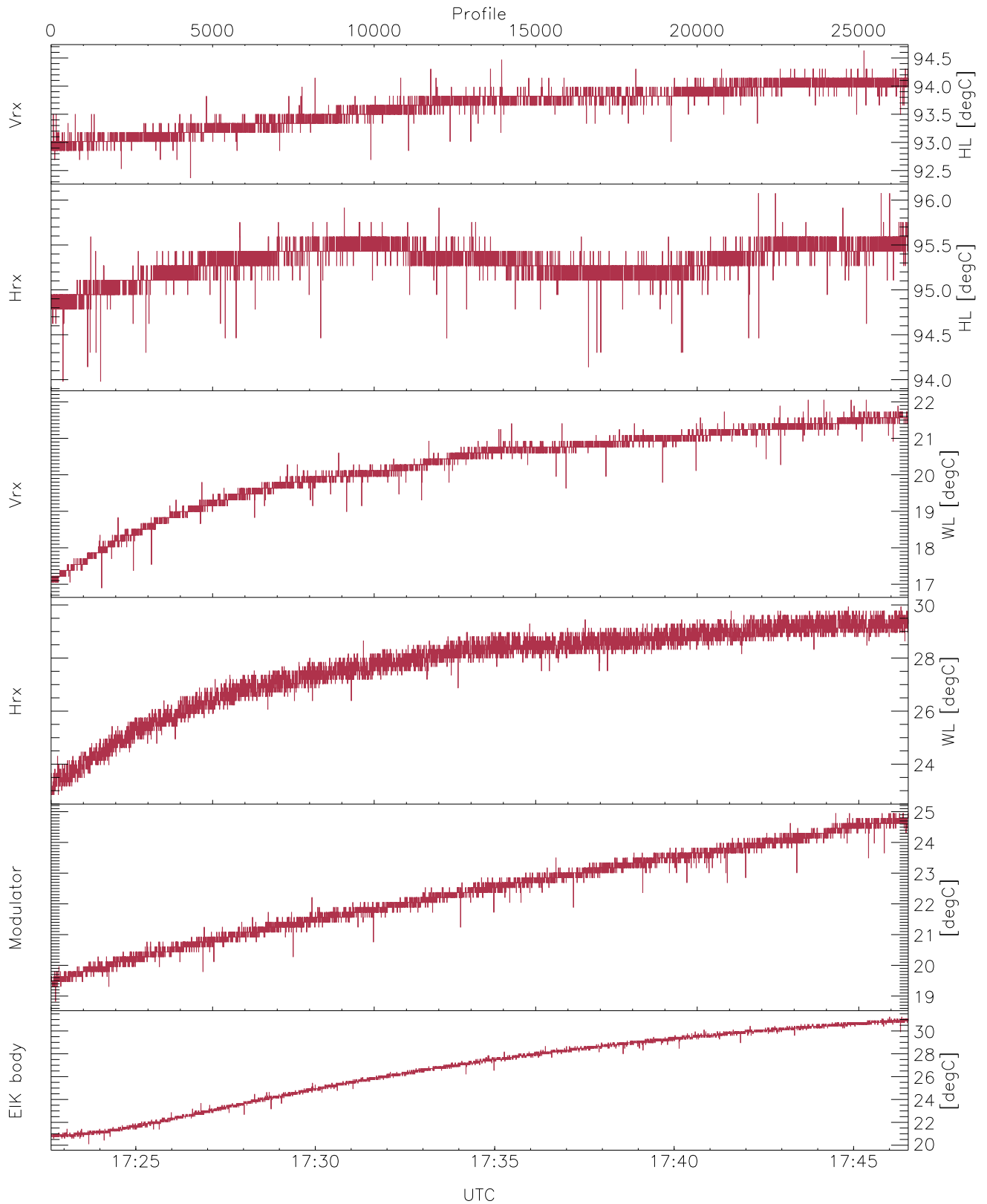


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

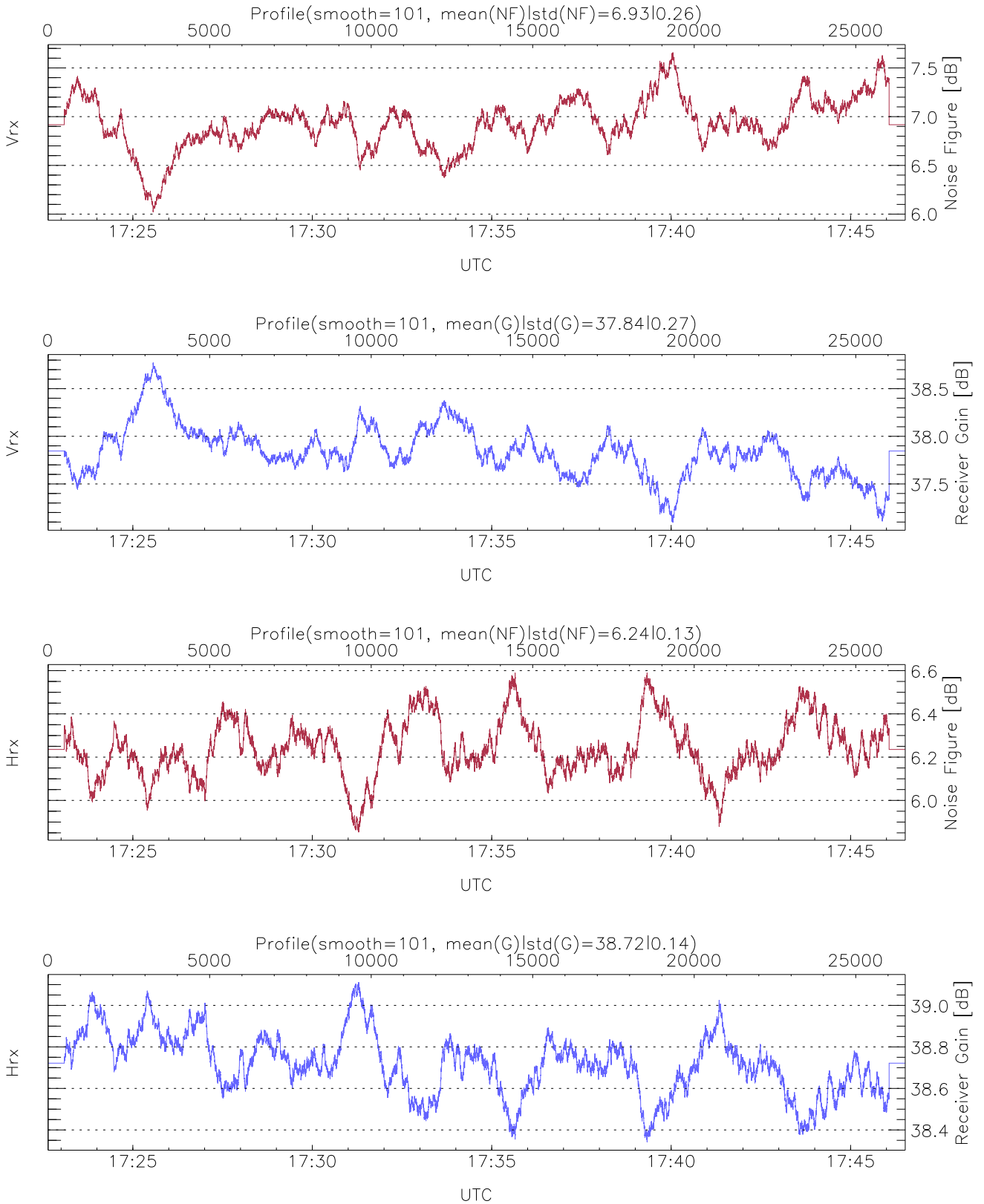
UTC: 17:22:38-17:46:31, Dur: 1433.09s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 54.0,54.0,54.0,0.0 ms / 19,19,19
 NumRec(r/t): 26533/26533, 0-26532/17:22:38-17:46:31
 AcqTime: 54.0ms, Rate: 287KB/s, Averages: 180
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rqs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



