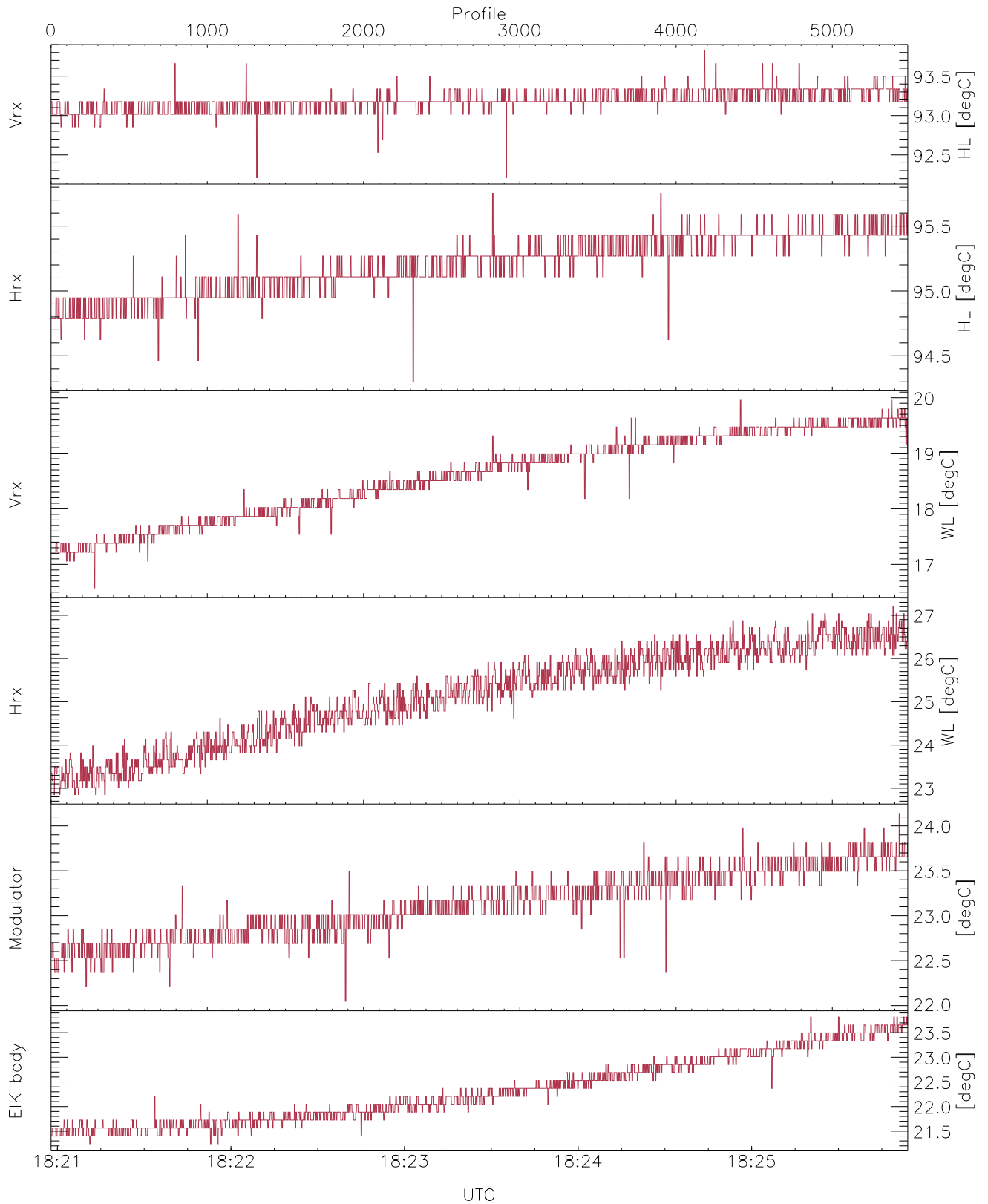


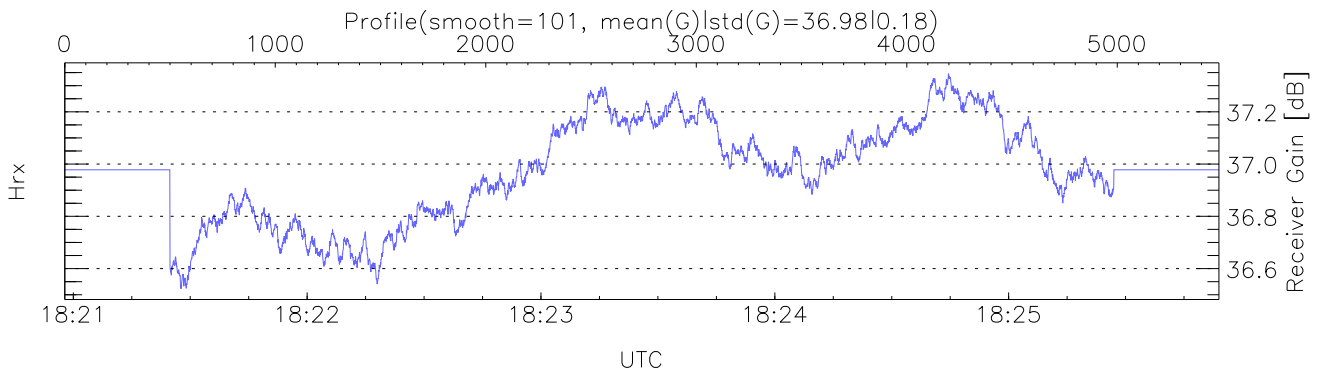
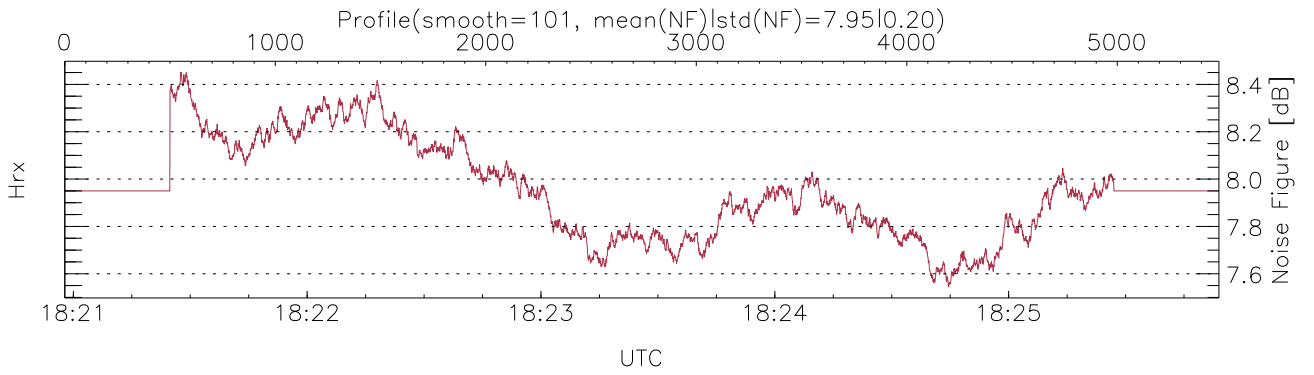
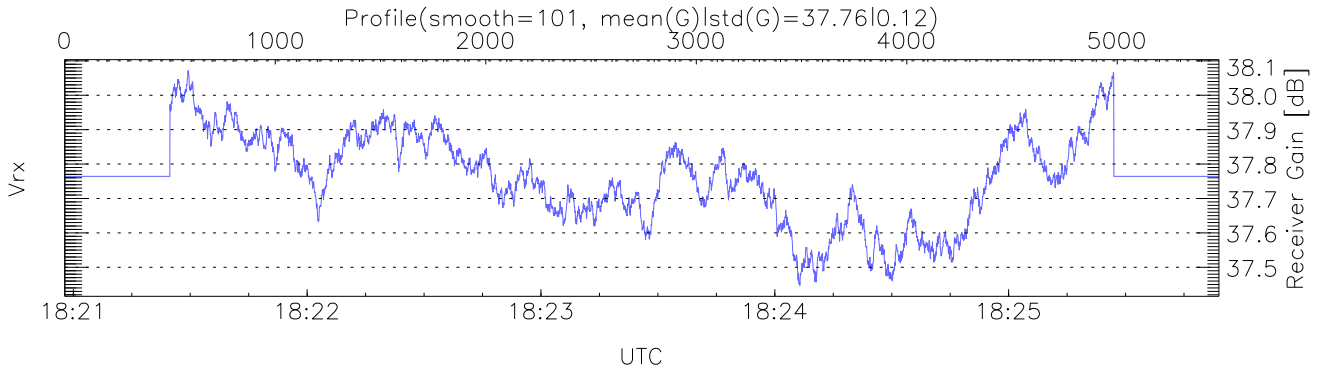
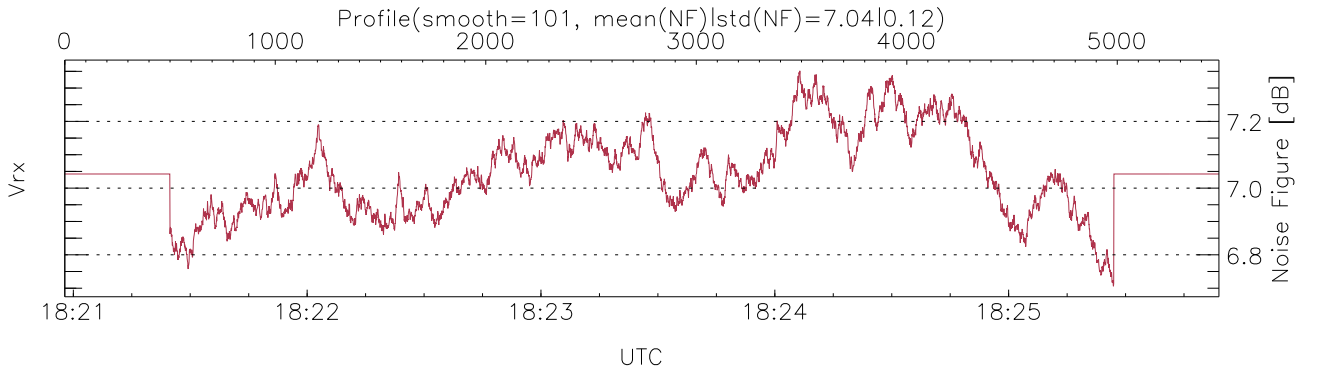
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:20:58-18:25:54, Dur: 296.16s
