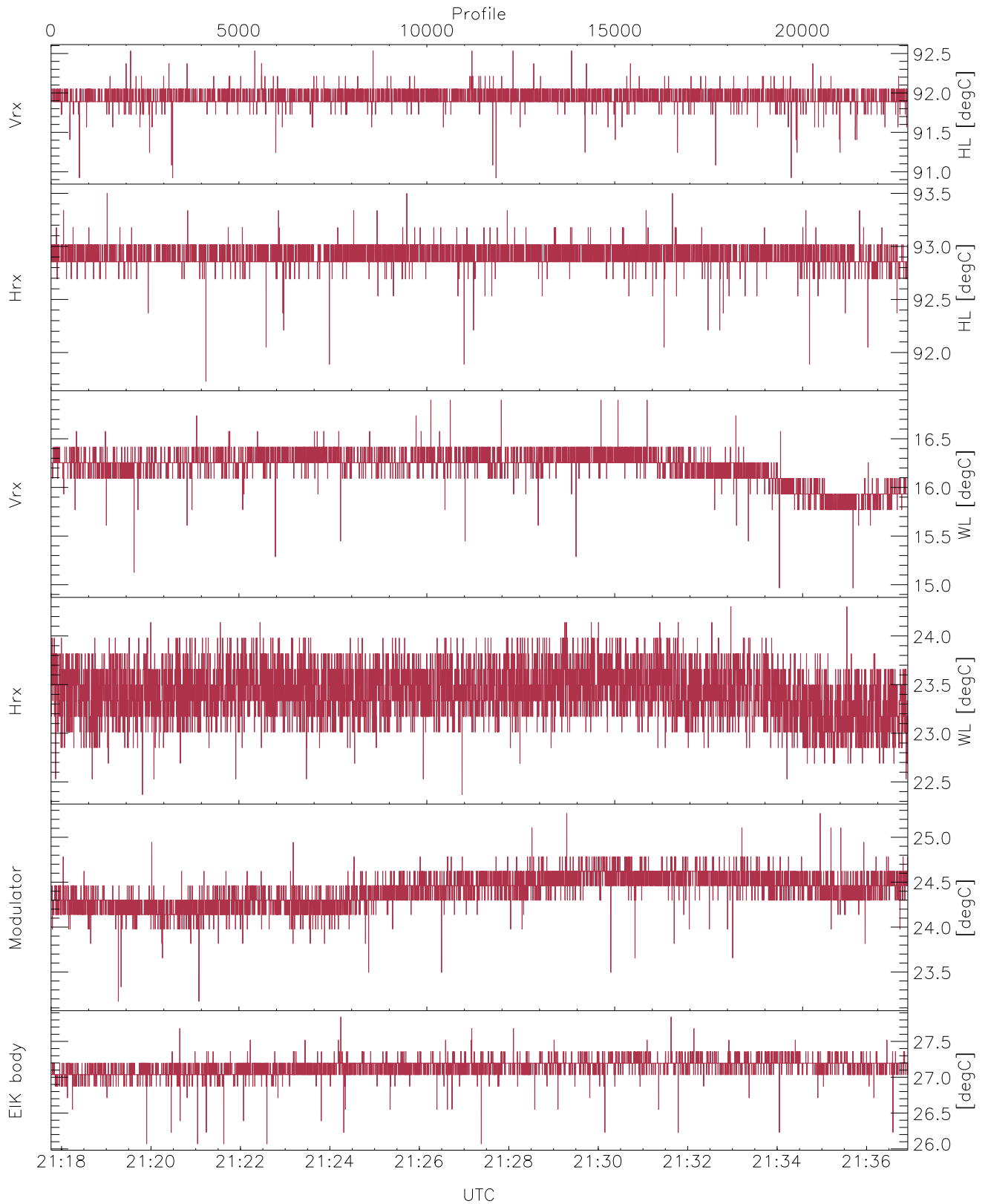


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 21:17:46-21:58:36, Dur: 2450.25s
 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): 22800/48605, 0-22799/21:17:46-21:36:55
 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