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

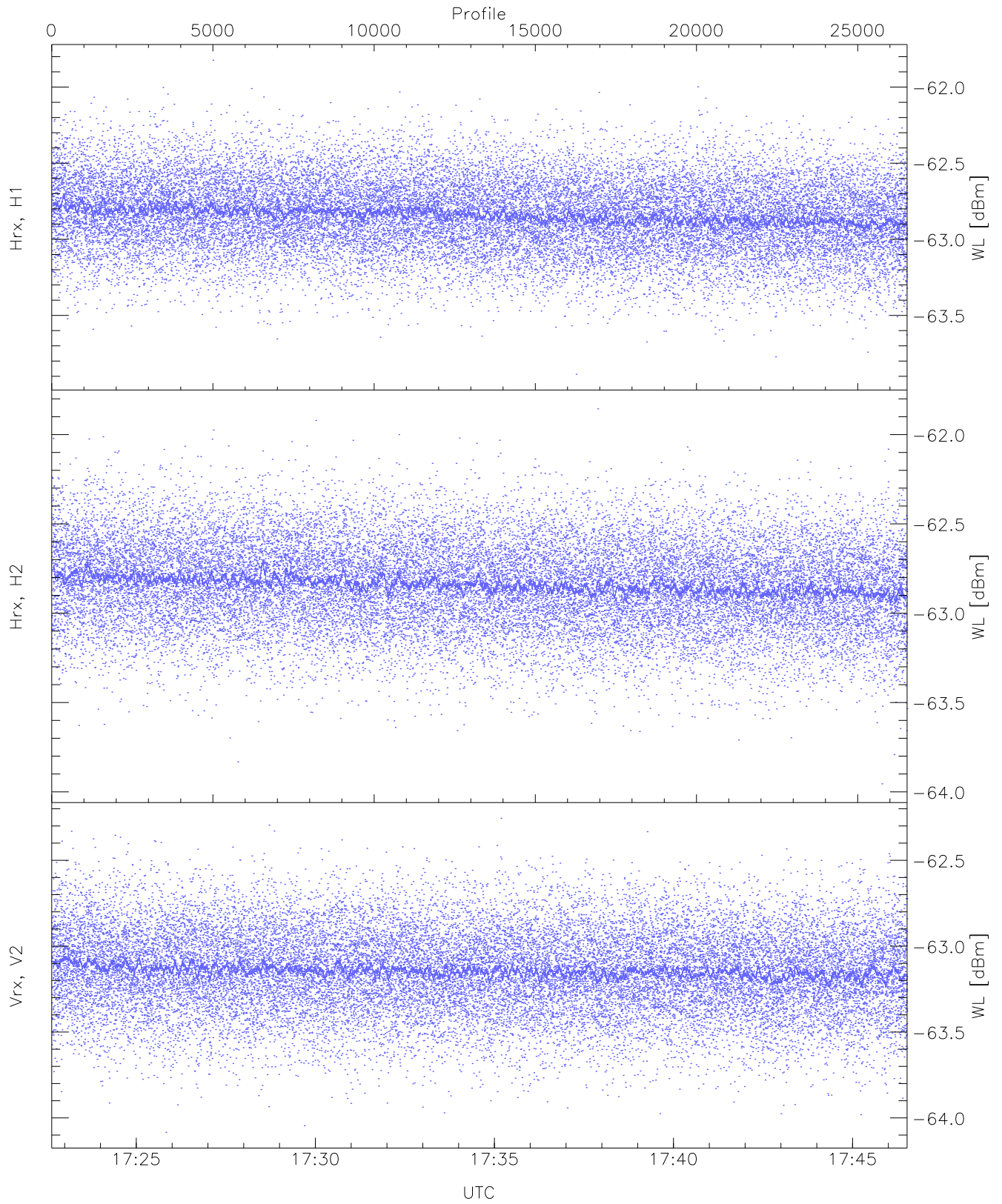
```

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,16,22,18,20
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,22,29,24,31
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,HVPS (5,5,5,15,25)
    
```