 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): 5484/5484, 0-5483/18:20:58-18:25:54
 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



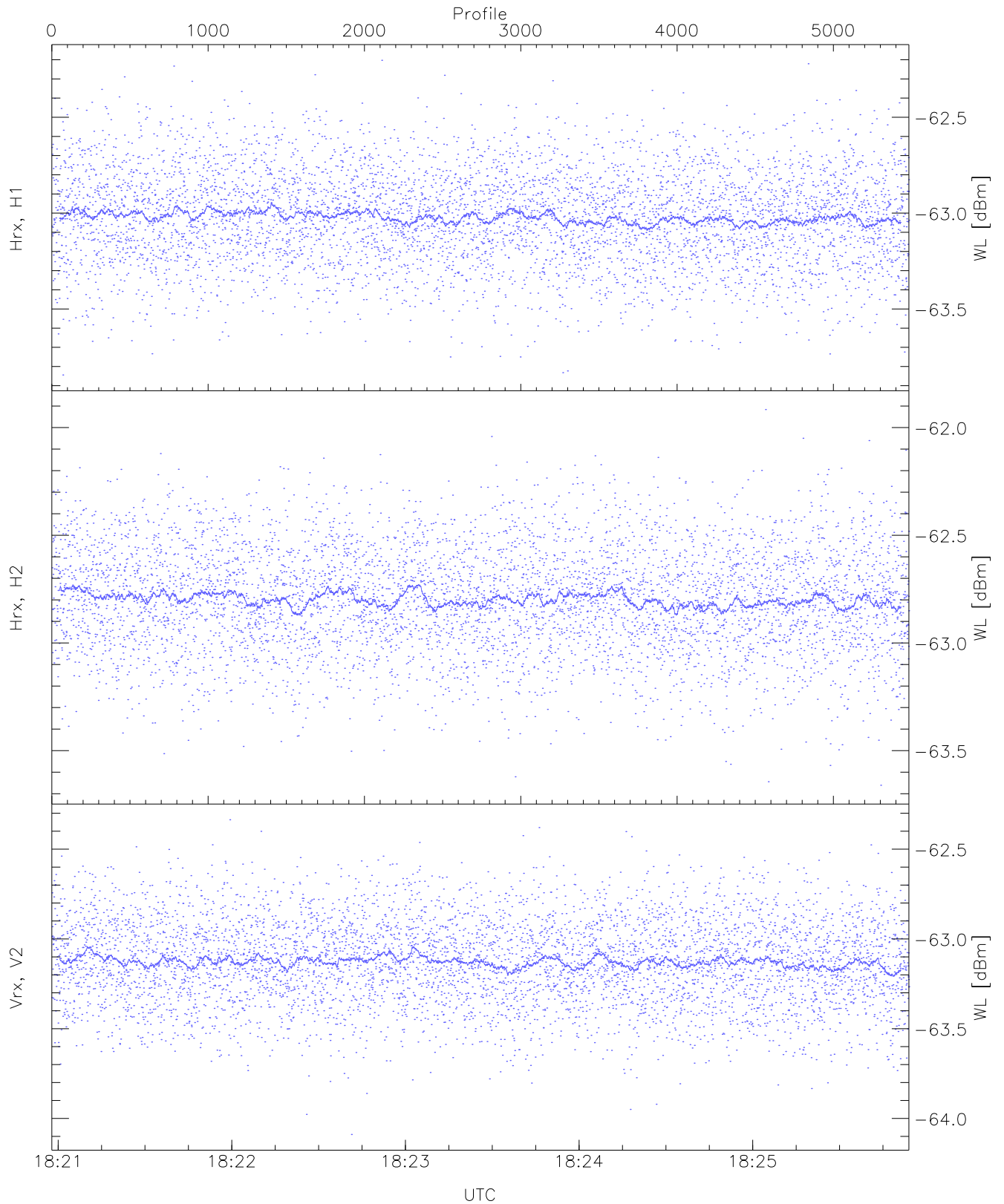
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,16,22,22,21
