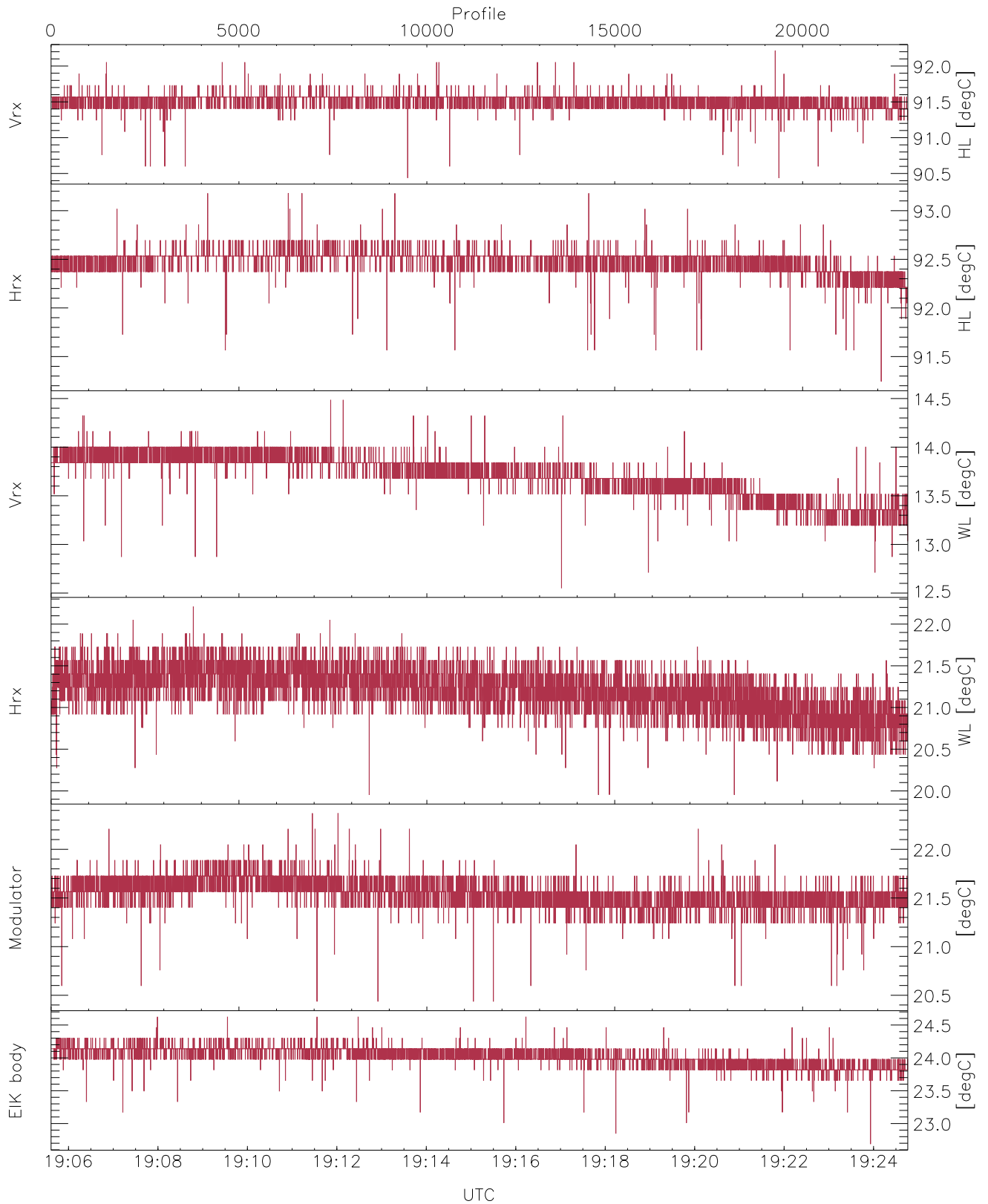


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

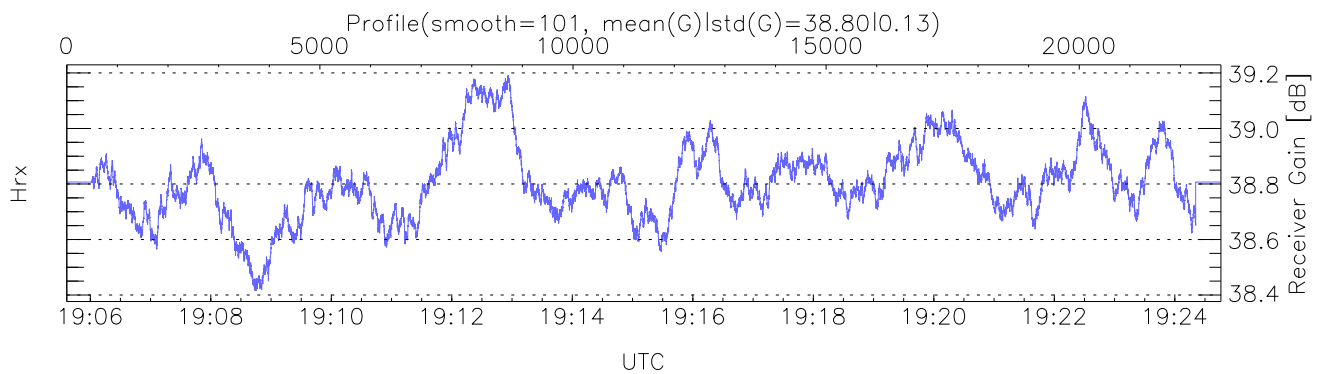
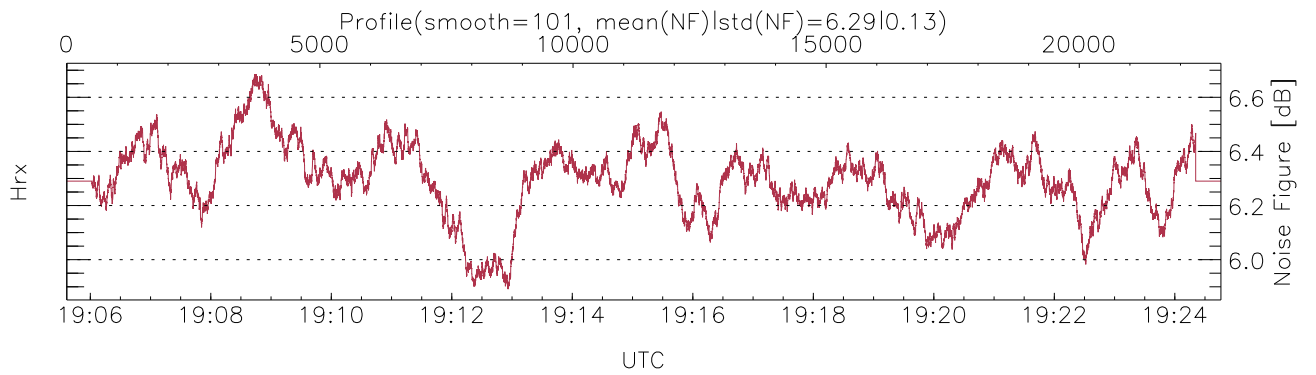
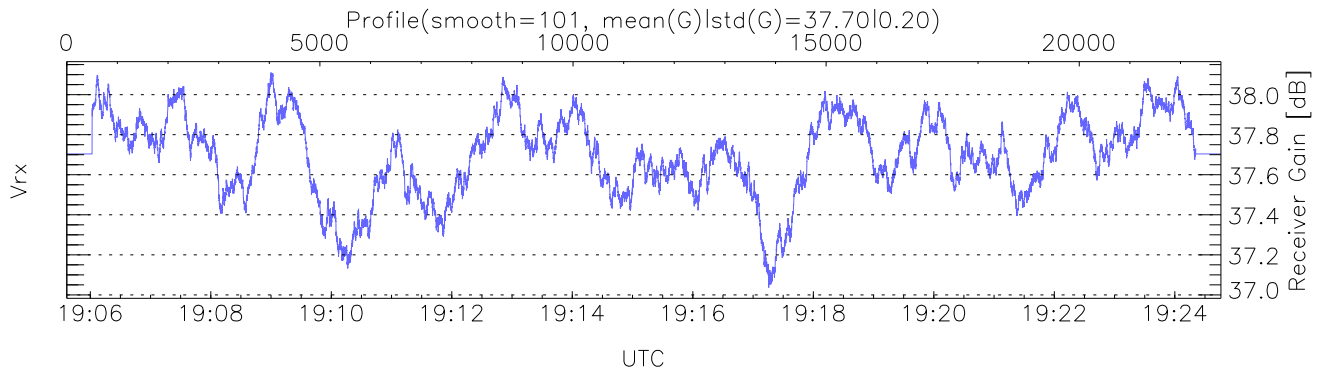
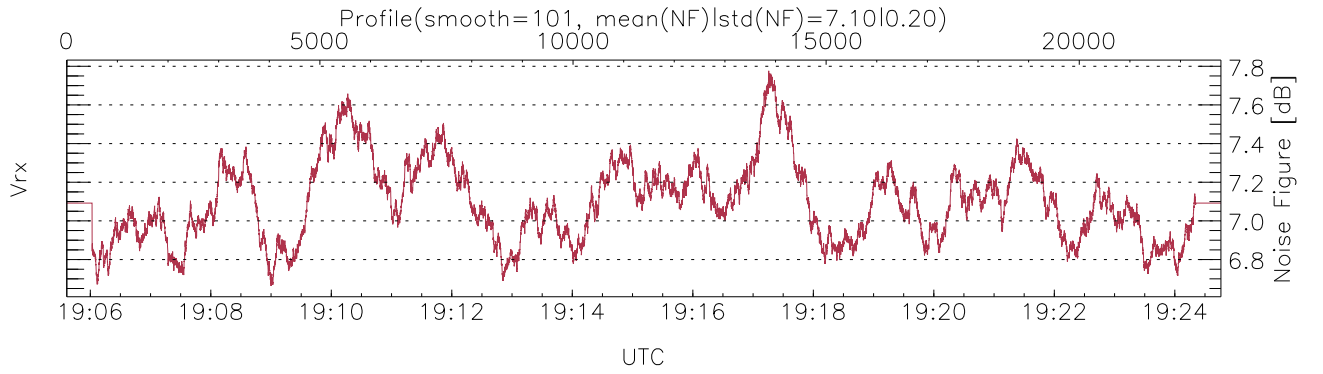
UTC: 19:05:37-19:58:33, Dur: 3176.50s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/63011, 0-22799/19:05:37-19:24:46