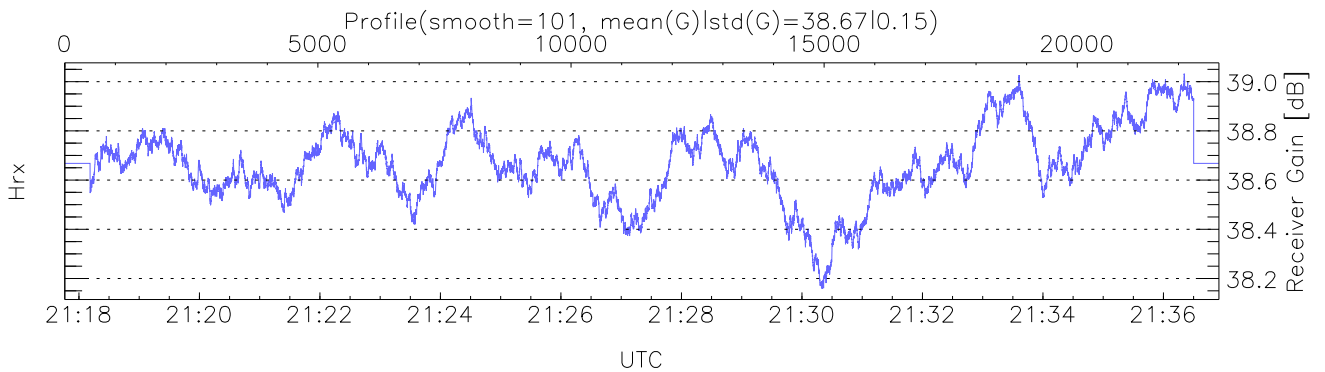
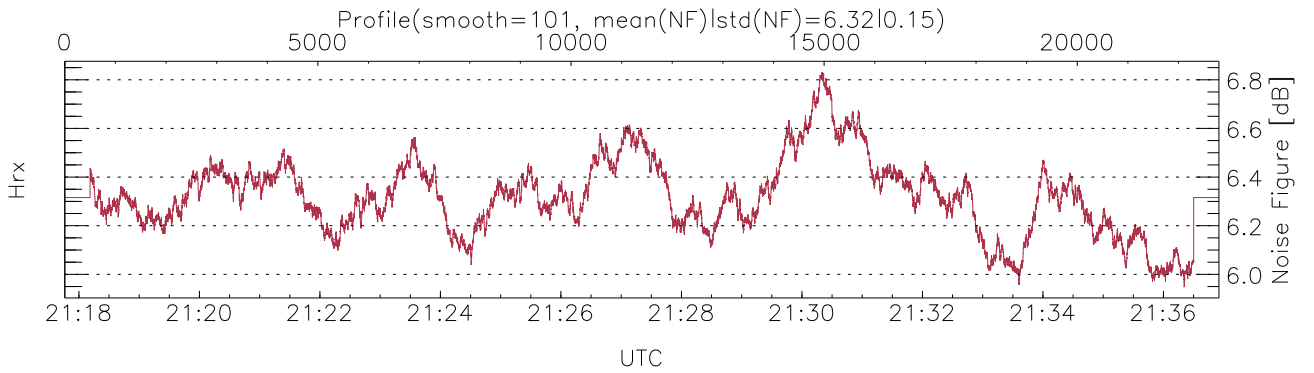
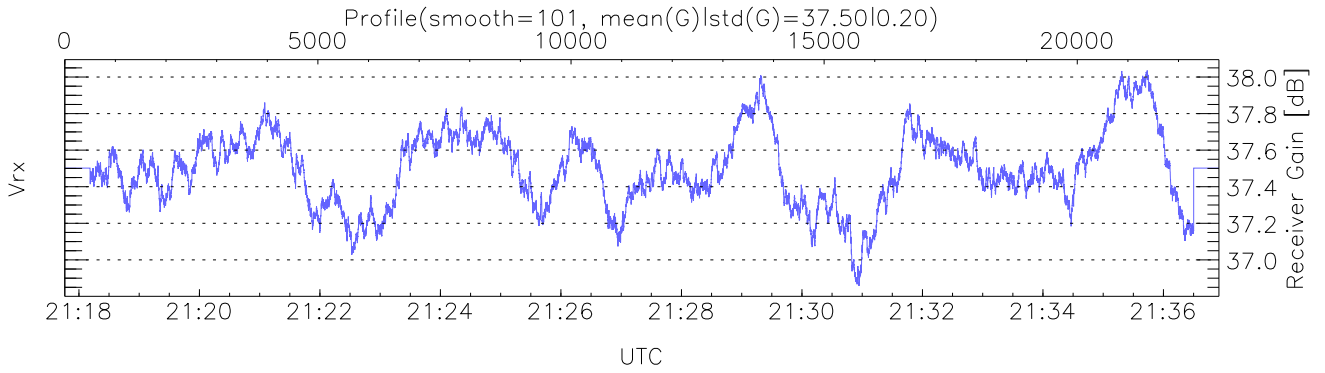
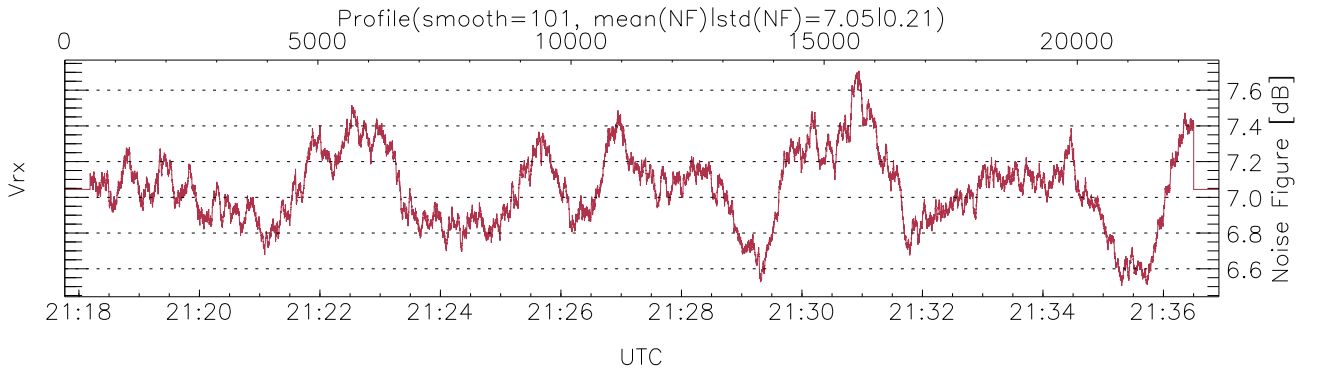
`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,14,22,23,26`

