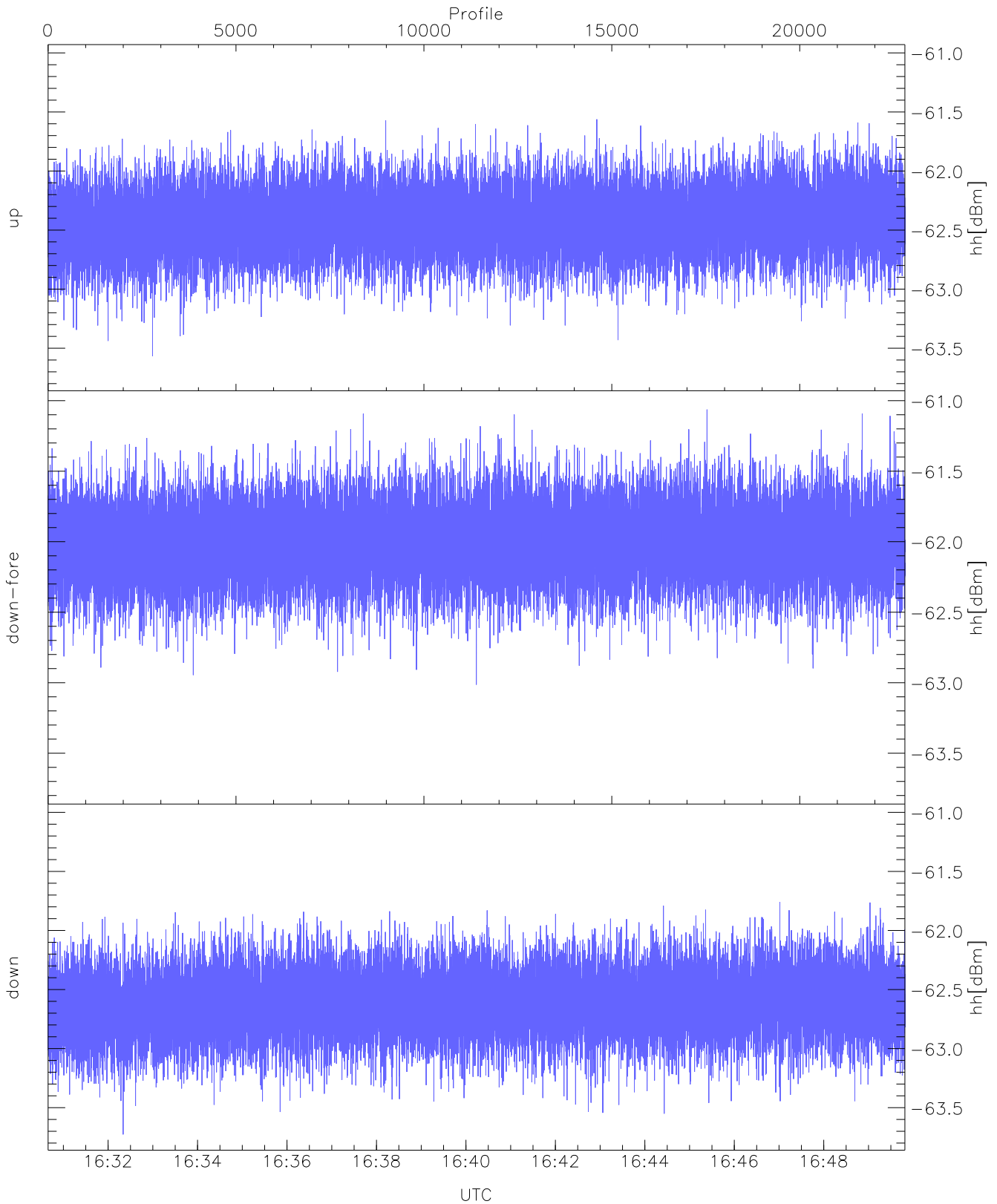
WCR2 CPP Averaged Received power for all recorded gates
blue: 163039-164014, 11401 profiles averaged
red: 164014-164949, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 163039-164014, 11401 profiles averaged
red: 164014-164949, 11400 profiles averaged