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 20.0 20.0 20.0 20.0 20.0 KHz, IGS: 50us
 Range(min,max,rgs): 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

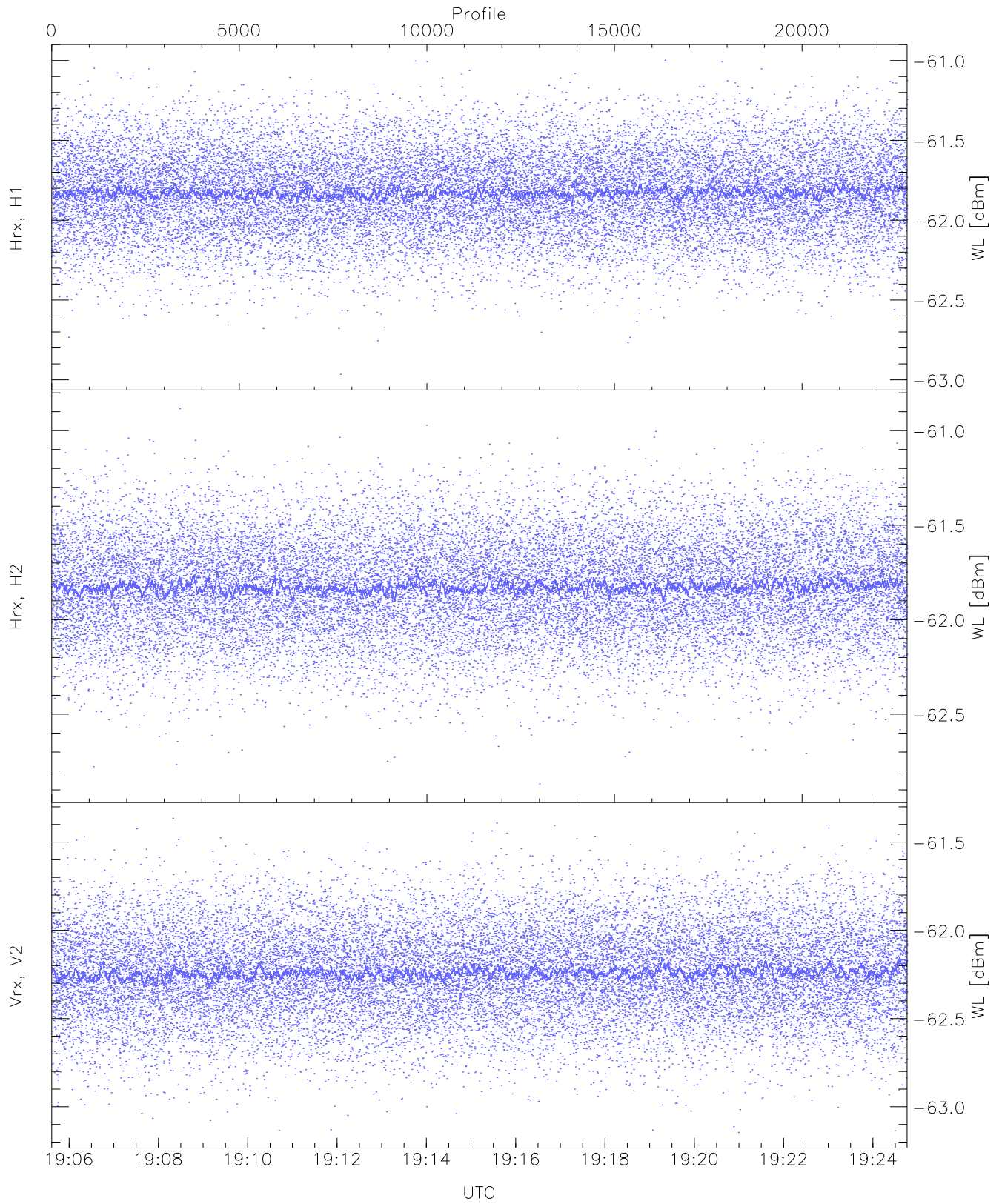
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,12,19,20,22
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,14,22,22,24
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (21,21,21,21,21,5)