`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,24,25,27`

`LOalarm(20,80,240,2.8,14.8 MHz): None`

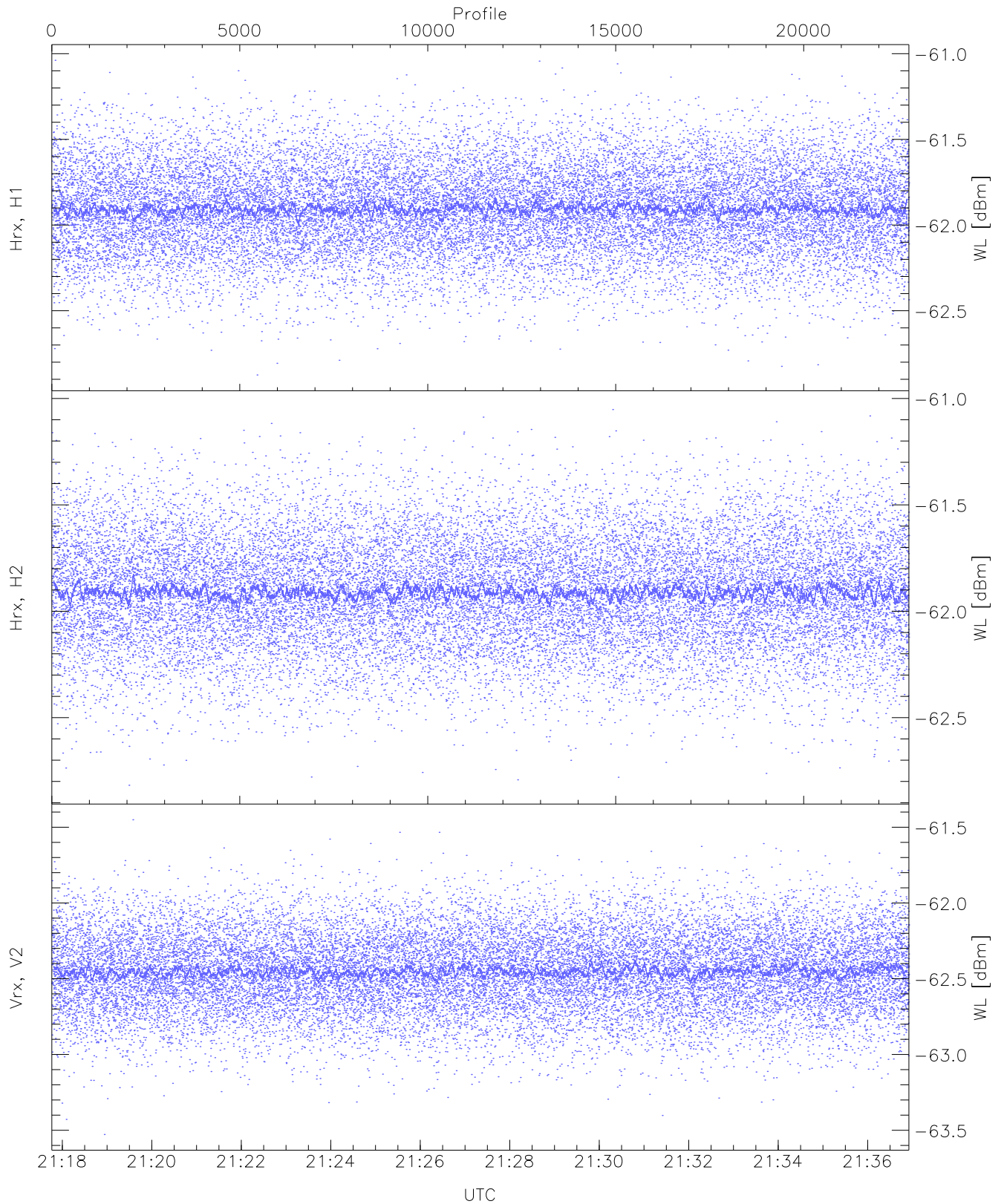
`EIK Faults(# prof affected):`

`DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (16,16,16,16,16,11)`



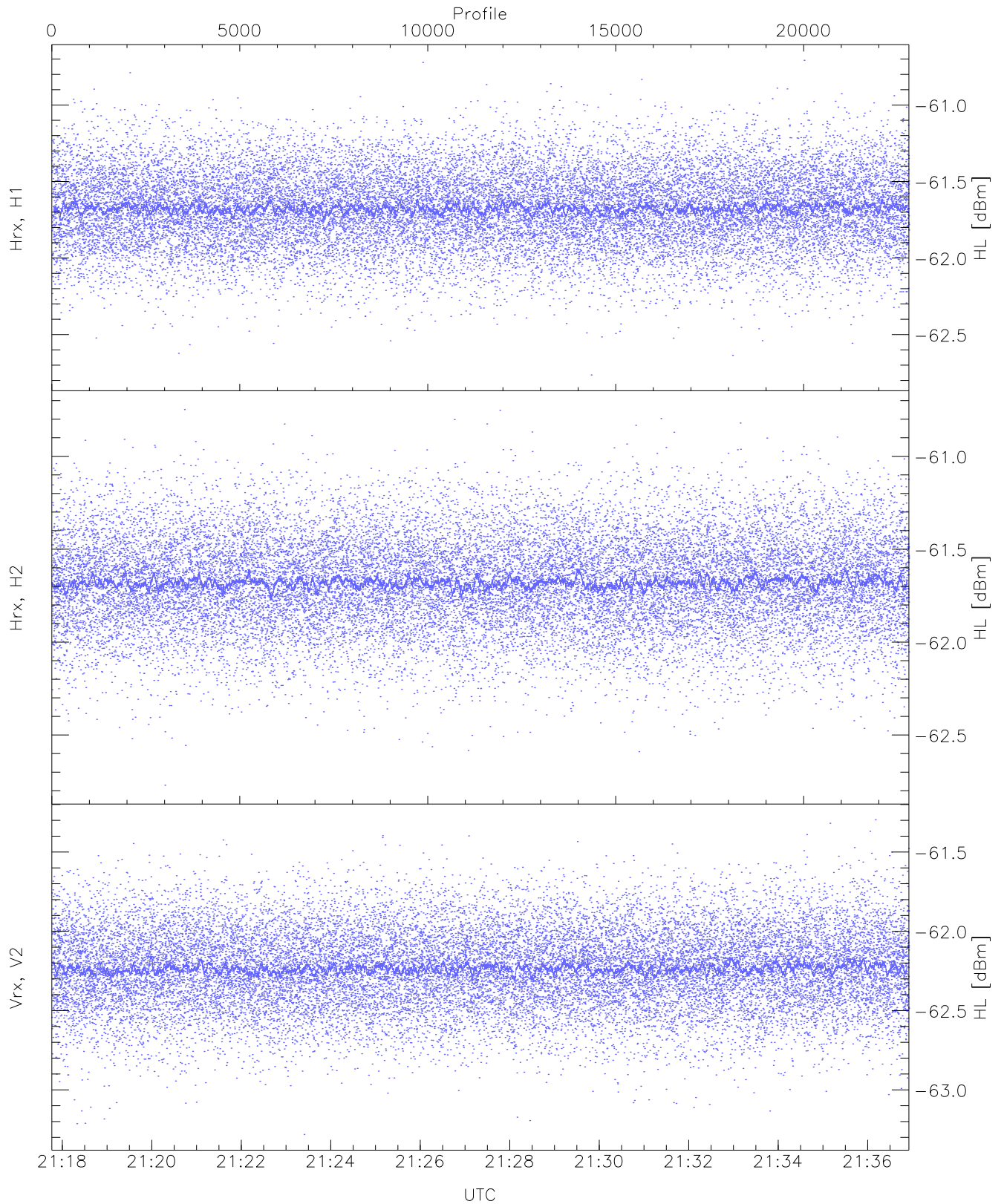
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 11901 pixs, 24 gates, 11693 profs, 1 prods