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,19,27,24,23
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (5,5,5,5,5)



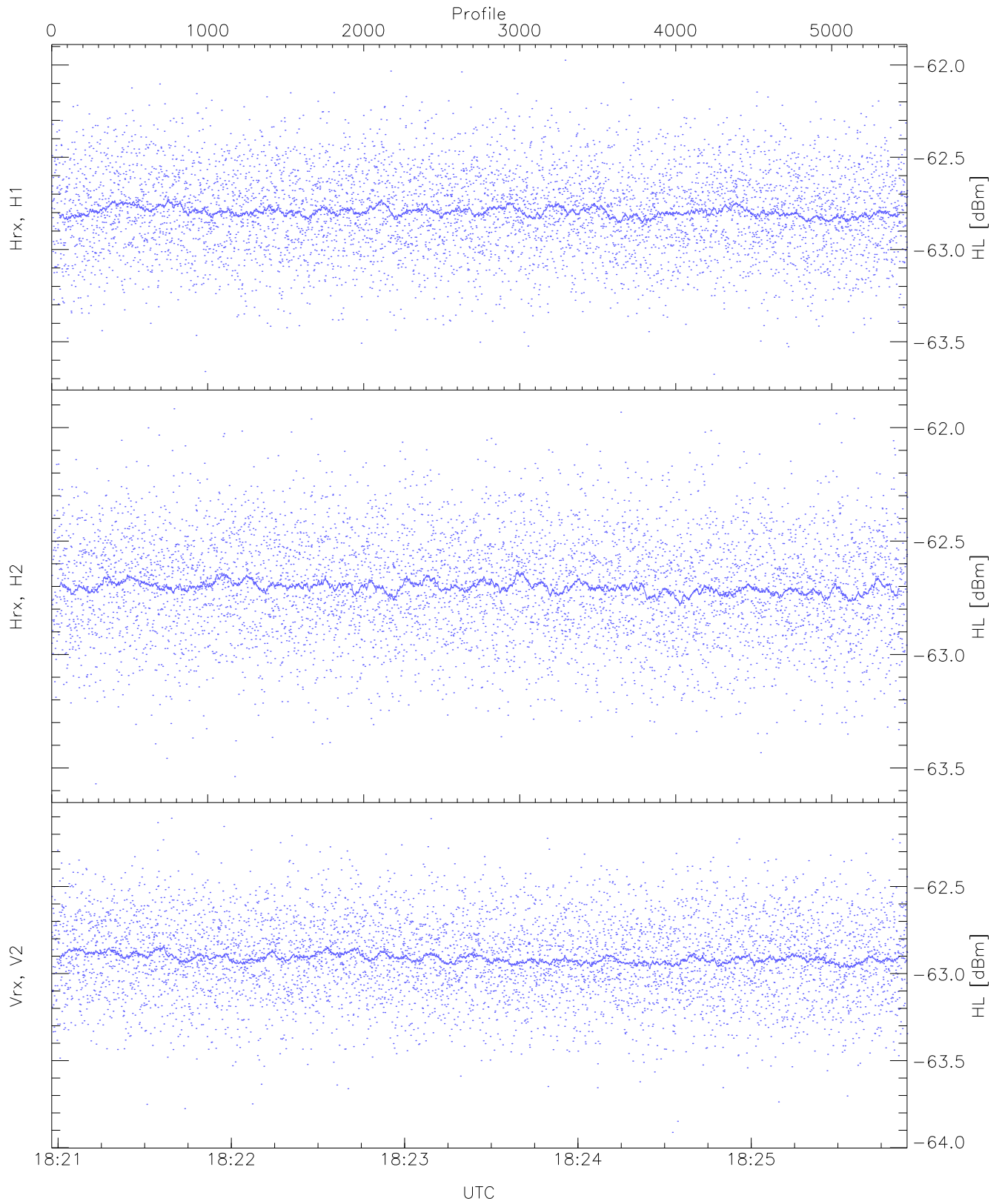
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 205 pixs, 6 gates, 130 profs, 1 prods



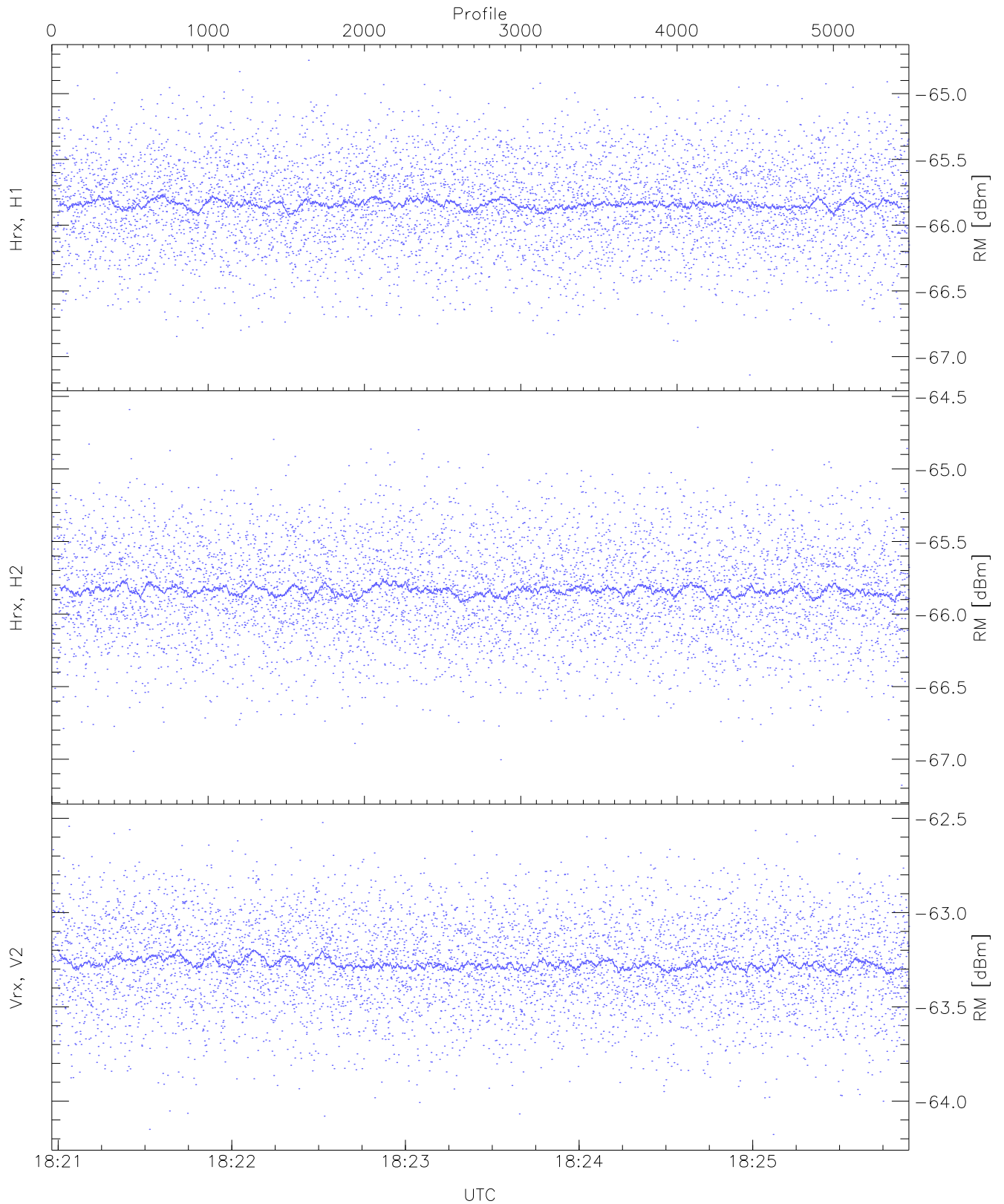