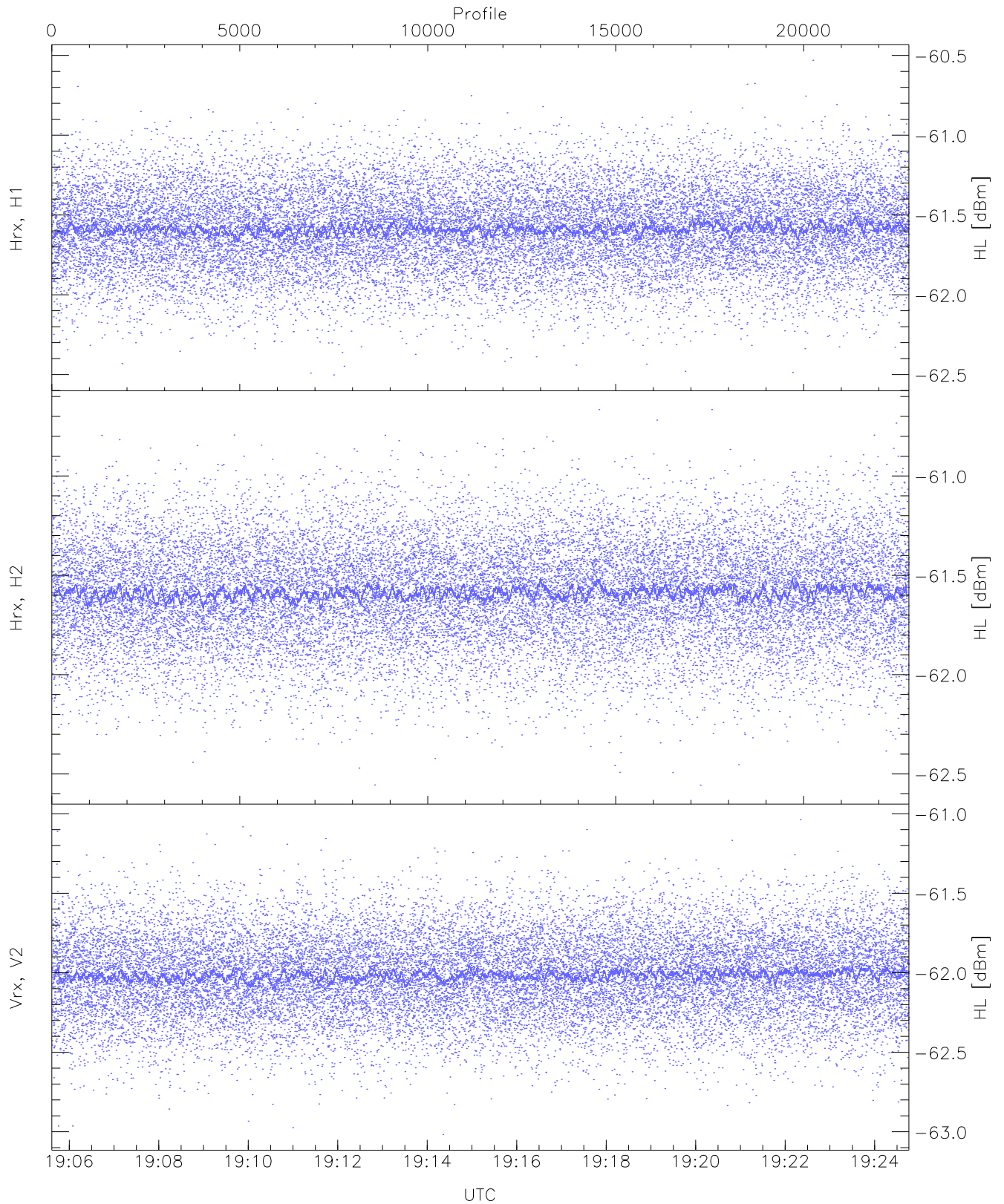
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 784 pixs, 41 gates, 746 profs, 2 prods