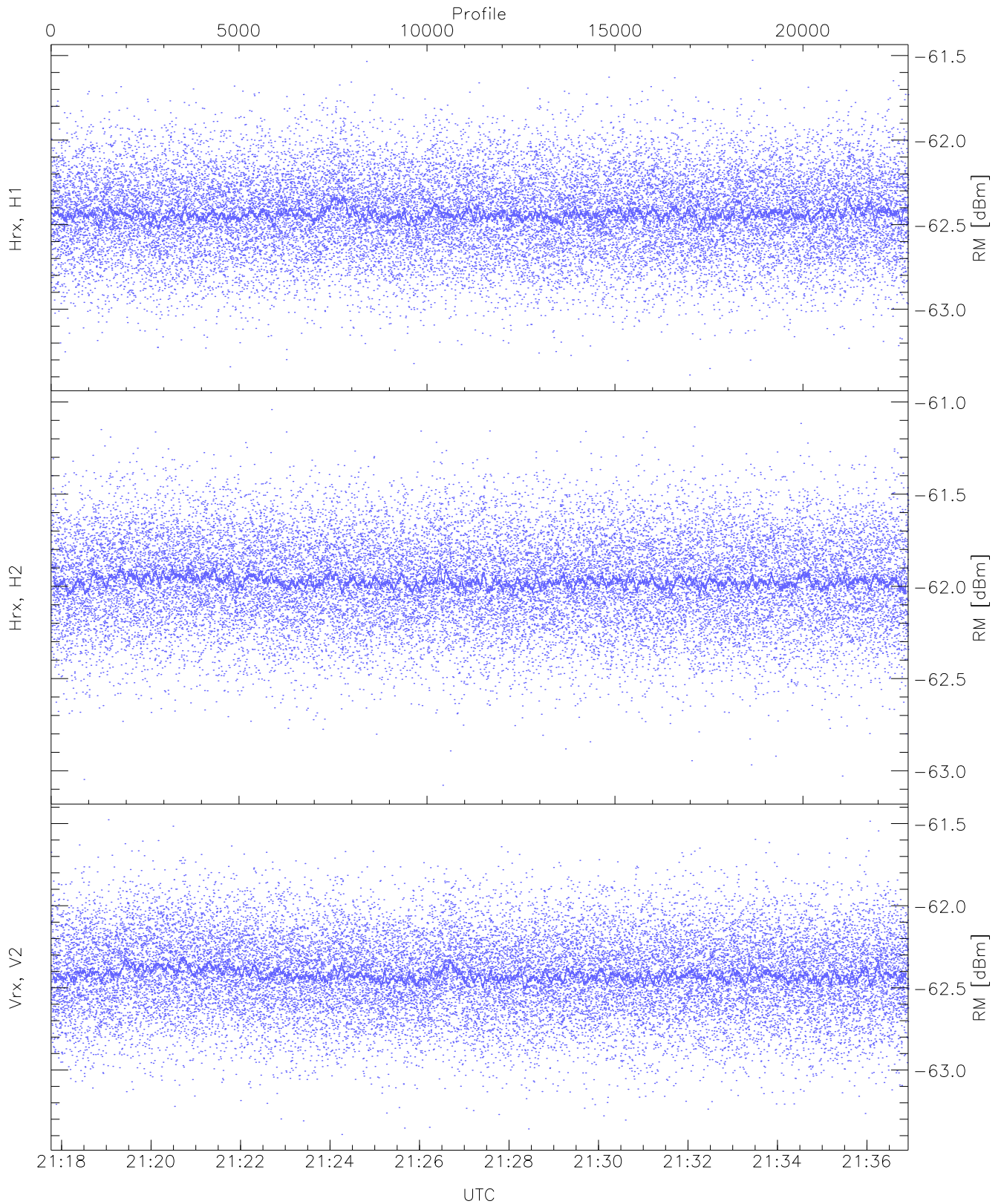
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.87	-61.04	-61.90	-61.91	-74.48
Hrx, H2 (WL [dBm])	-62.82	-61.05	-61.91	-61.91	-74.49
Vrx, V2 (WL [dBm])	-63.53	-61.45	-62.45	-62.45	-74.99



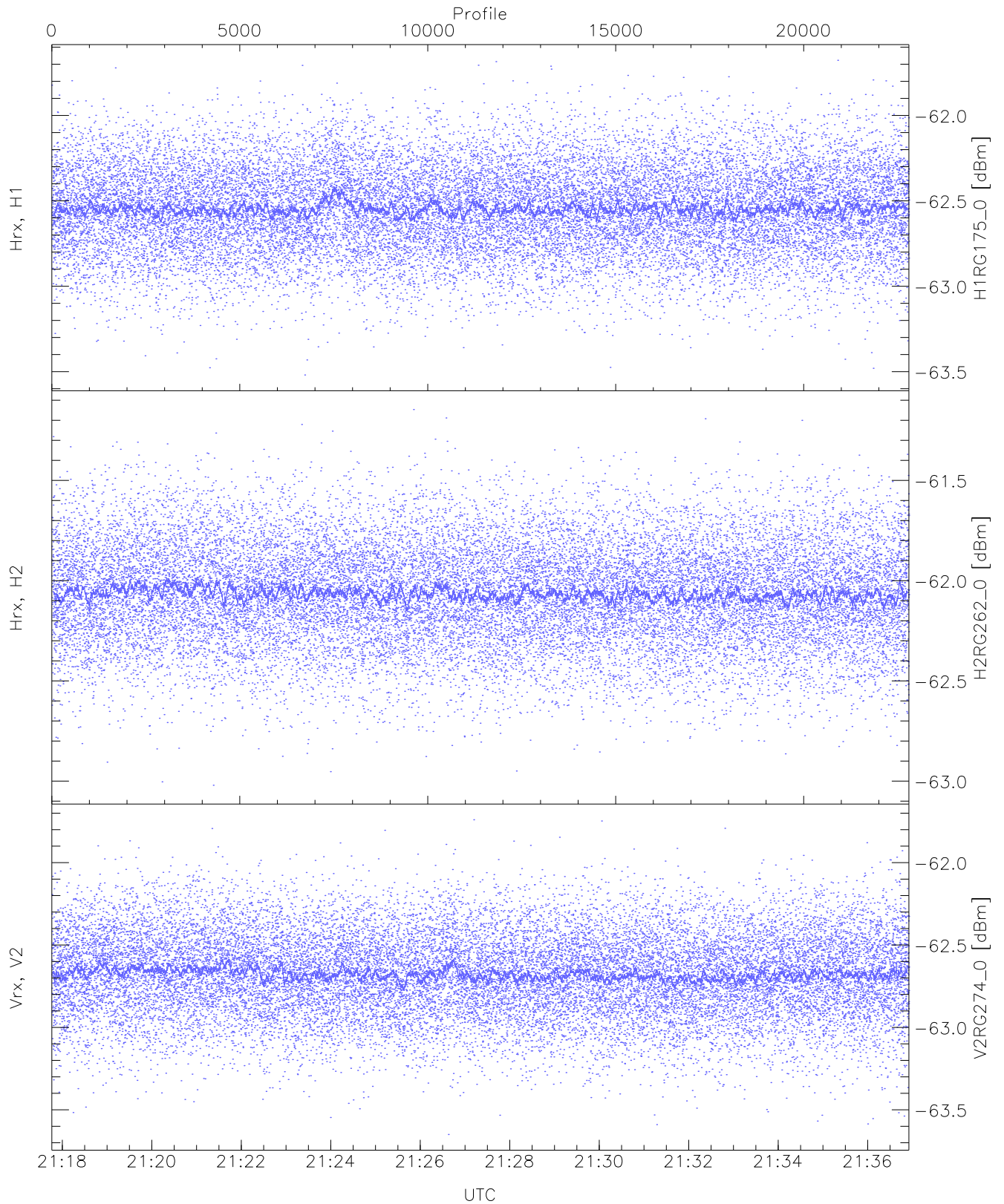
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.76	-60.71	-61.67	-61.68	-74.26
Hrx, H2 (HL [dBm])	-62.77	-60.75	-61.68	-61.68	-74.28
Vrx, V2 (HL [dBm])	-63.28	-61.30	-62.23	-62.24	-74.75