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.84	-62.20	-63.02	-63.02	-75.65
Hrx, H2 (WL [dBm])	-63.66	-61.92	-62.79	-62.80	-75.45
Vrx, V2 (WL [dBm])	-64.09	-62.34	-63.12	-63.13	-75.87



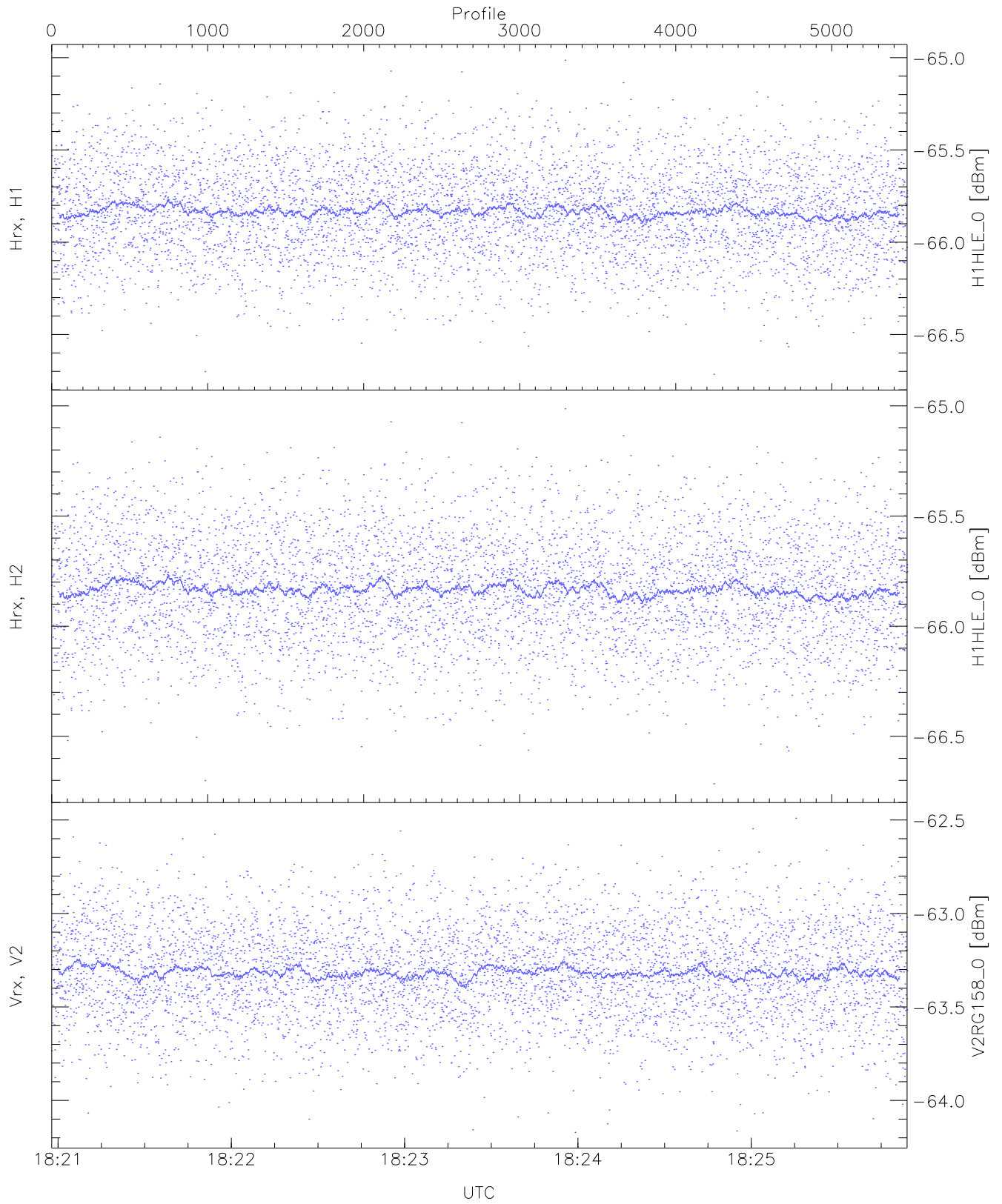
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.68	-61.97	-62.79	-62.80	-75.50