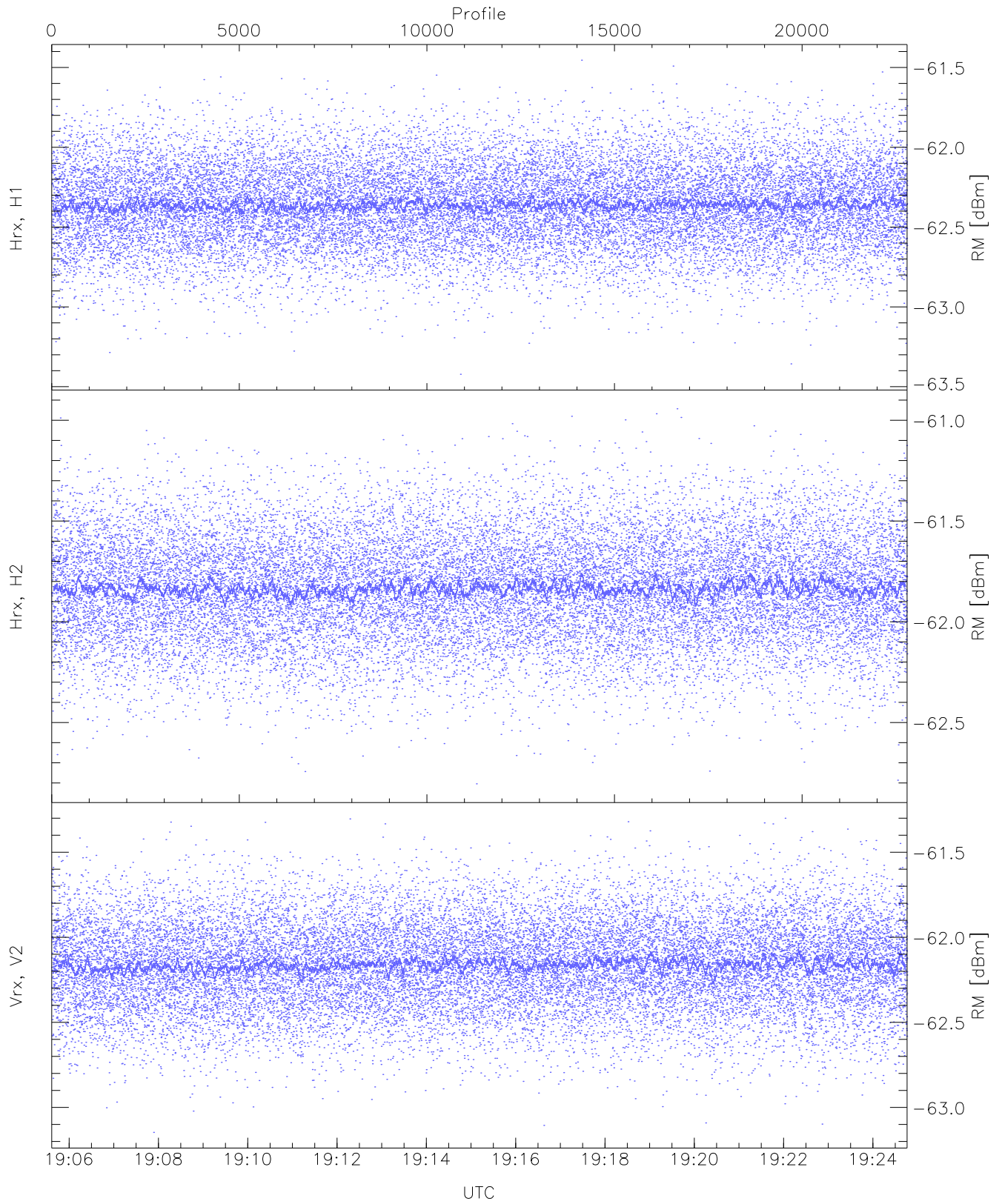
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.97	-61.00	-61.83	-61.83	-74.39
Hrx, H2 (WL [dBm])	-62.87	-60.88	-61.82	-61.83	-74.43
Vrx, V2 (WL [dBm])	-63.14	-61.36	-62.24	-62.24	-74.83



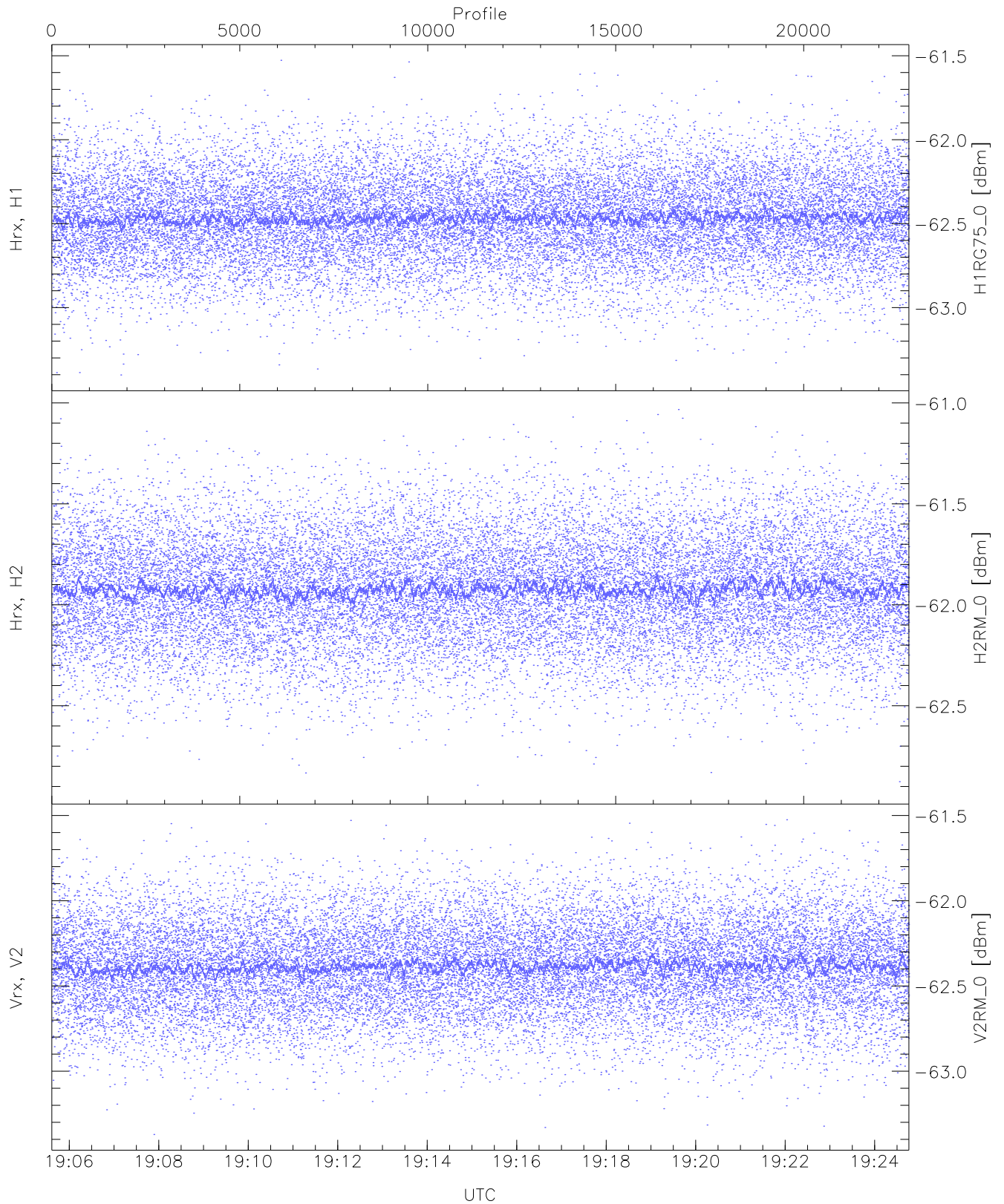
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.50	-60.53	-61.58	-61.59	-74.14
Hrx, H2 (HL [dBm])	-62.56	-60.67	-61.59	-61.59	-74.16
Vrx, V2 (HL [dBm])	-63.02	-61.04	-62.01	-62.02	-74.54