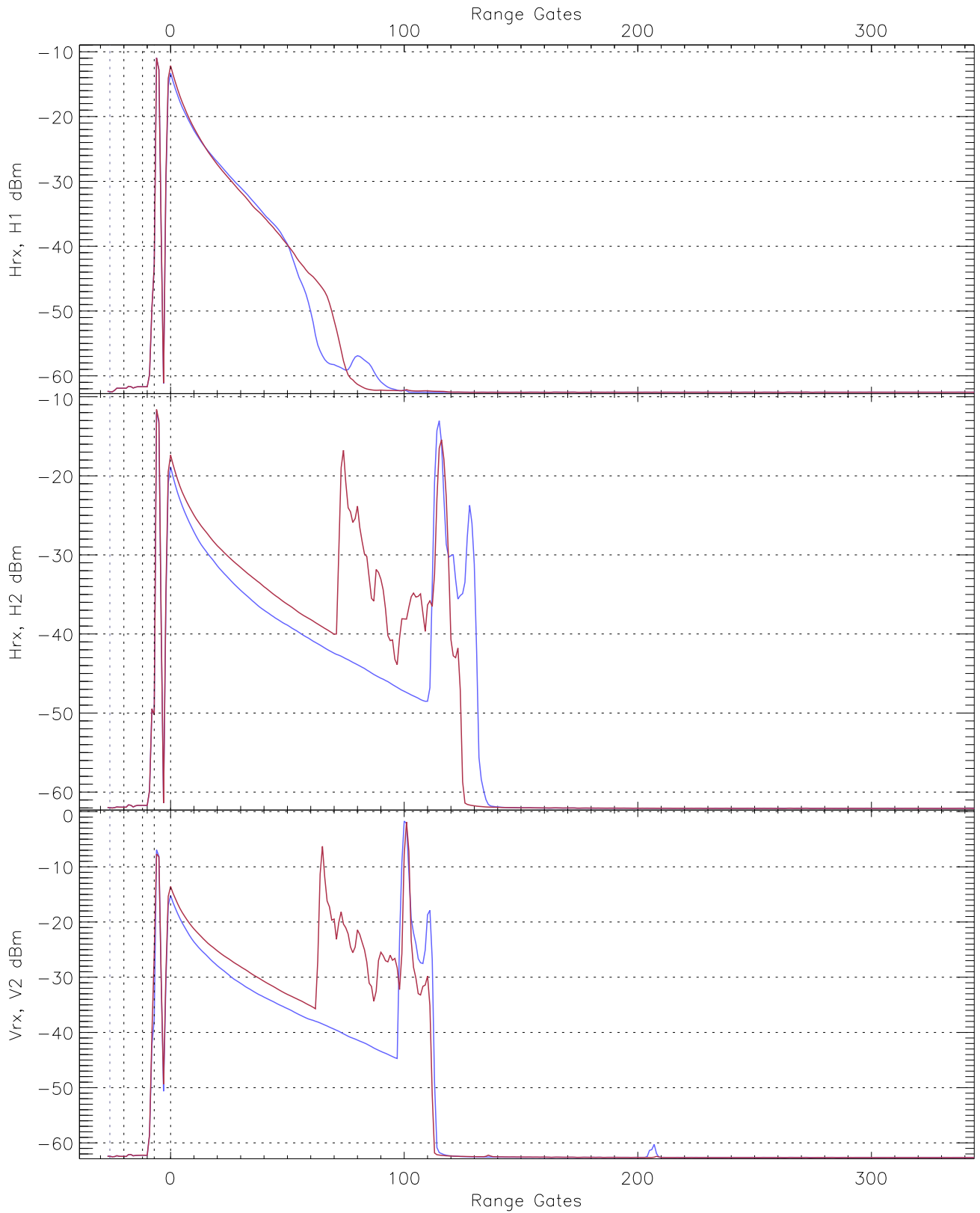
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.39	-61.53	-62.43	-62.44	-75.03
Hrx, H2 (RM [dBm])	-63.08	-61.04	-61.97	-61.97	-74.55
Vrx, V2 (RM [dBm])	-63.39	-61.48	-62.42	-62.42	-74.95