Hrx, H2 (HL [dBm])	-63.57	-61.92	-62.70	-62.70	-75.44
Vrx, V2 (HL [dBm])	-63.91	-62.11	-62.91	-62.91	-75.58



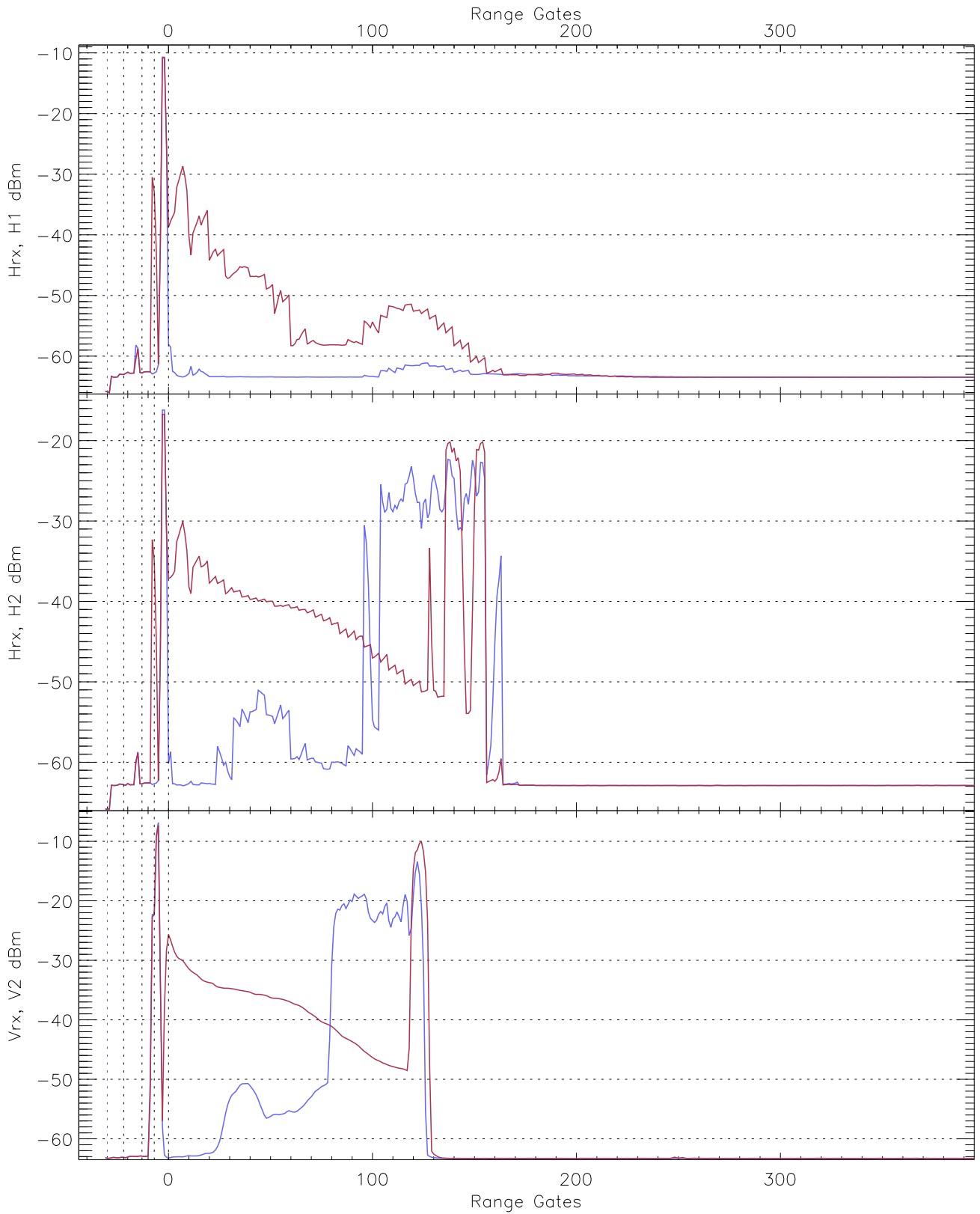
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-67.14	-64.75	-65.83	-65.83	-77.00