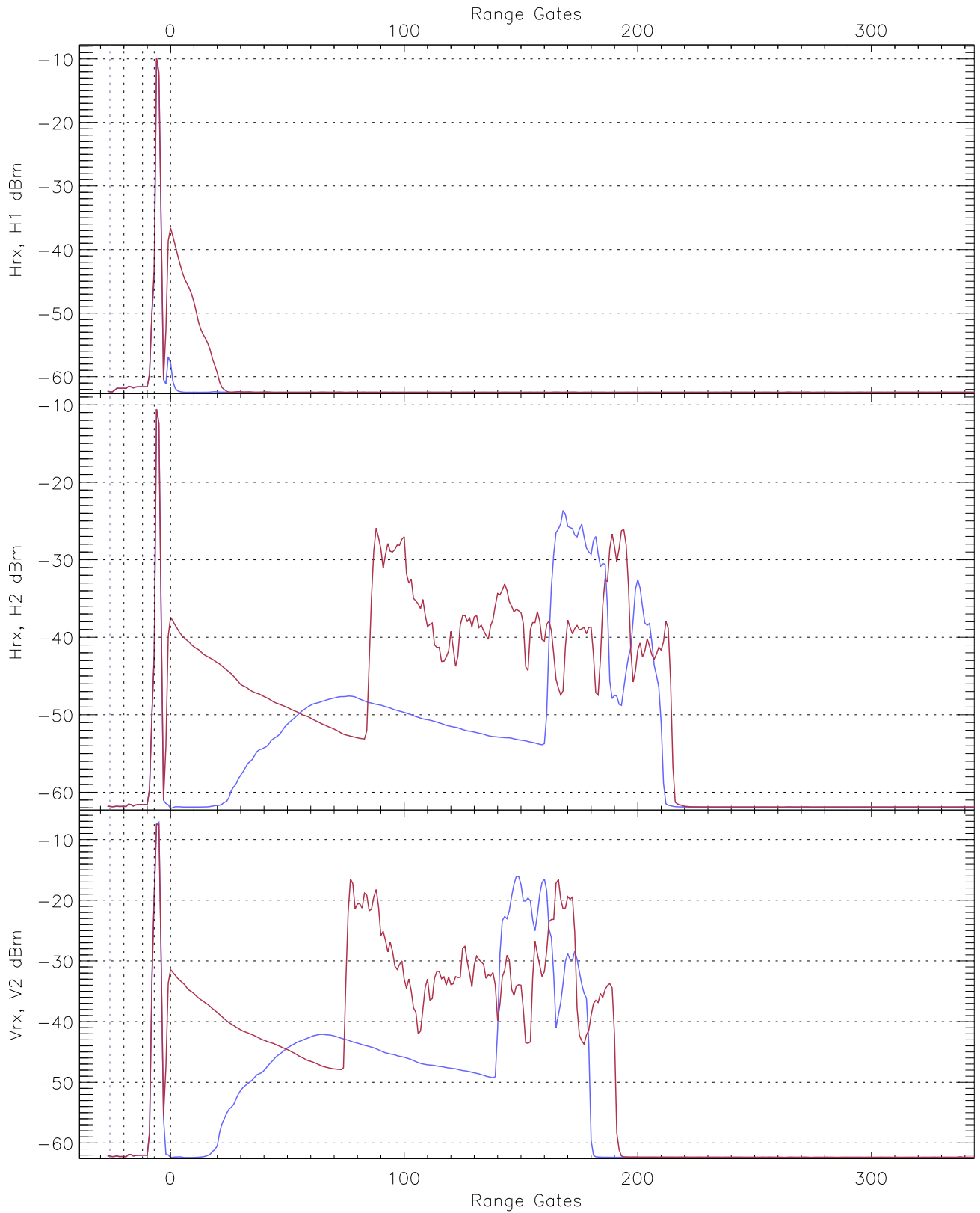
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.42	-61.45	-62.36	-62.36	-74.92
Hrx, H2(RM [dBm])	-62.80	-60.94	-61.83	-61.84	-74.37
Vrx, V2(RM [dBm])	-63.15	-61.30	-62.16	-62.16	-74.71