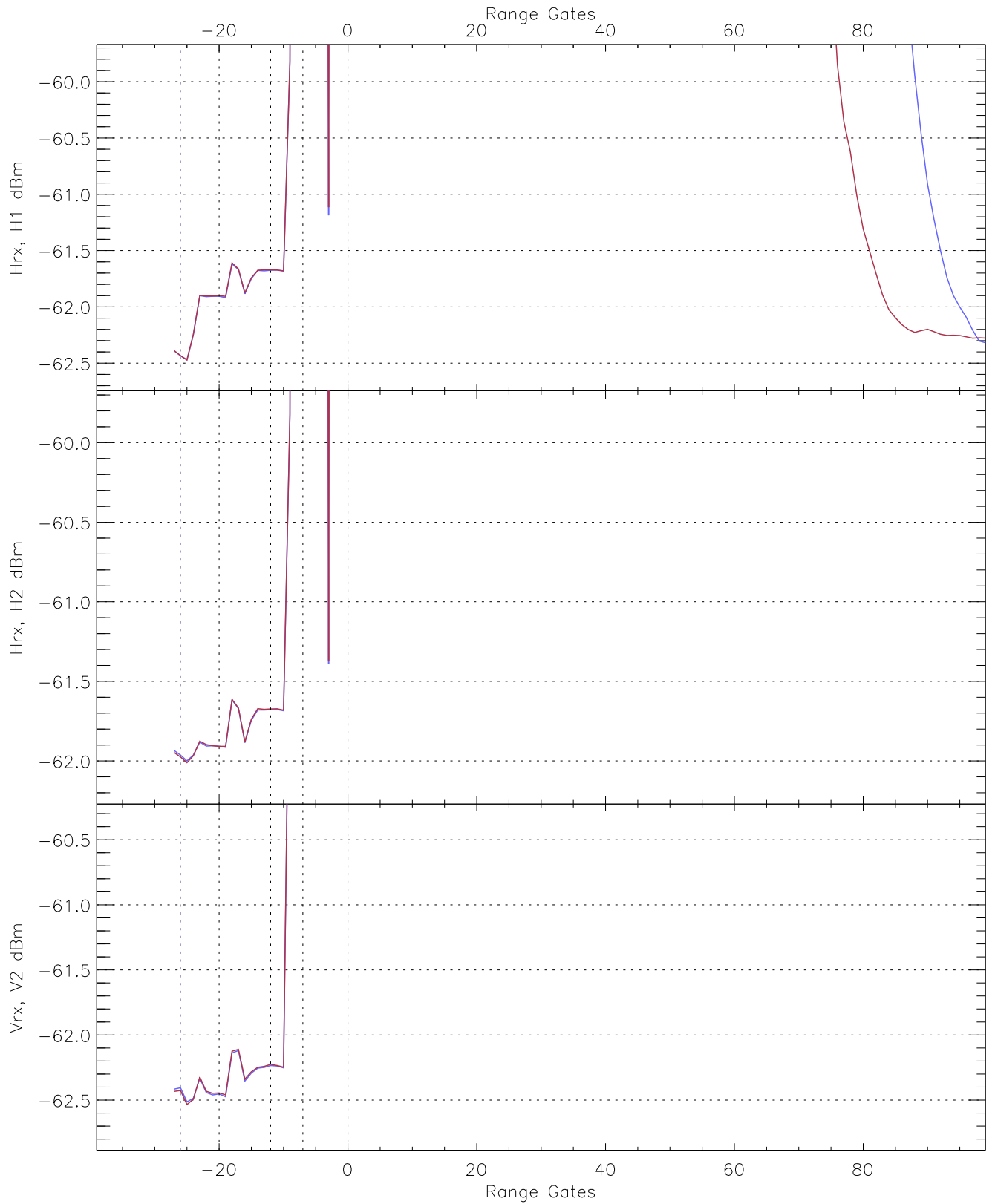


WCR2 CPP "Best" estimate Receivers Noise Power

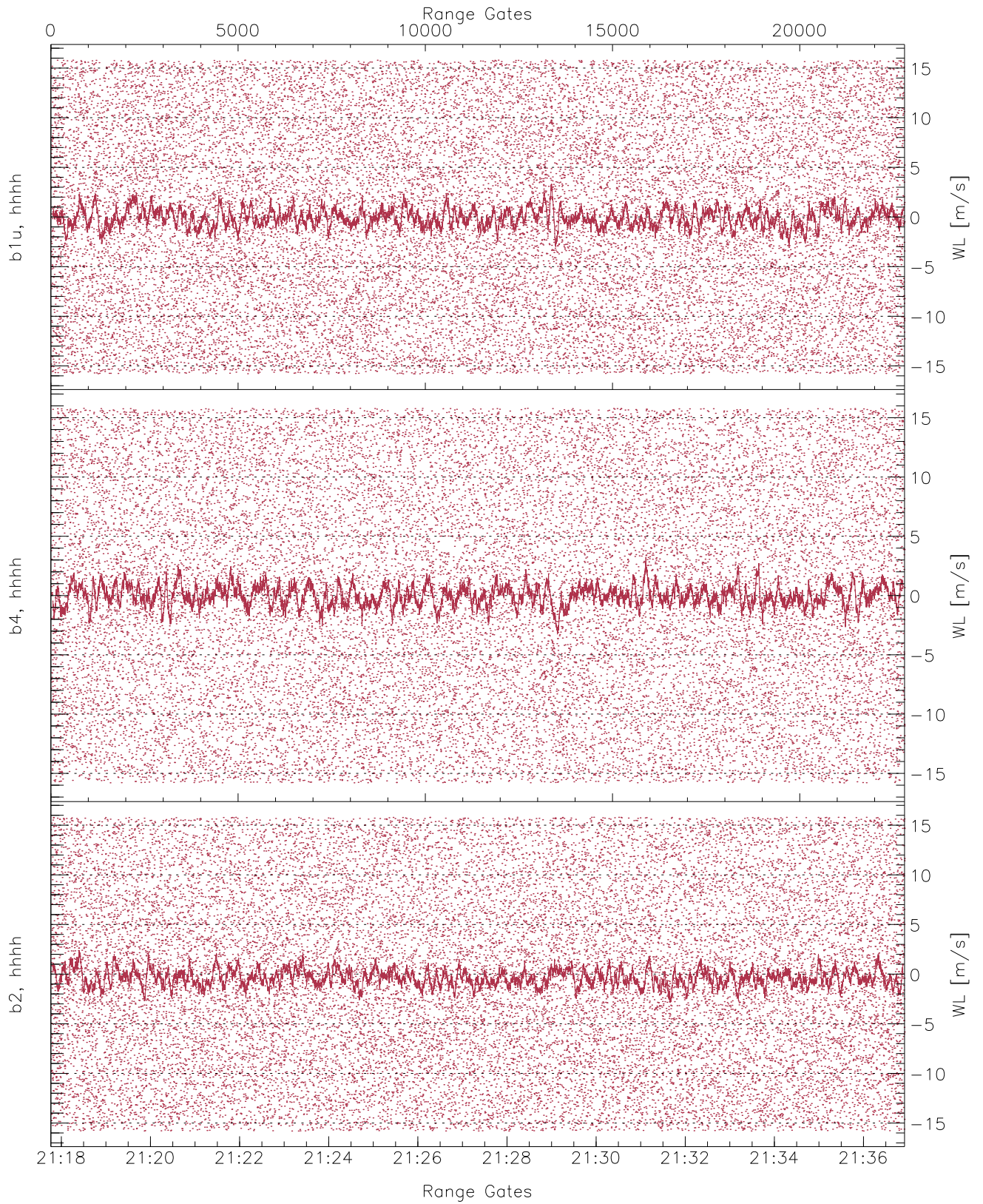
	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.52	-61.68	-62.54	-62.55	-75.09
H2RG262_0 [dBm]	-63.02	-61.15	-62.06	-62.07	-74.63
V2RG274_0 [dBm]	-63.65	-61.74	-62.67	-62.68	-75.21