Hrx, H2 (RM [dBm])	-67.18	-64.59	-65.83	-65.84	-77.04
Vrx, V2 (RM [dBm])	-64.18	-62.51	-63.27	-63.27	-75.94

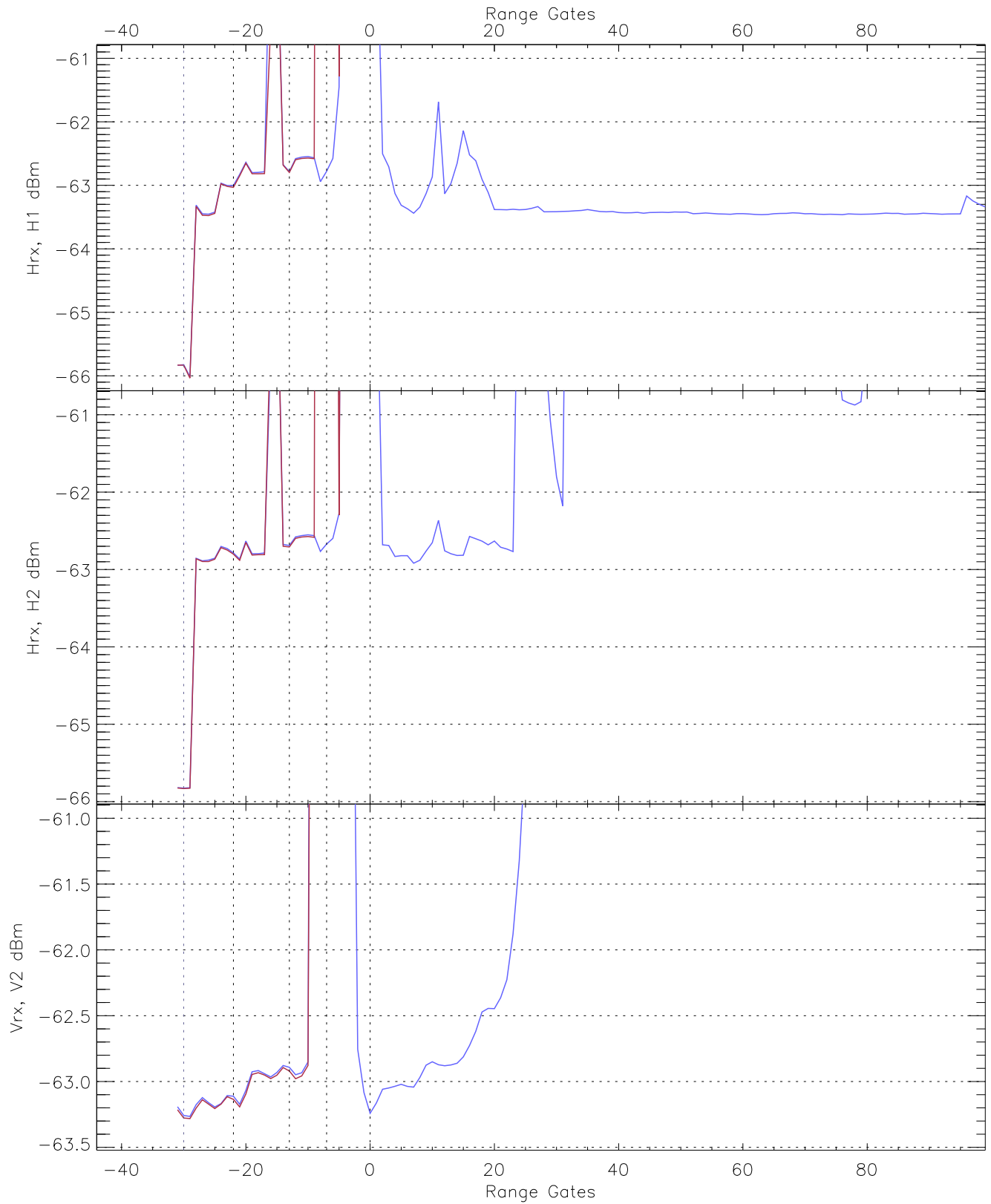


WCR2 CPP "Best" estimate Receivers Noise Power

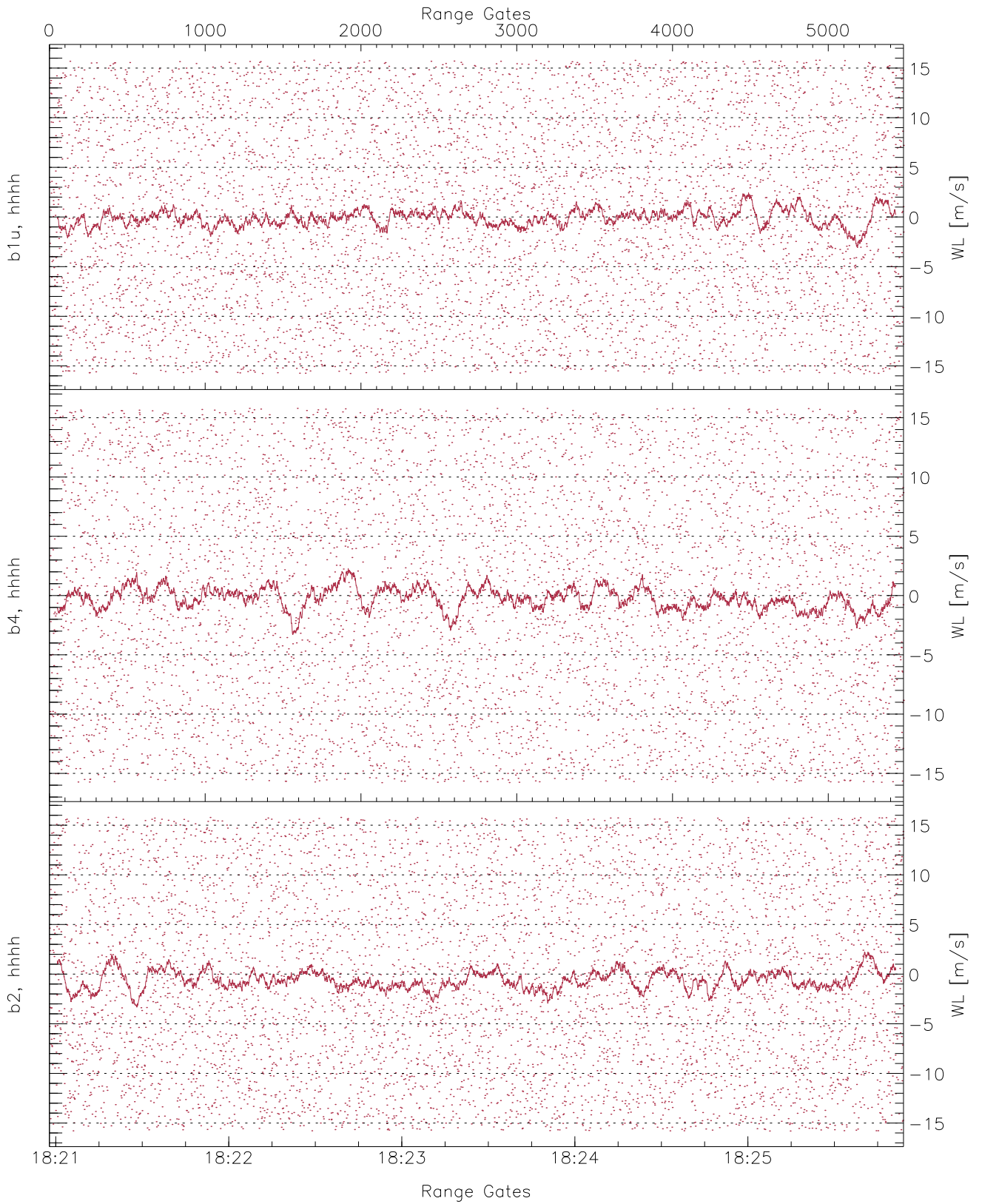
	Min	Max	Mean	Median	StDev