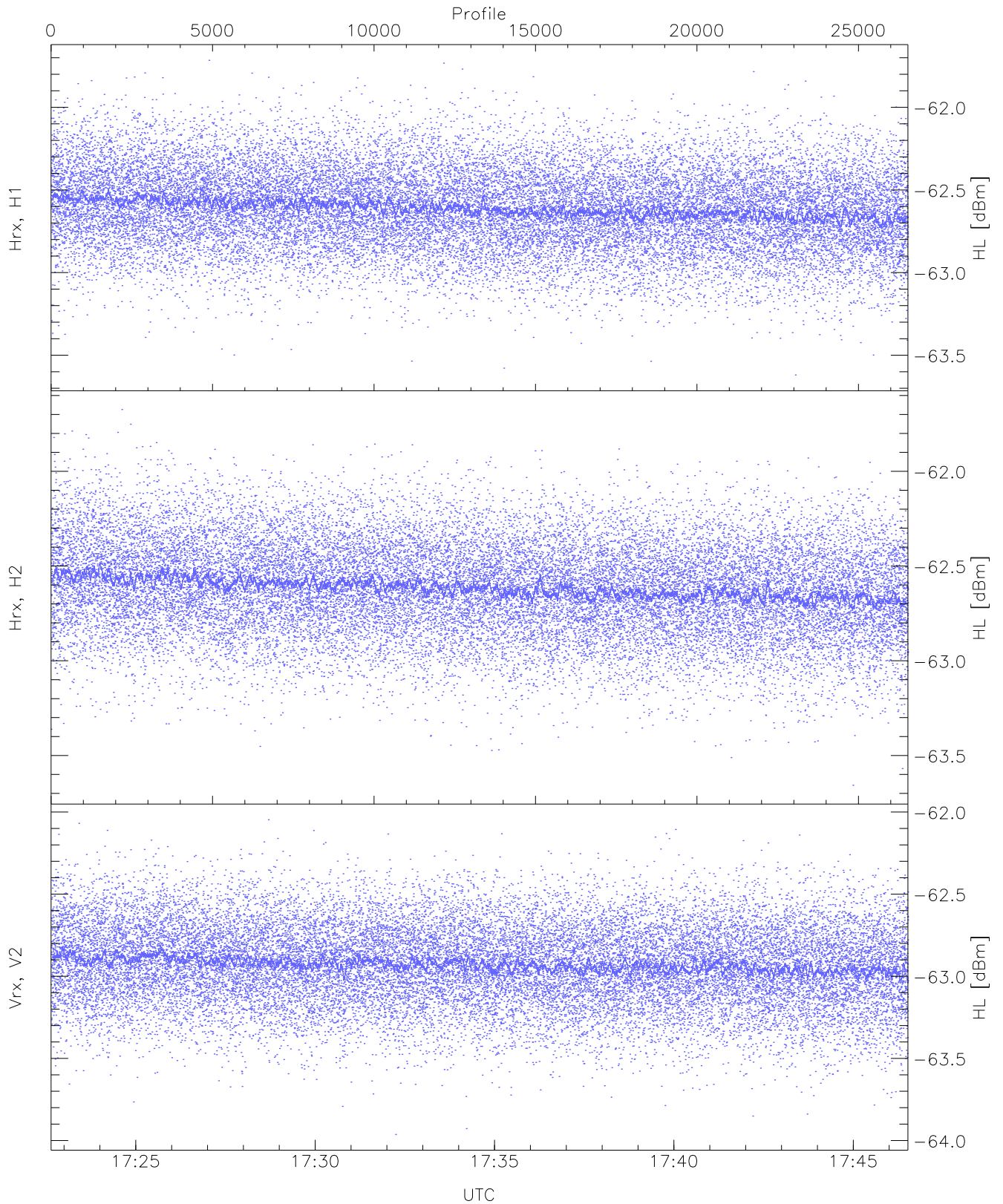
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9710 pixs, 96 gates, 6888 profs, 2 prods



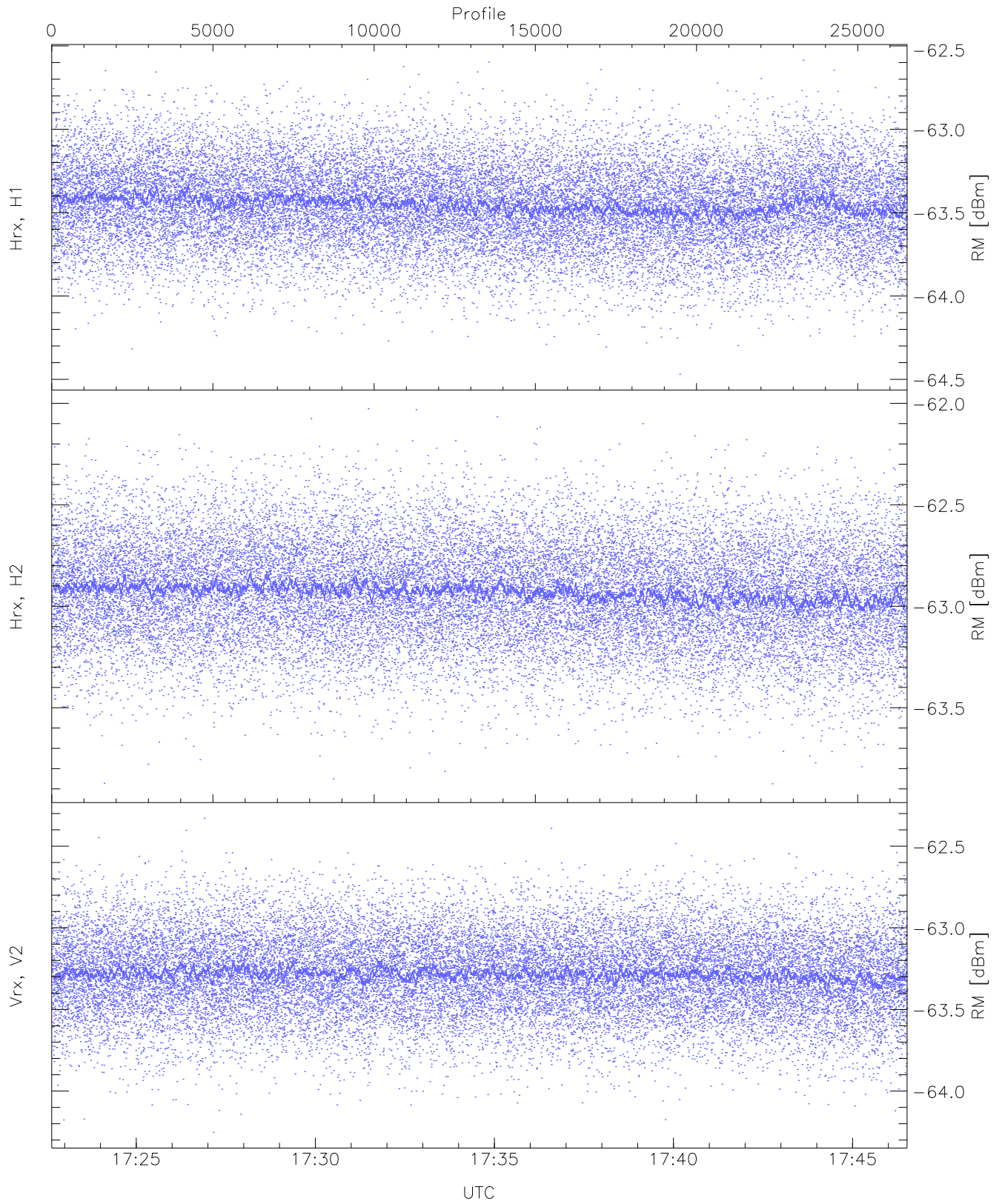
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.89	-61.82	-62.84	-62.84	-75.54
Hrx, H2 (WL [dBm])	-63.95	-61.86	-62.84	-62.84	-75.49
Vrx, V2 (WL [dBm])	-64.08	-62.26	-63.14	-63.15	-75.84