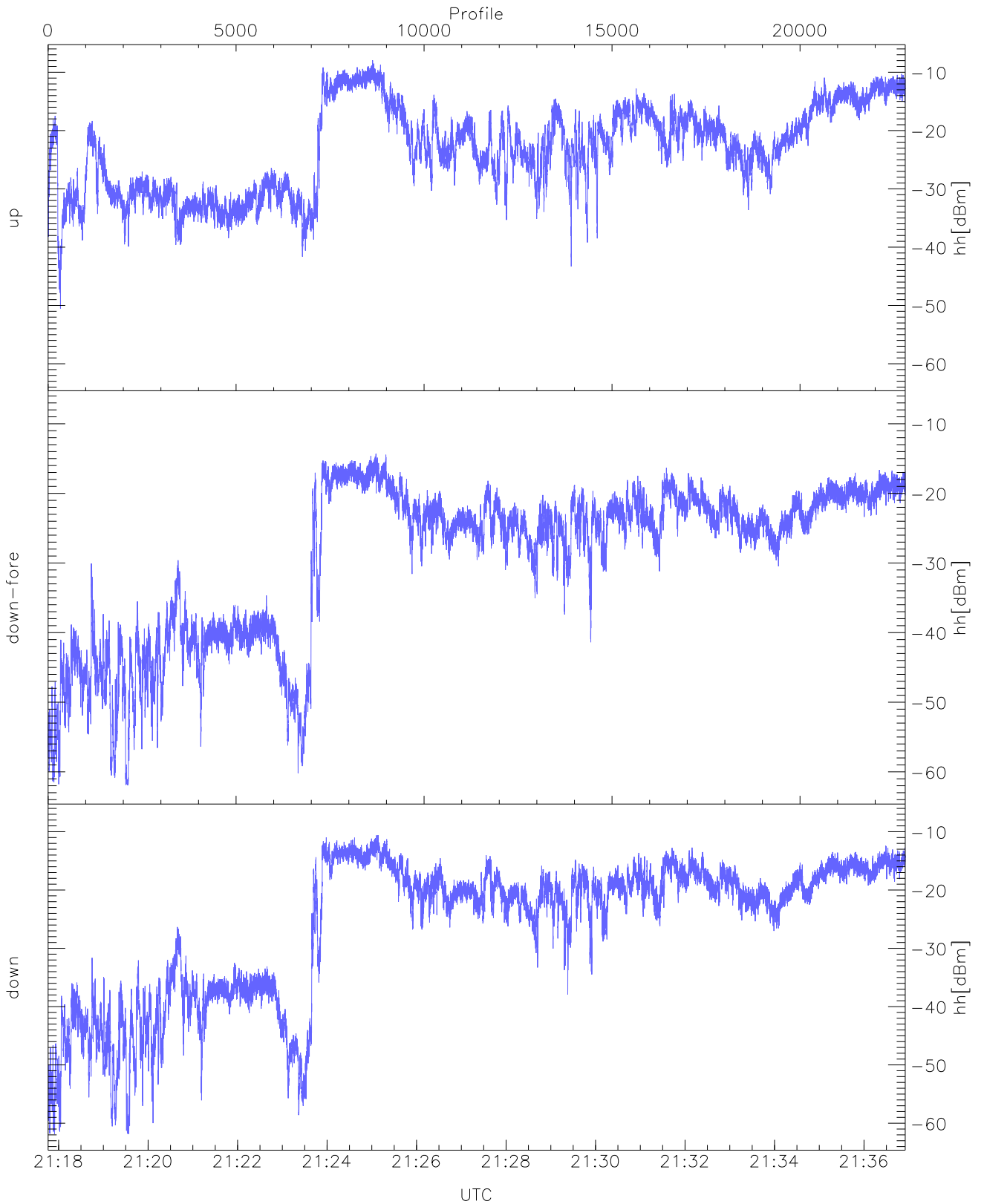
WCR2 CPP Averaged Received power for all recorded gates
blue: 211746-212721, 11401 profiles averaged
red: 212721-213655, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 211746-212721, 11401 profiles averaged
red: 212721-213655, 11400 profiles averaged

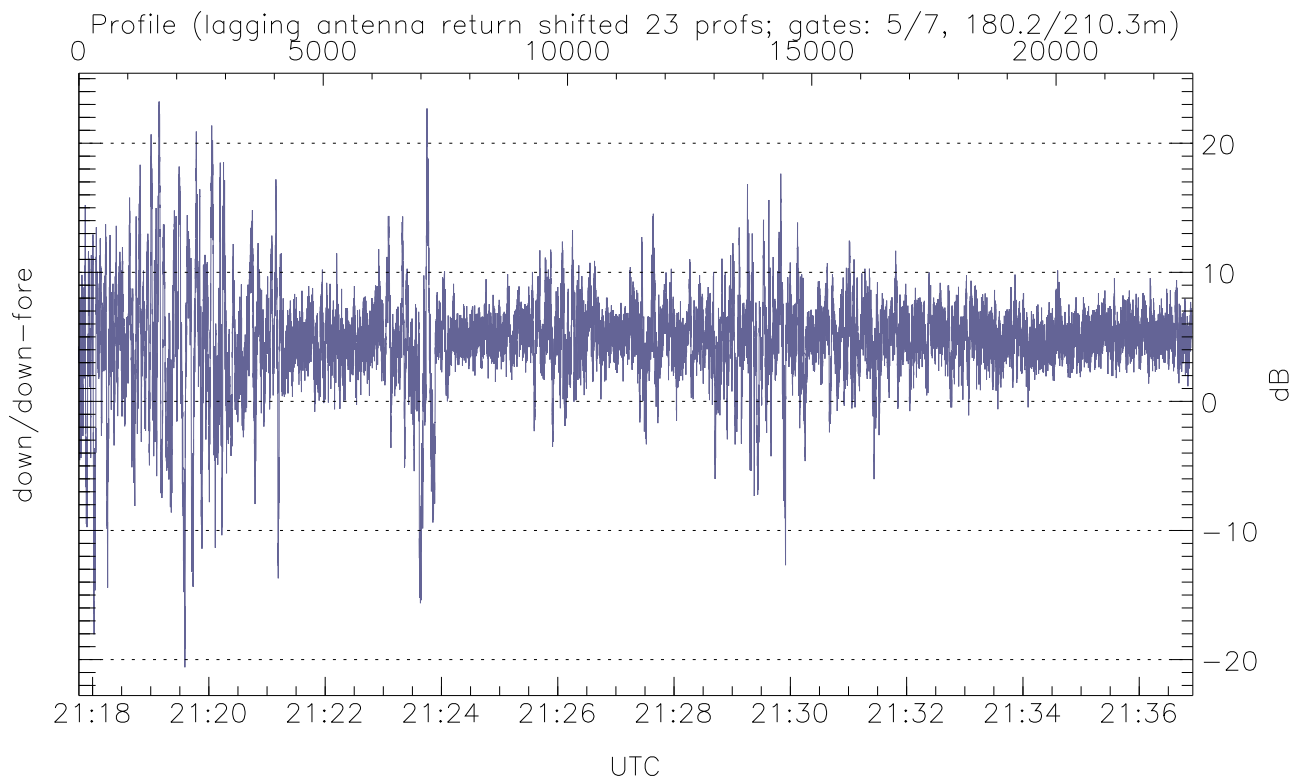
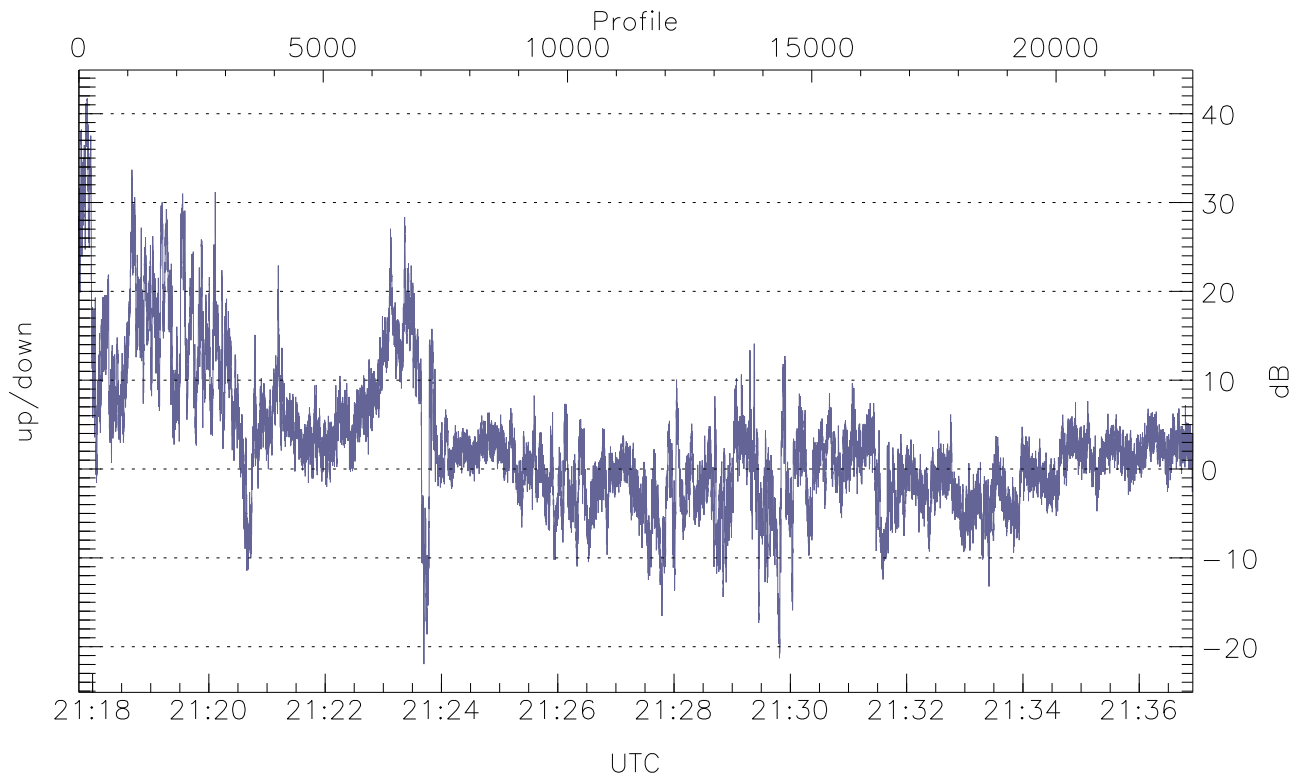