H1HLE_0 [dBm]	-66.72	-65.01	-65.83	-65.83	-78.54
H1HLE_0 [dBm]	-66.72	-65.01	-65.83	-65.83	-78.54
V2RG158_0 [dBm]	-64.17	-62.49	-63.31	-63.32	-75.93



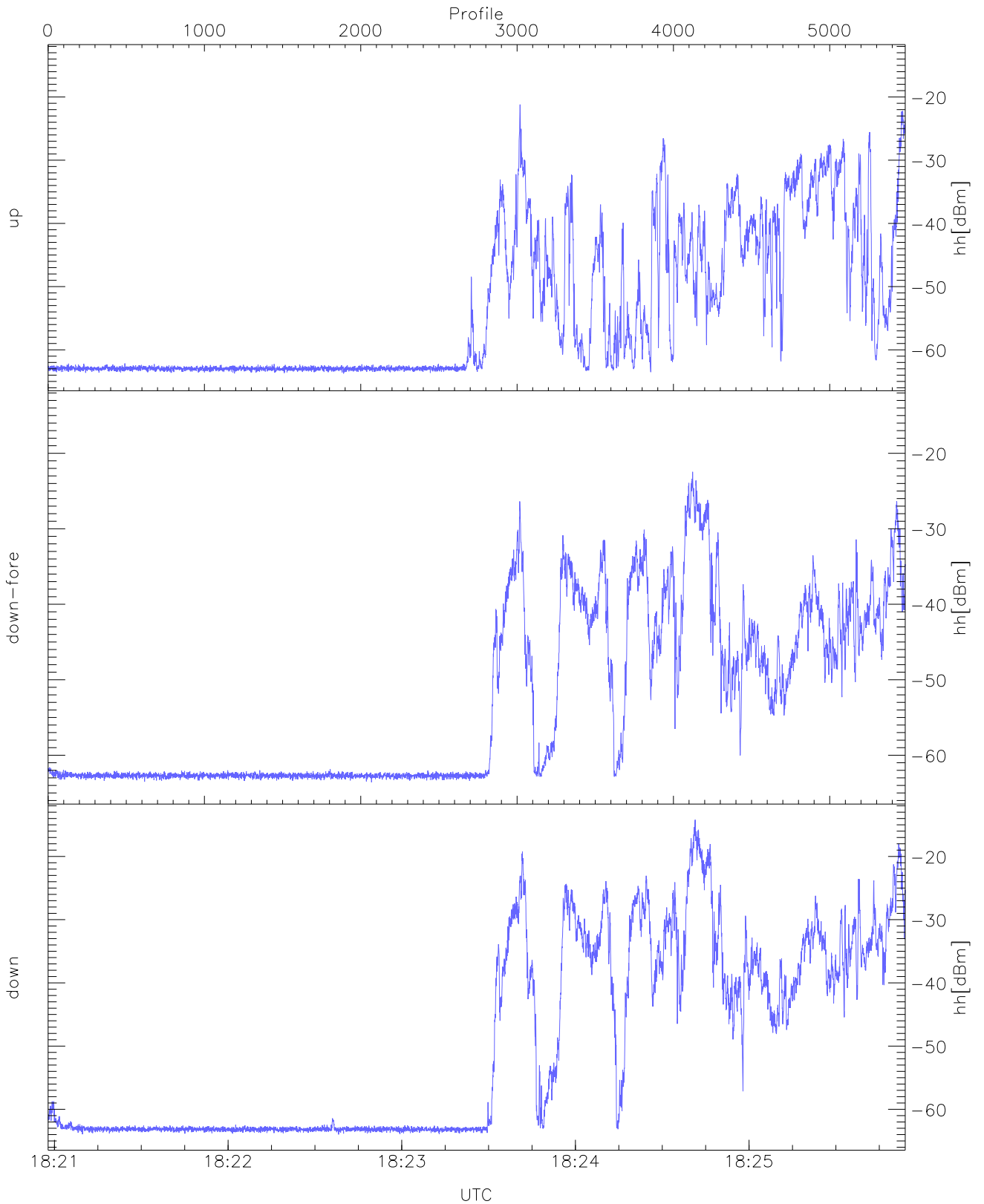
WCR2 CPP Averaged Received power for all recorded gates
blue: 182058-182326, 2743 profiles averaged