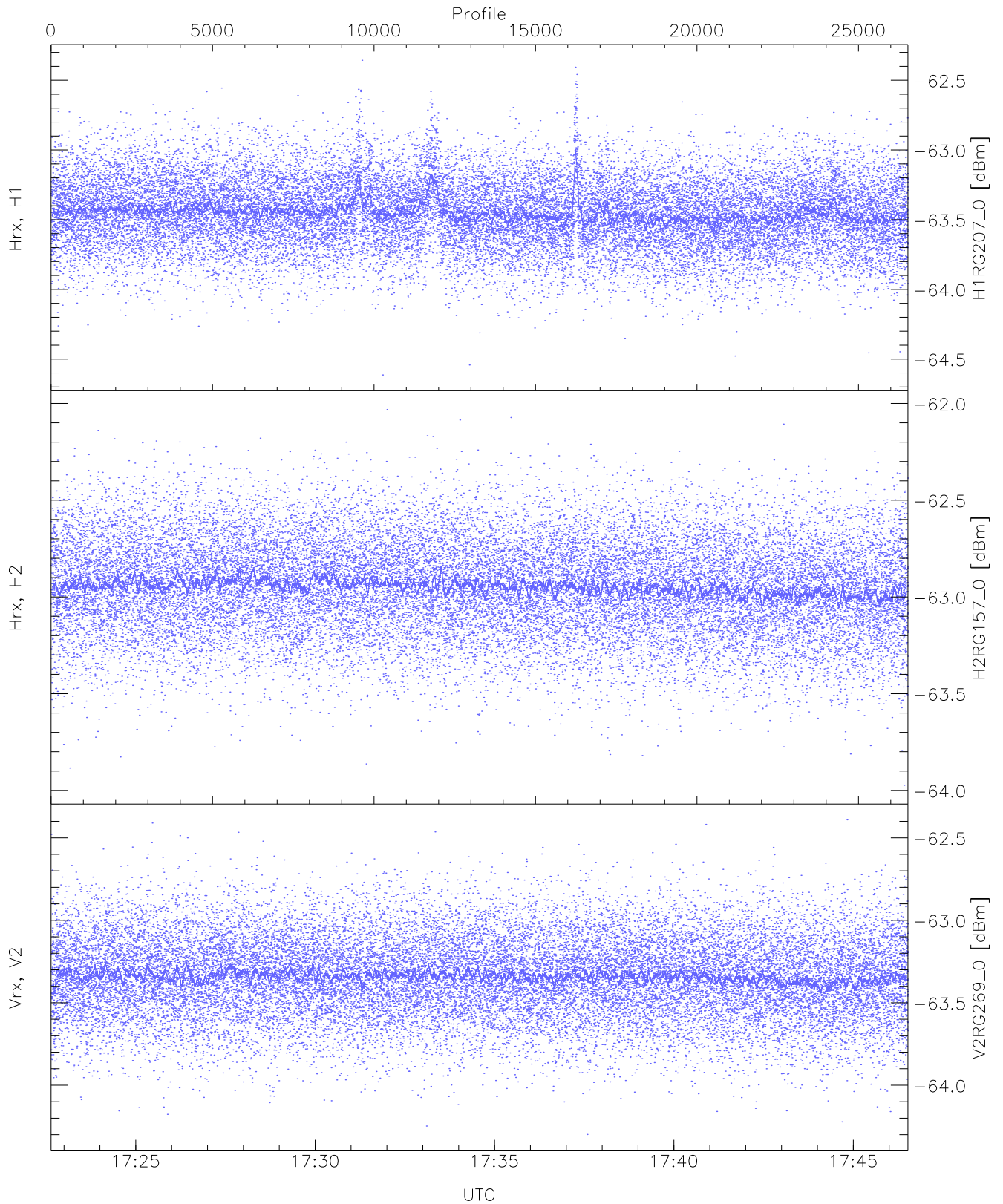
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.62	-61.72	-62.61	-62.61	-75.27
Hrx, H2 (HL [dBm])	-63.66	-61.67	-62.61	-62.62	-75.27
Vrx, V2 (HL [dBm])	-63.96	-62.05	-62.93	-62.93	-75.59