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



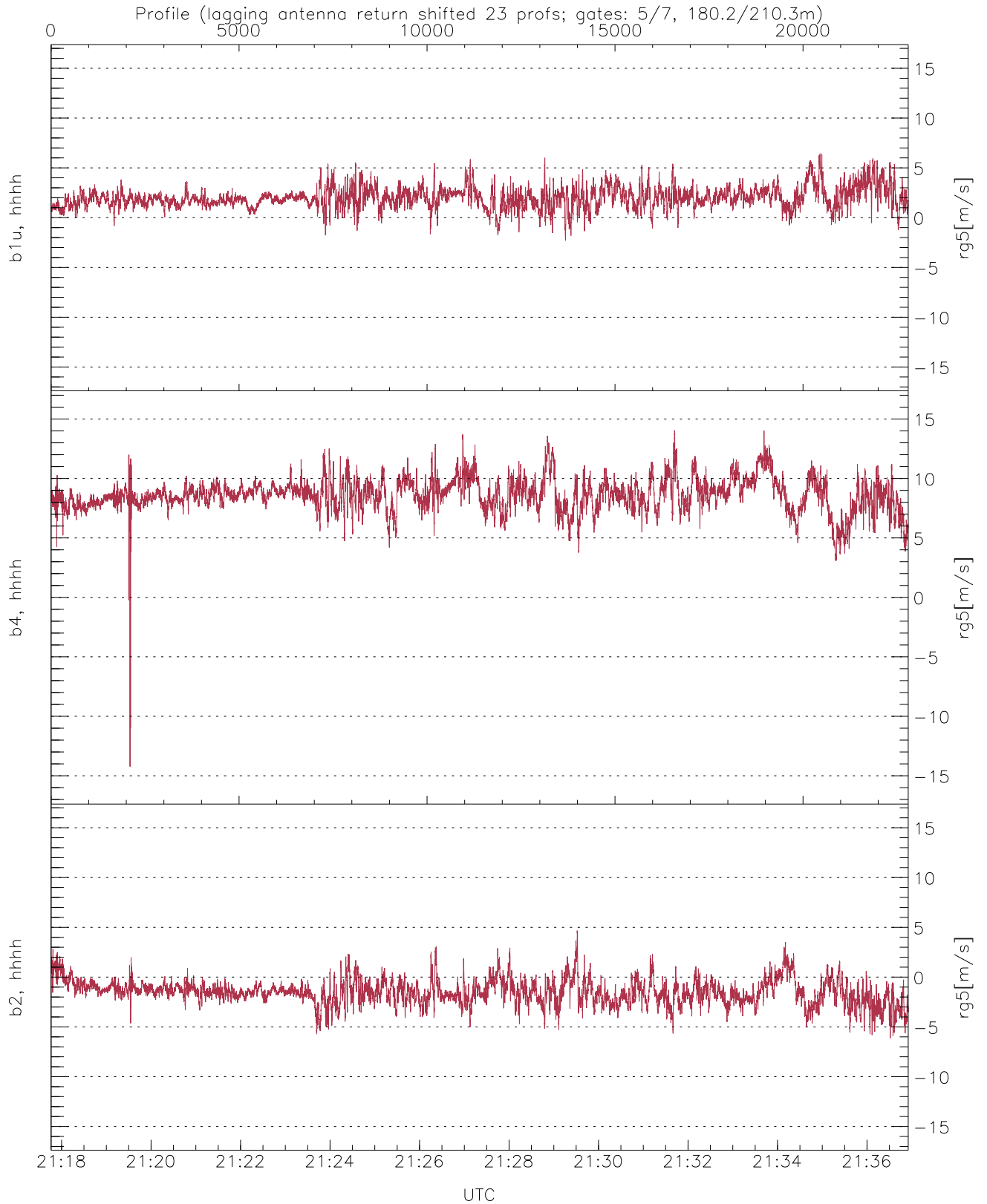
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-50.51	-7.95	-18.16
down-fore(hh[dBm])	-61.93	-14.31	-22.85
down(hh[dBm])	-61.88	-10.58	-19.12



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

	Min	Max	Mean
up/down (dB)	-21.95	41.73	2.90
down/down-fore (dB)	-20.59	23.23	4.73



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-2.30	6.43	2.00	1.05
b4, hhhh(rg5[m/s])	-14.23	14.05	8.61	1.38
b2, hhhh(rg5[m/s])	-6.13	4.67	-1.50	1.24