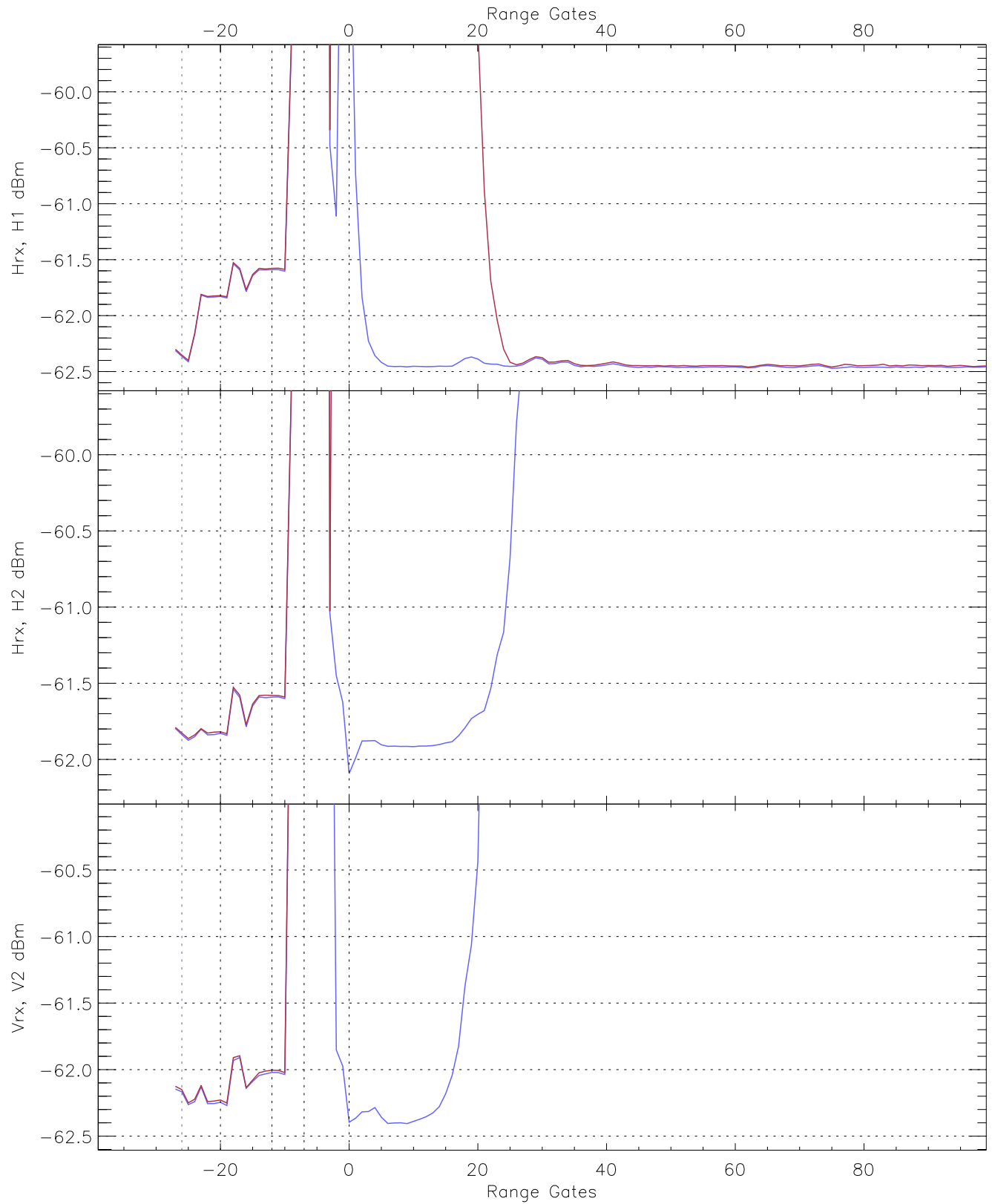


WCR2 CPP "Best" estimate Receivers Noise Power

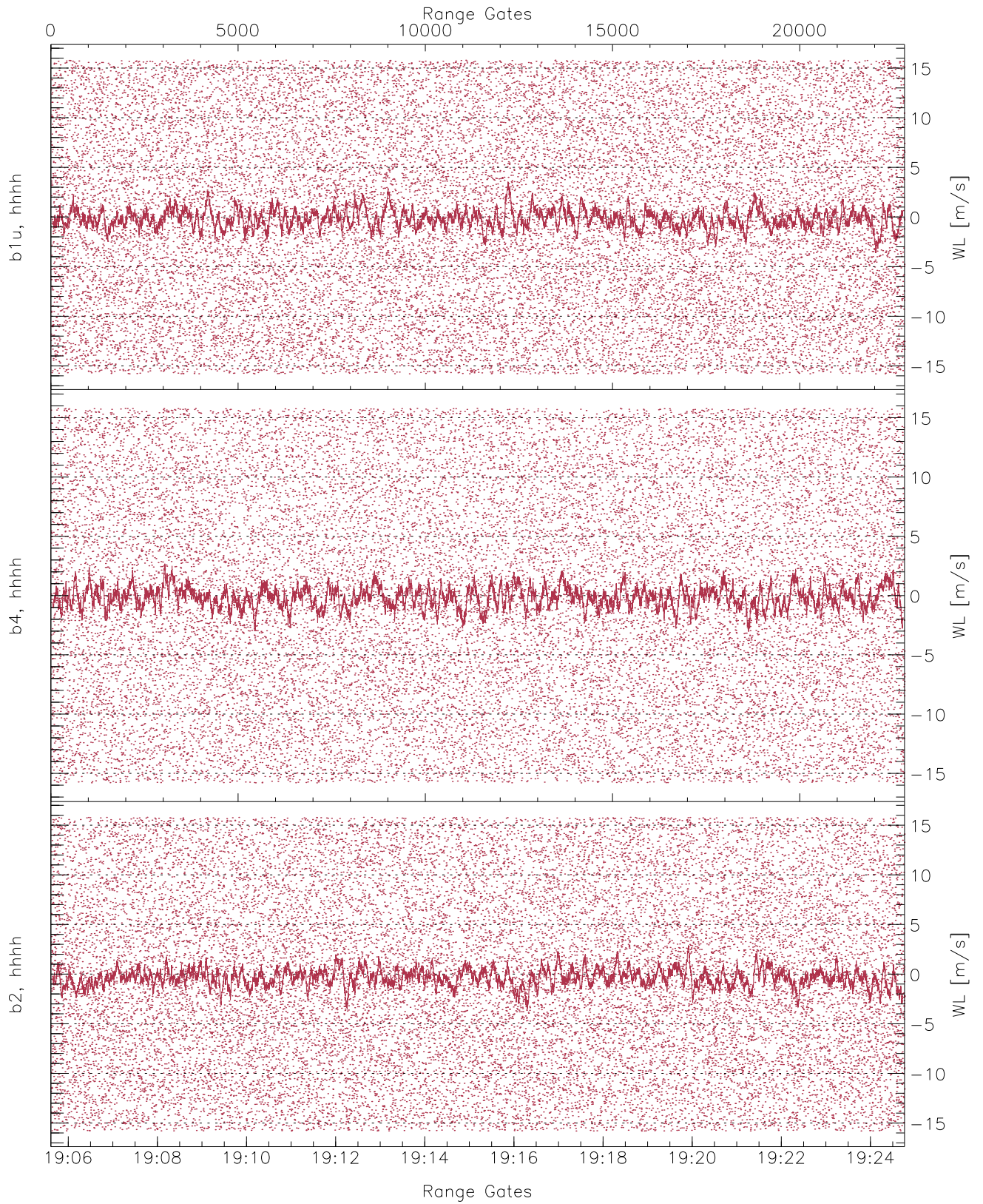
	Min	Max	Mean	Median	StDev
H1RG75_0 [dBm]	-63.40	-61.53	-62.47	-62.47	-75.05
H2RM_0 [dBm]	-62.89	-61.03	-61.92	-61.93	-74.45
V2RM_0 [dBm]	-63.37	-61.53	-62.38	-62.39	-74.93