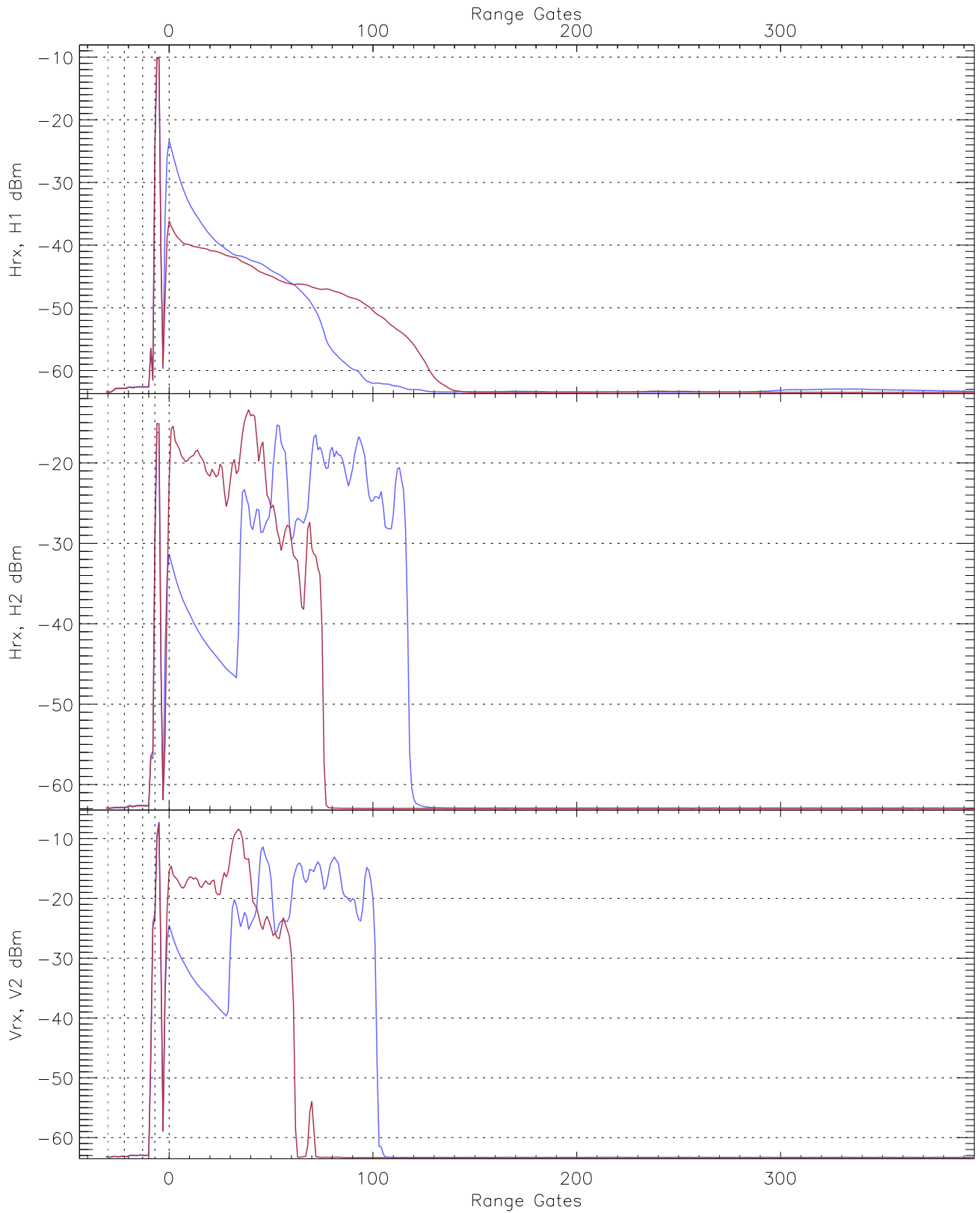
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.47	-62.59	-63.45	-63.45	-76.10
Hrx, H2 (RM [dBm])	-63.87	-62.03	-62.93	-62.93	-75.62
Vrx, V2 (RM [dBm])	-64.25	-62.33	-63.28	-63.29	-75.94