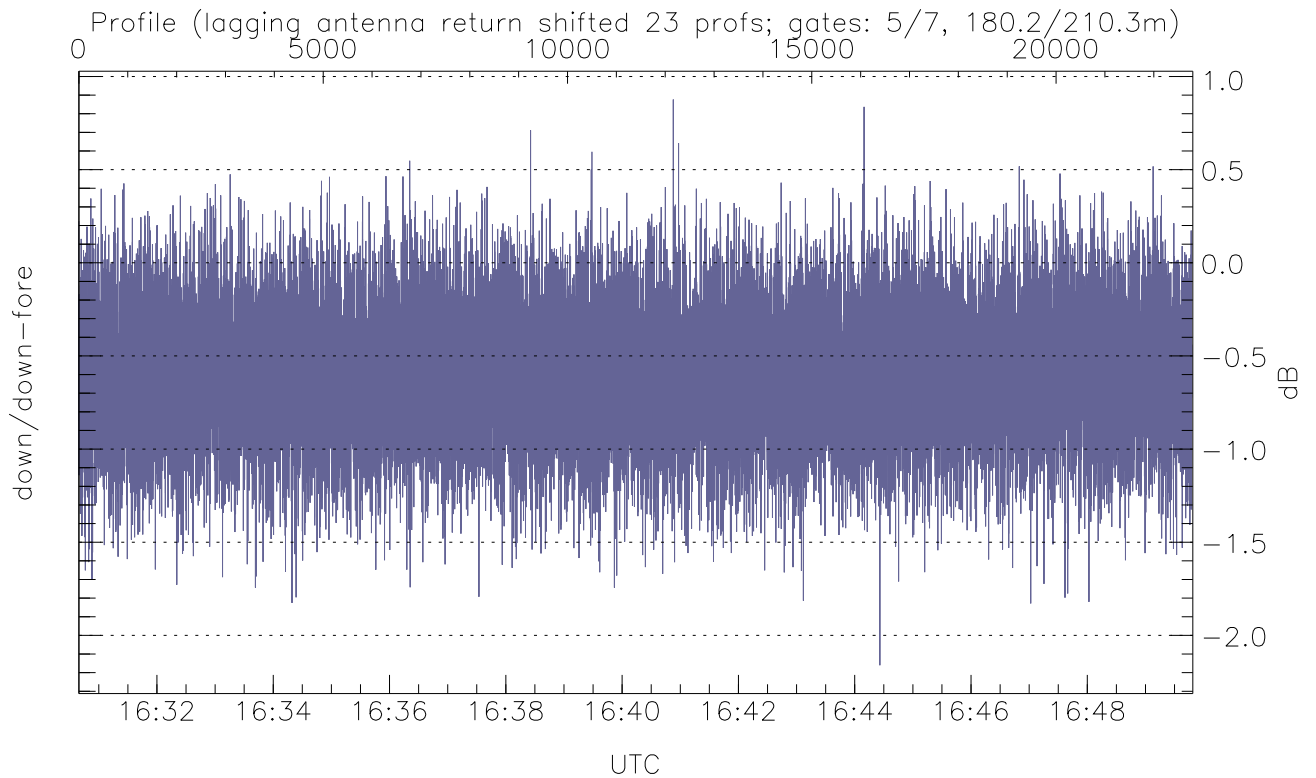
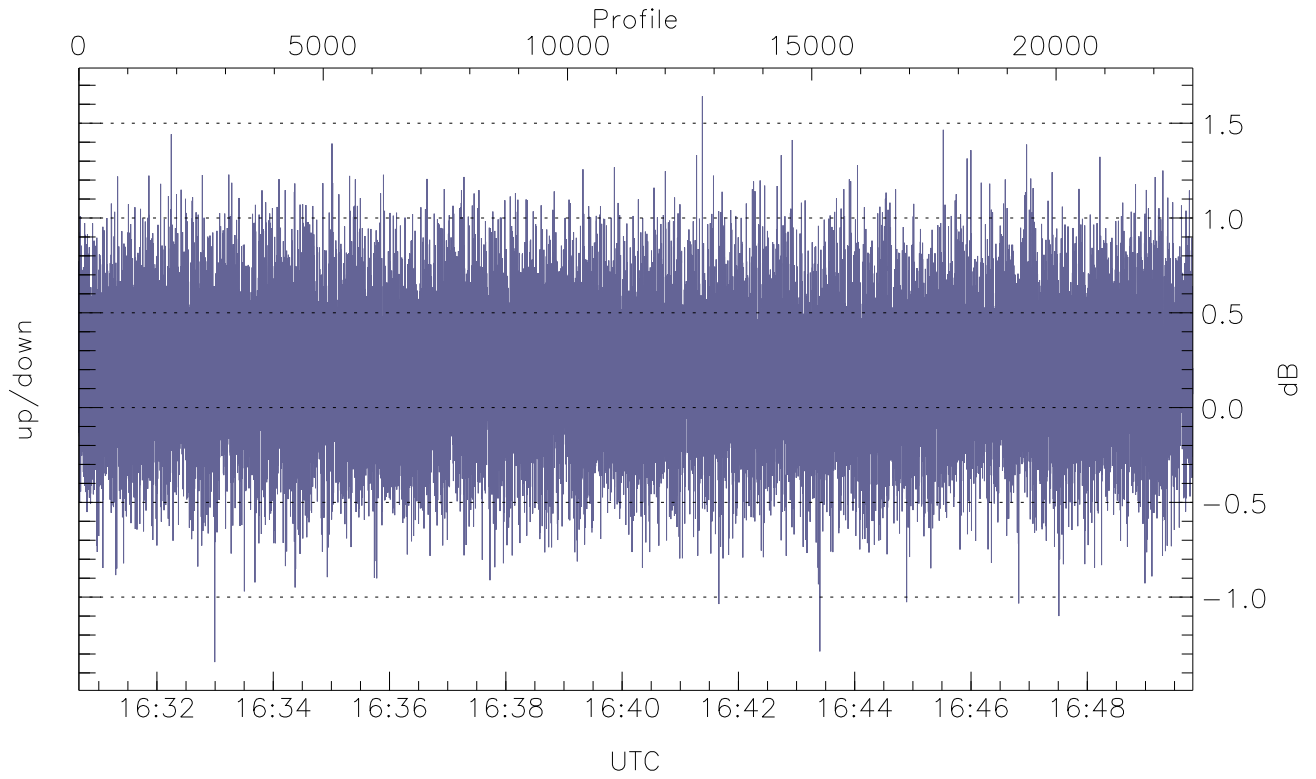