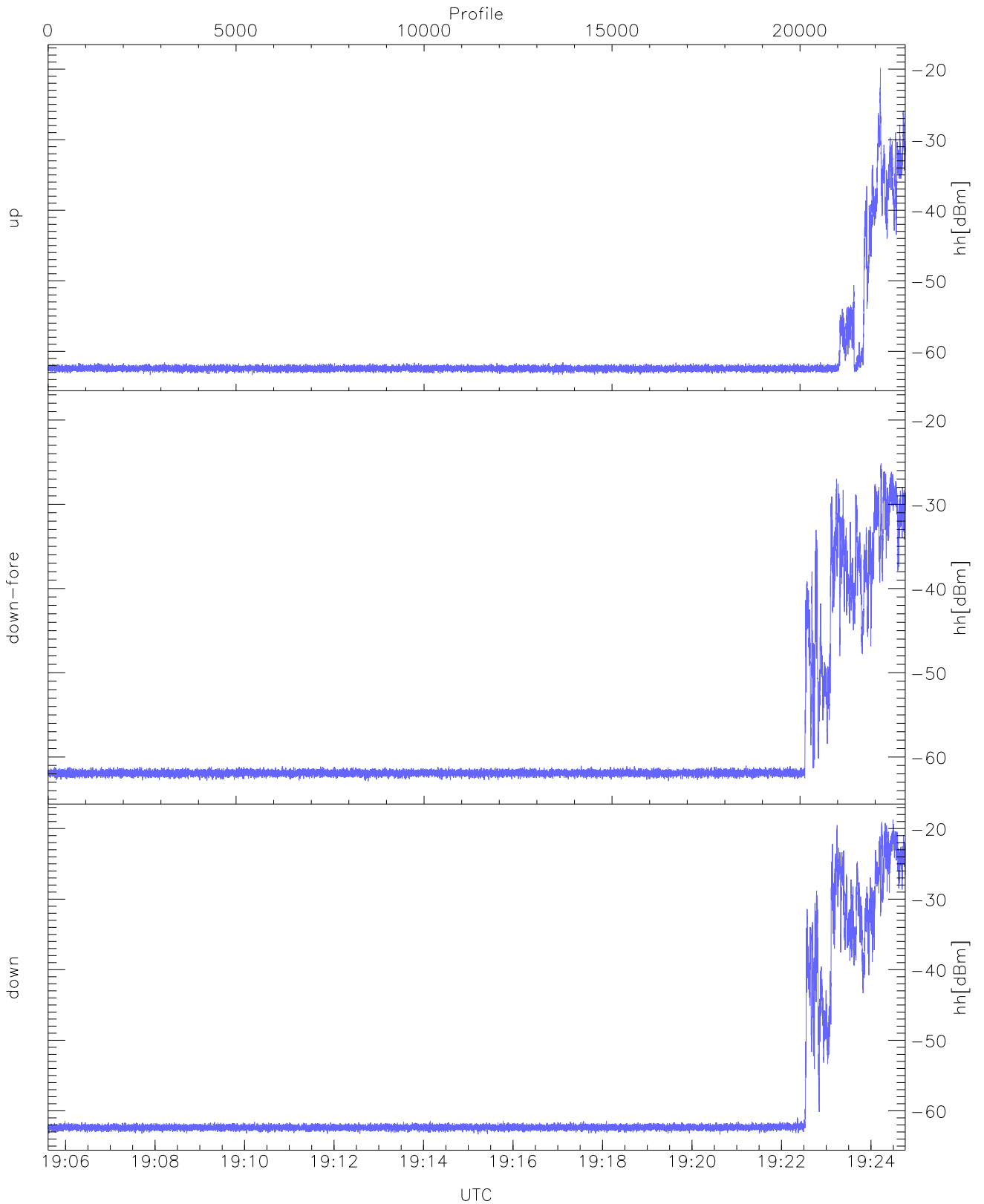
WCR2 CPP Averaged Received power for all recorded gates
blue: 190537-191511, 11401 profiles averaged
red: 191511-192446, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 190537-191511, 11401 profiles averaged
red: 191511-192446, 11400 profiles averaged

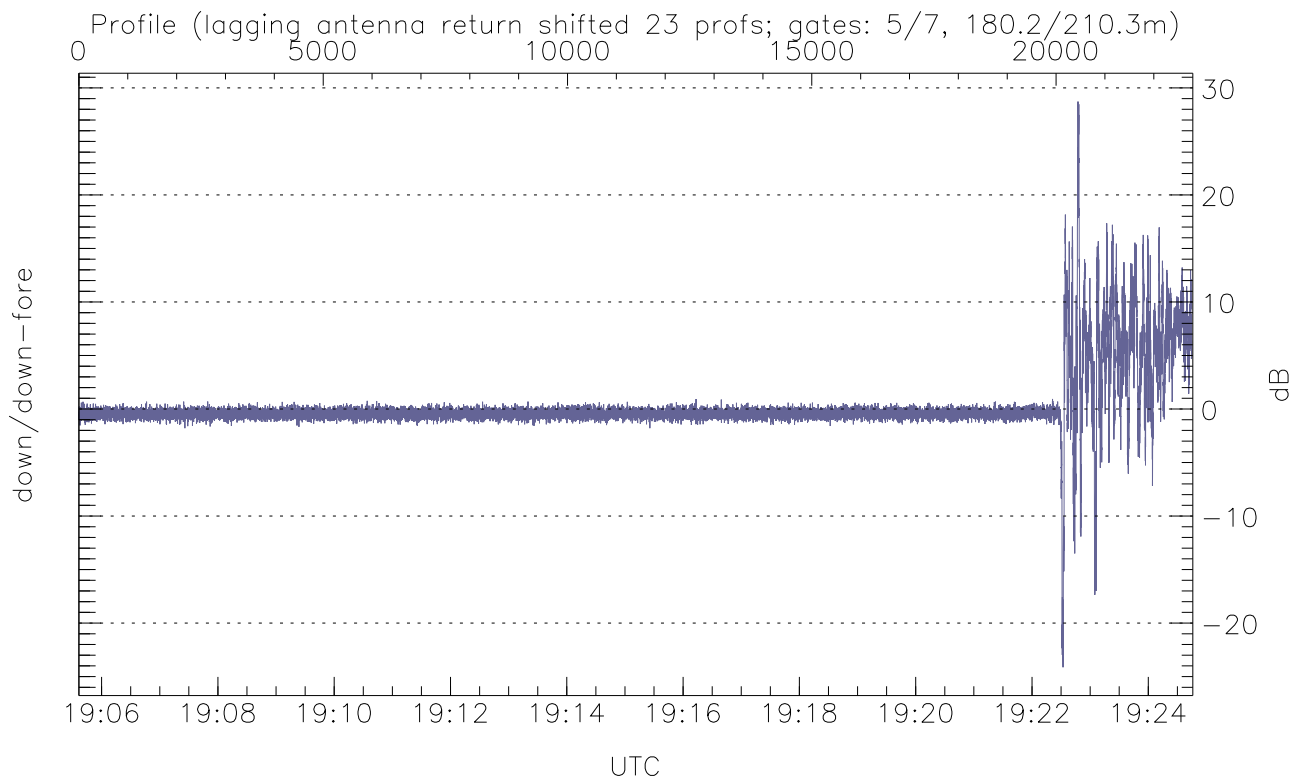
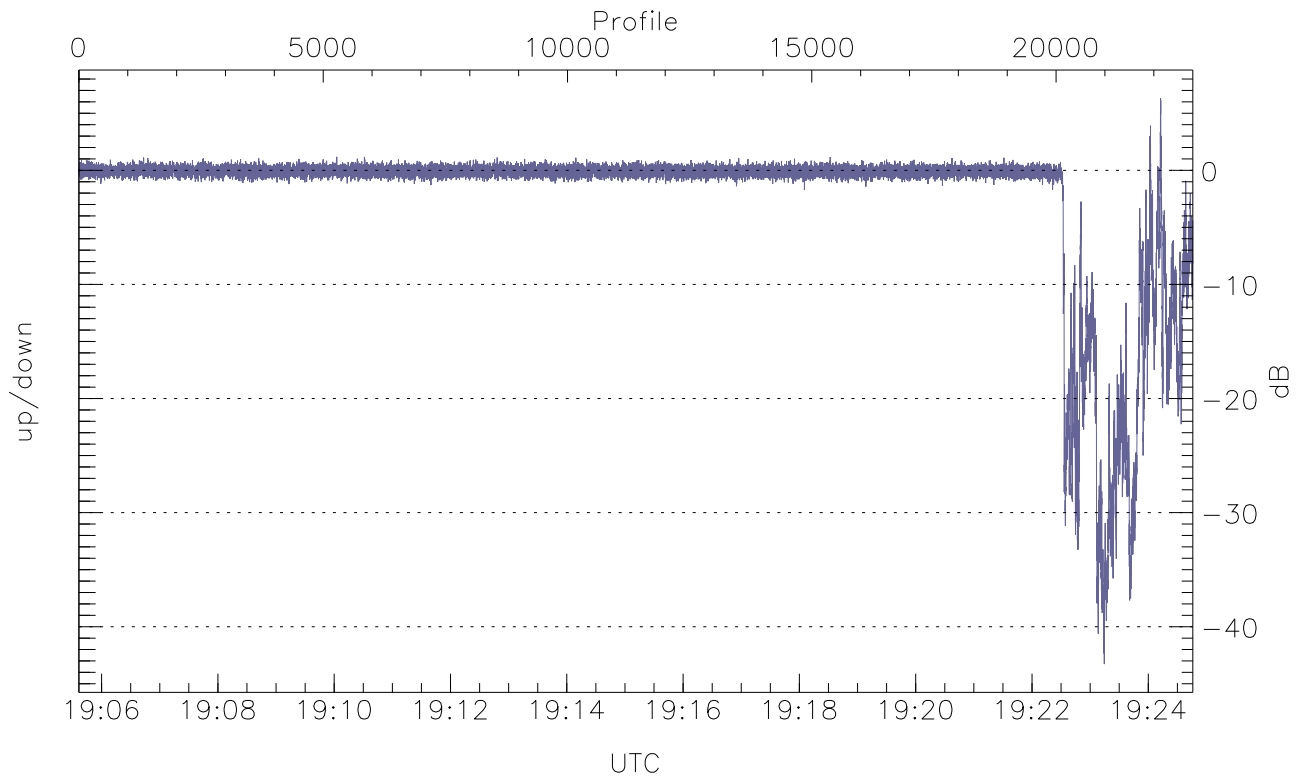