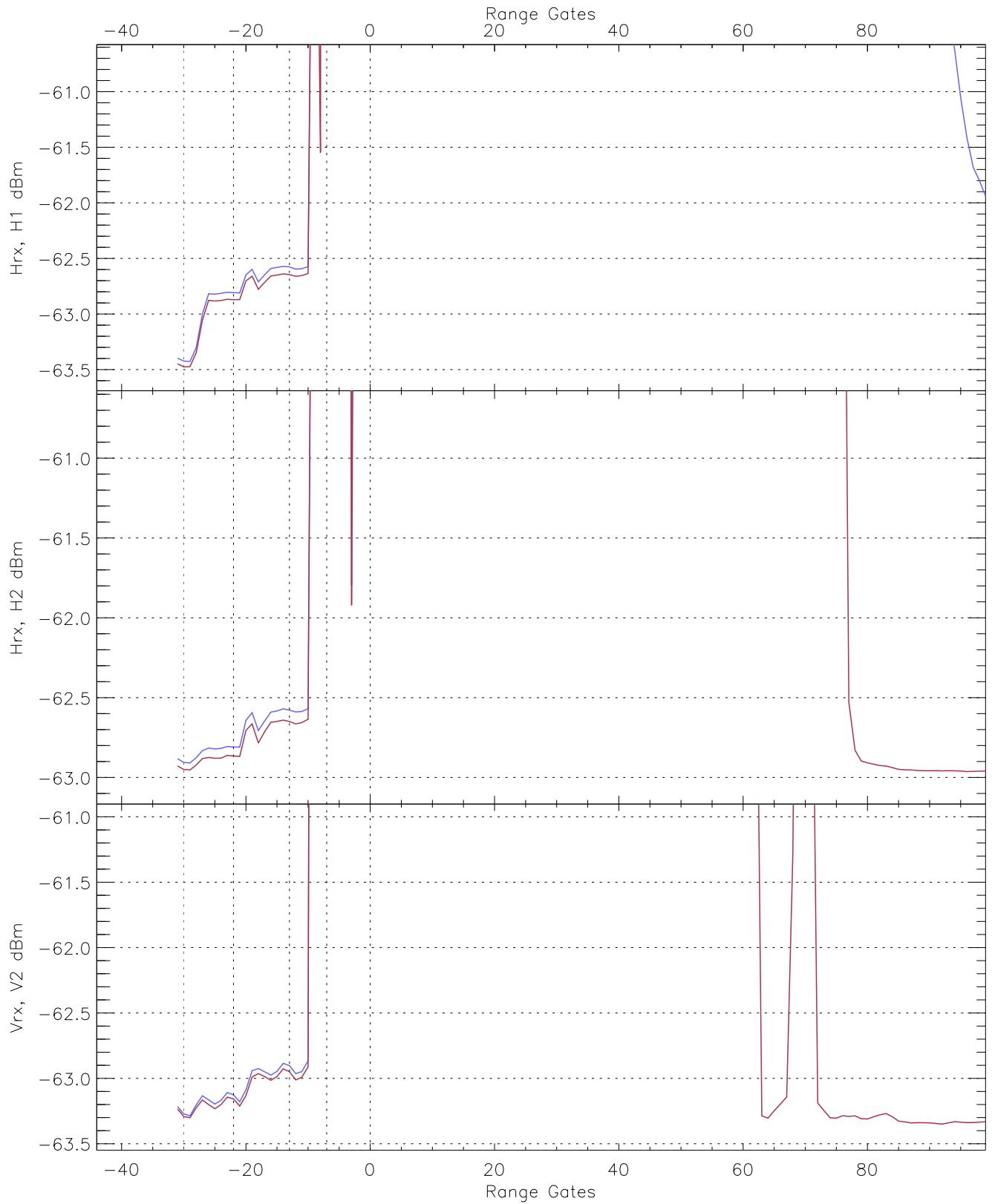


WCR2 CPP "Best" estimate Receivers Noise Power

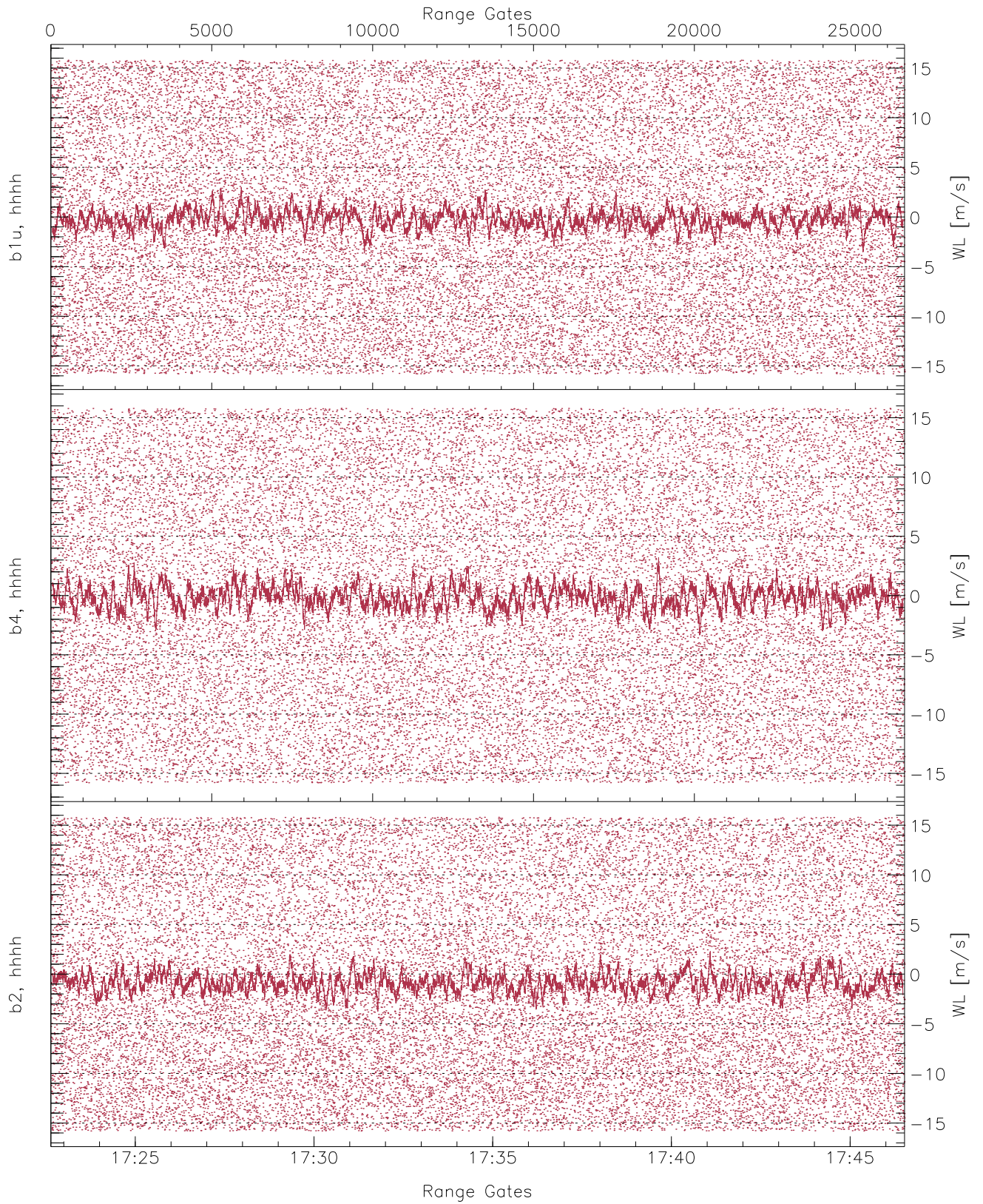
	Min	Max	Mean	Median	StDev
H1RG207_0 [dBm]	-64.61	-62.36	-63.45	-63.45	-76.03
H2RG157_0 [dBm]	-63.97	-62.03	-62.94	-62.95	-75.63
V2RG269_0 [dBm]	-64.30	-62.39	-63.34	-63.34	-76.01



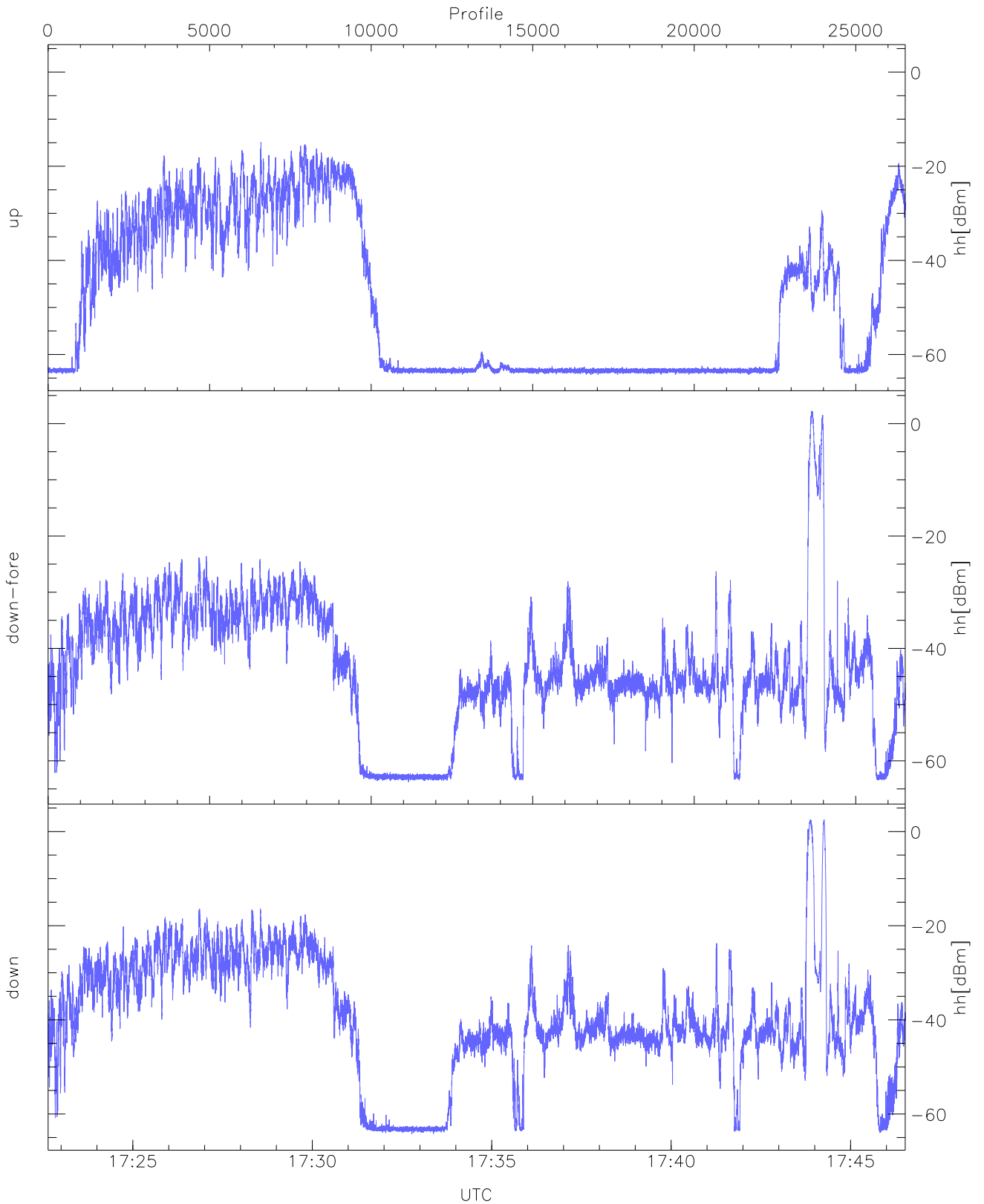
WCR2 CPP Averaged Received power for all recorded gates
blue: 172238-173435, 13267 profiles averaged
red: 173435-174631, 13267 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 172238-173435, 13267 profiles averaged
red: 173435-174631, 13267 profiles averaged