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



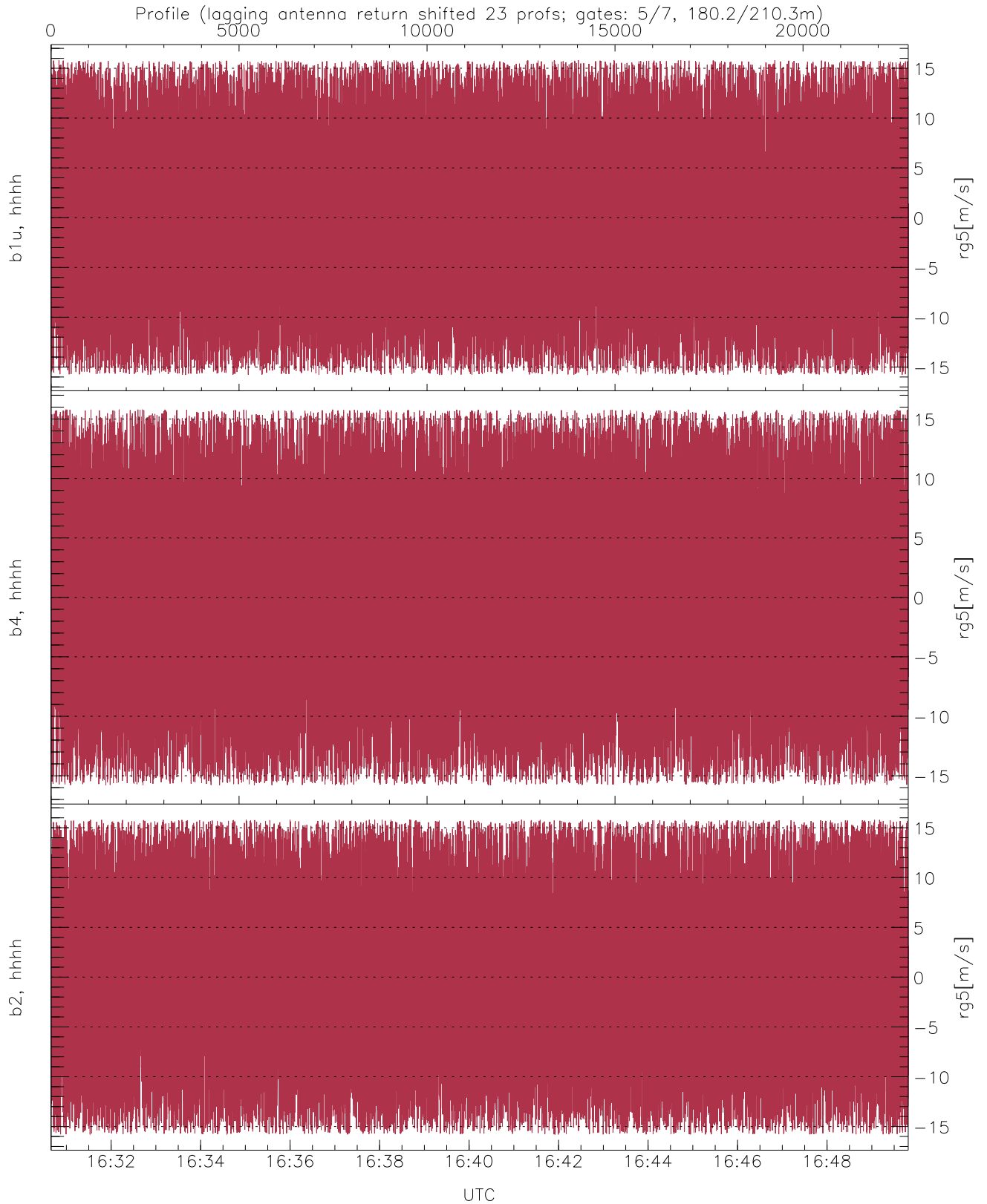
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.57	-61.56	-62.42
down-fore(hh[dBm])	-63.01	-61.06	-62.00
down(hh[dBm])	-63.73	-61.76	-62.61



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

	Min	Max	Mean
up/down (dB)	-1.34	1.64	0.19
down/down-fore (dB)	-2.16	0.88	-0.59



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	8.96
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.10	9.00
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.45	9.02