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



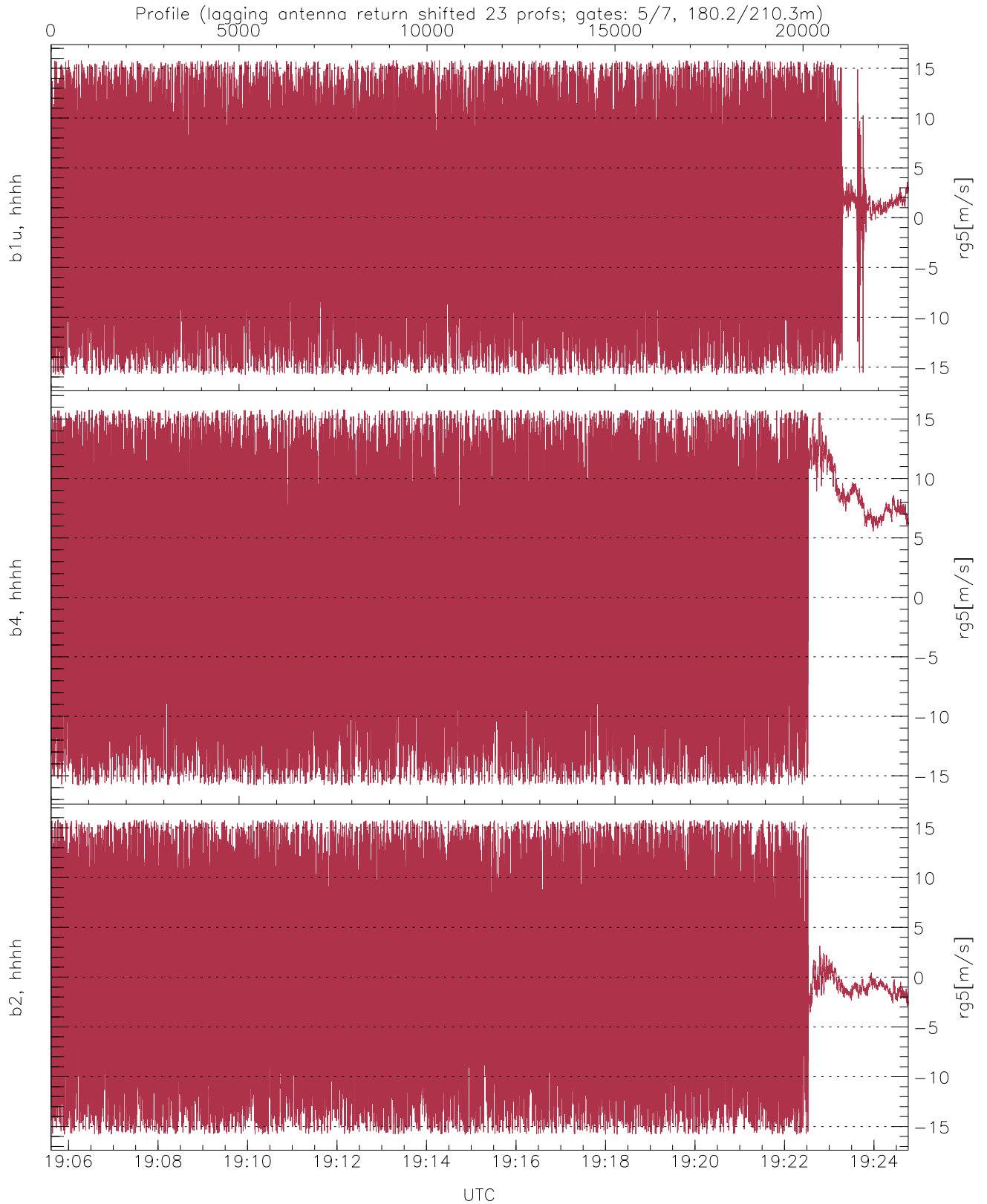
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.35	-19.85	-46.49
down-fore(hh[dBm])	-62.88	-25.17	-42.80
down(hh[dBm])	-63.35	-18.75	-36.56



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

	Min	Max	Mean
up/down (dB)	-43.27	6.31	-2.20
down/down-fore (dB)	-24.13	28.73	0.24



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.15	8.44
b4, hhhh(rg5[m/s])	-15.80	15.80	0.86	8.99
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.51	8.45