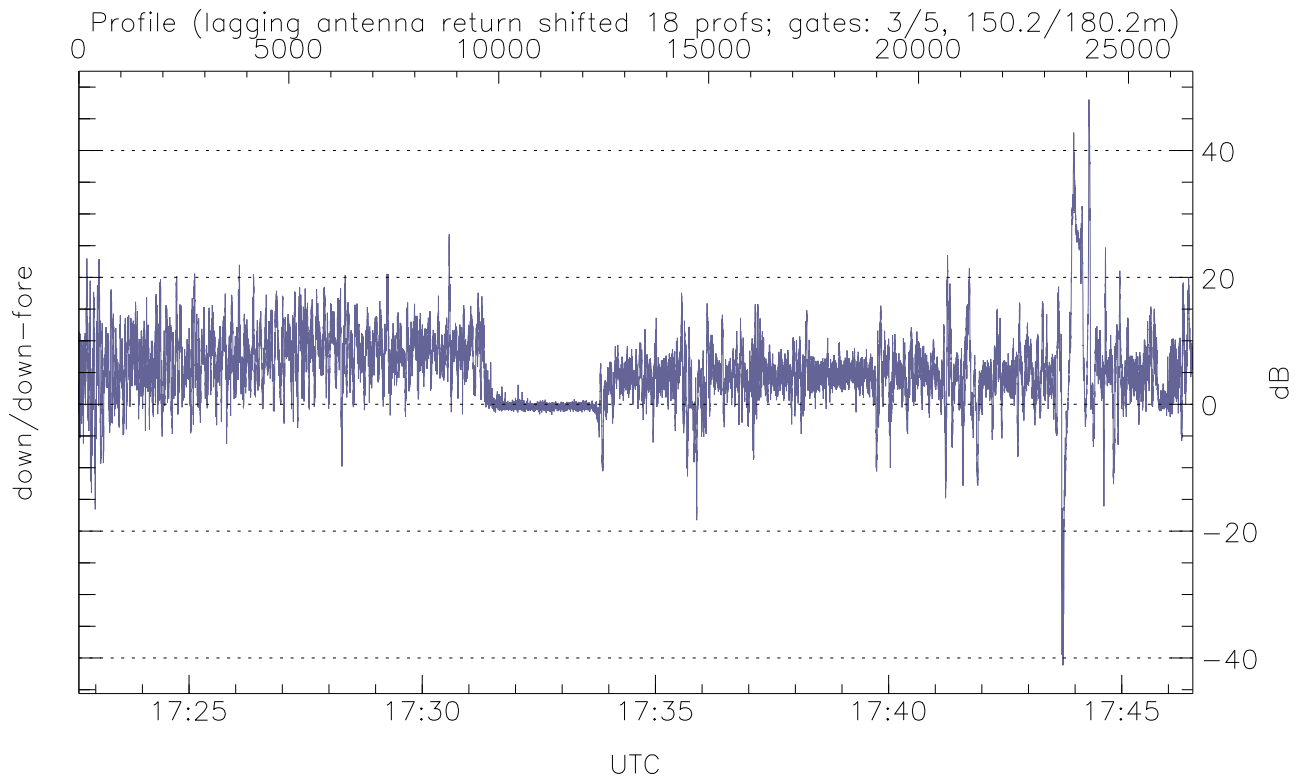
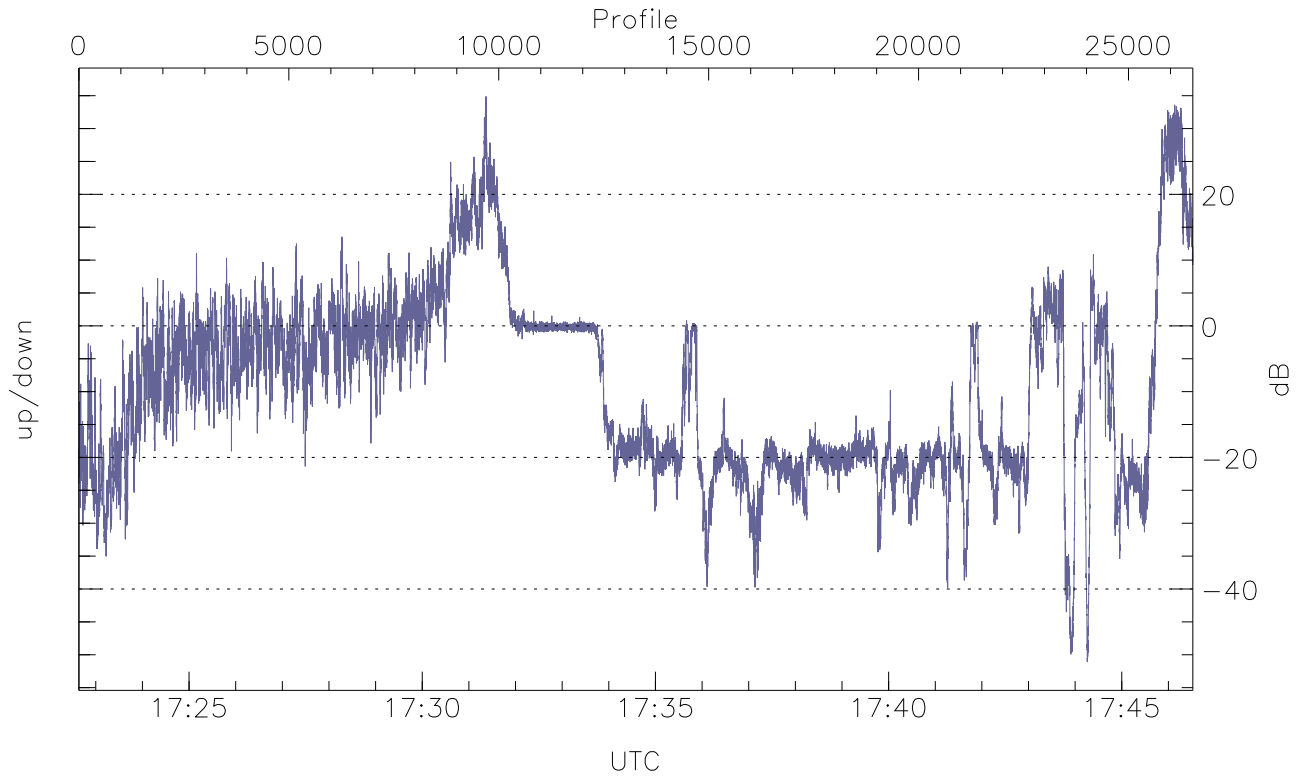


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



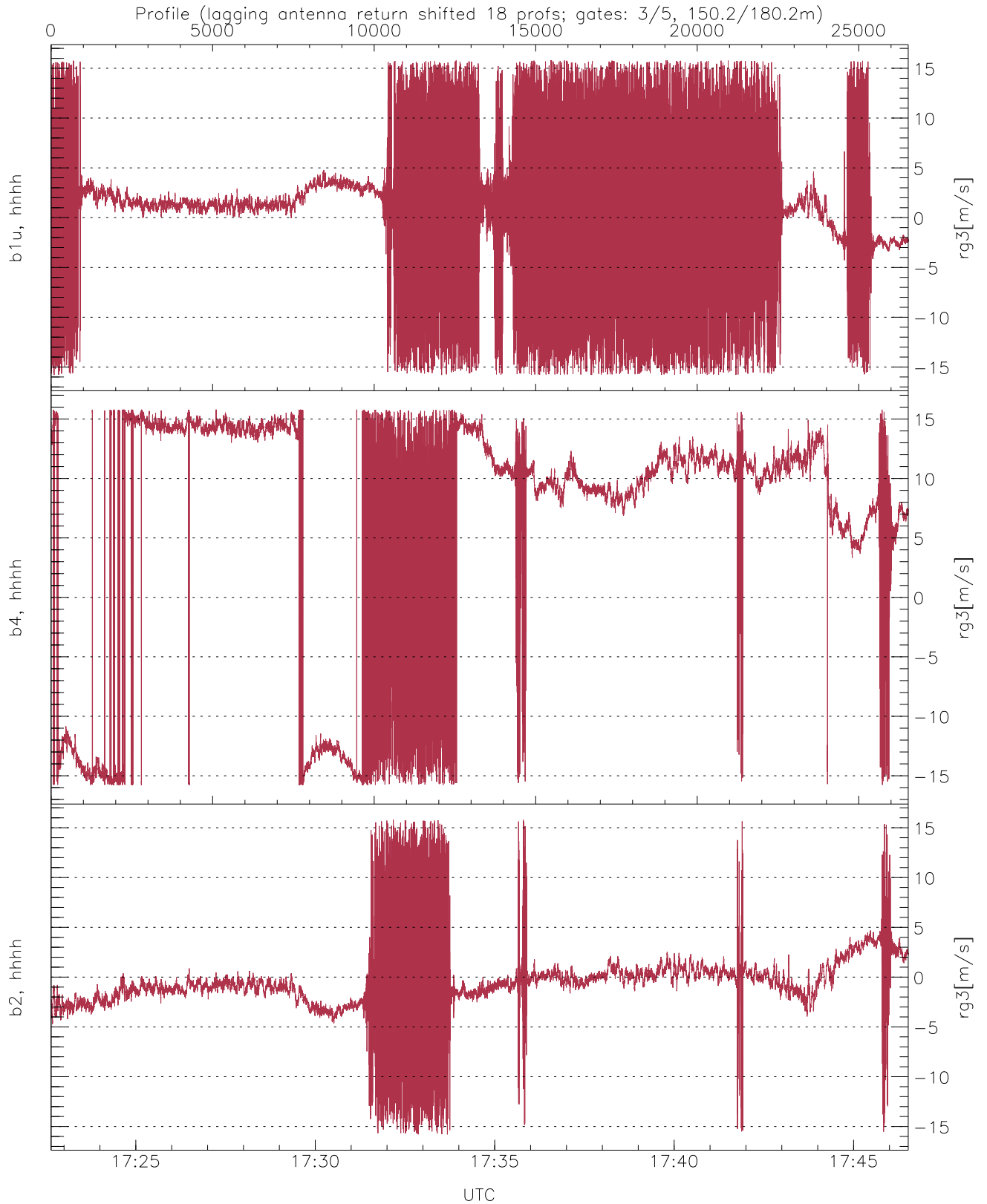
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh[dBm])	-64.35	-14.88	-29.68
down-fore(hh[dBm])	-63.78	2.23	-20.21
down(hh[dBm])	-64.26	2.51	-19.17



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 3 (150 m)

	Min	Max	Mean
up/down (dB)	-51.12	34.91	-9.28
down/down-fore (dB)	-41.15	48.04	5.24



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.80	15.80	0.58	6.26
b4, hhhh(rg3[m/s])	-15.80	15.80	6.19	10.14
b2, hhhh(rg3[m/s])	-15.80	15.80	-0.56	3.13