red: 182326-182554, 2742 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 182058-182326, 2743 profiles averaged
red: 182326-182554, 2742 profiles averaged

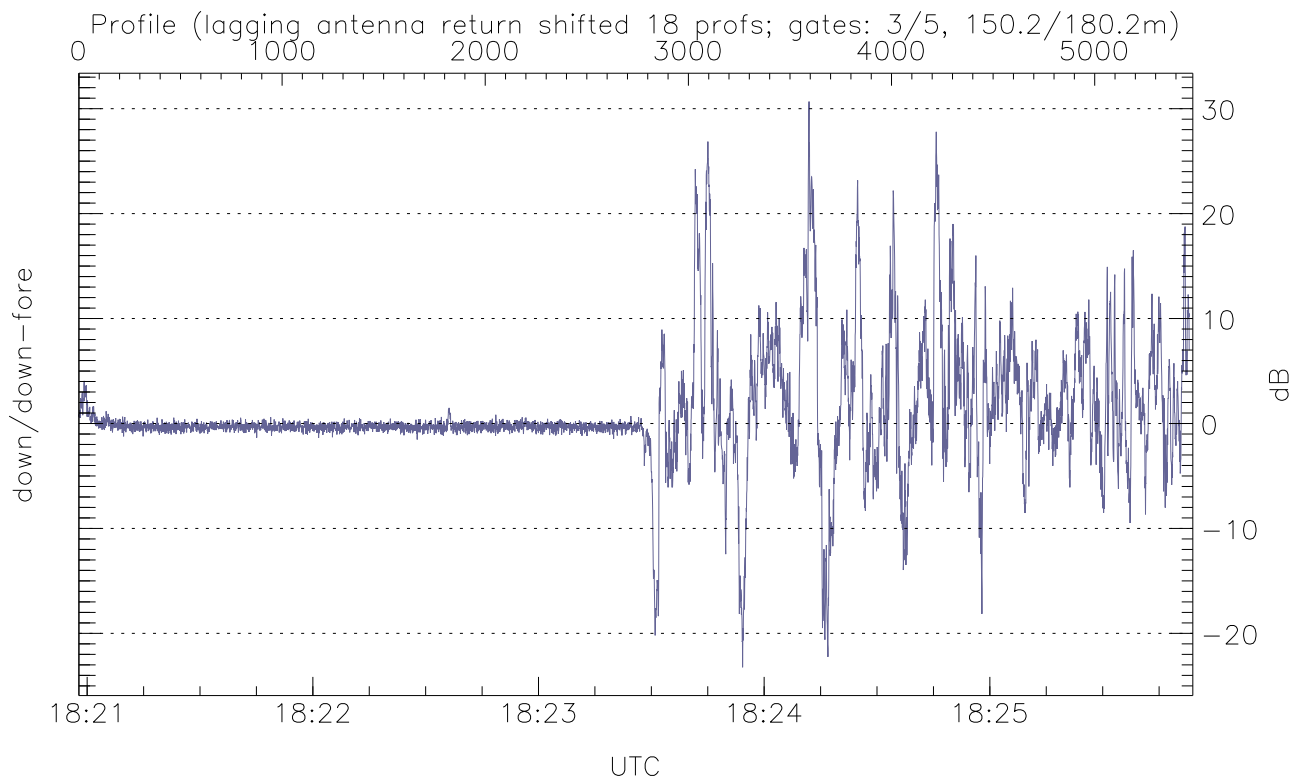
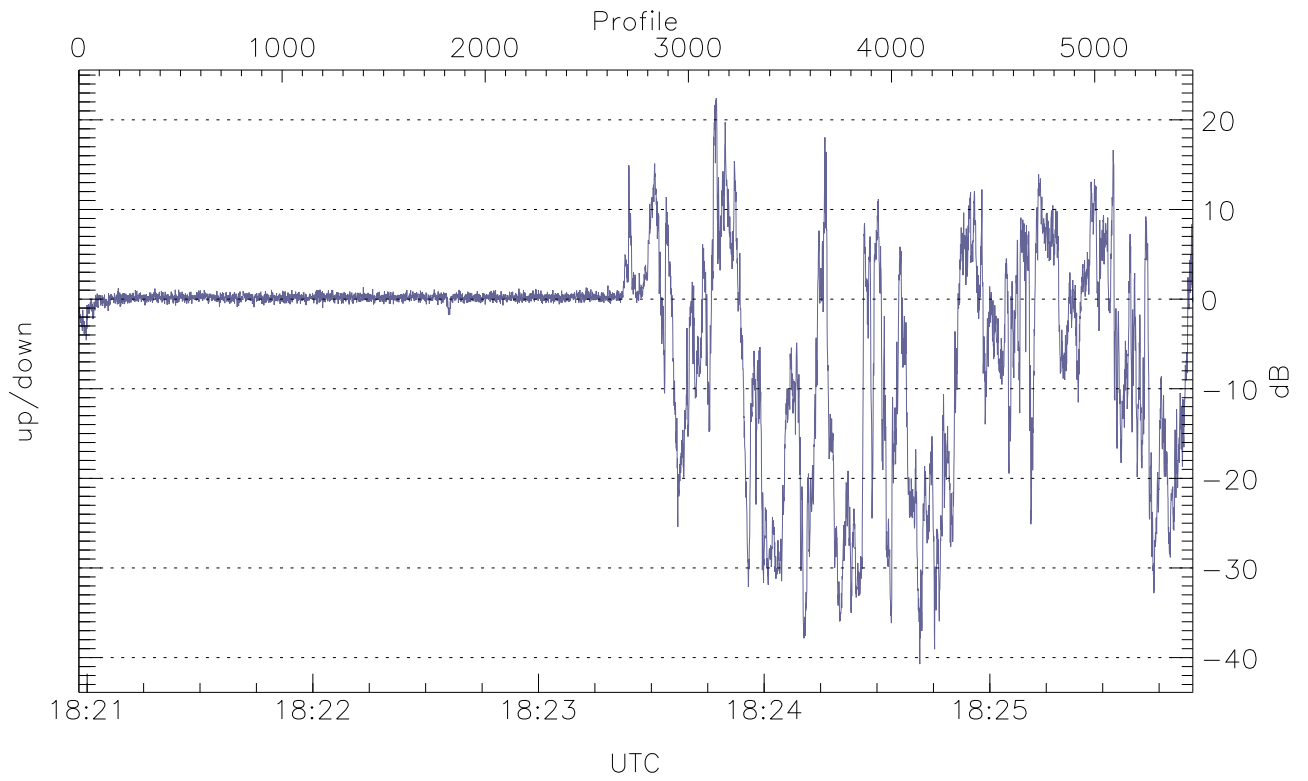


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



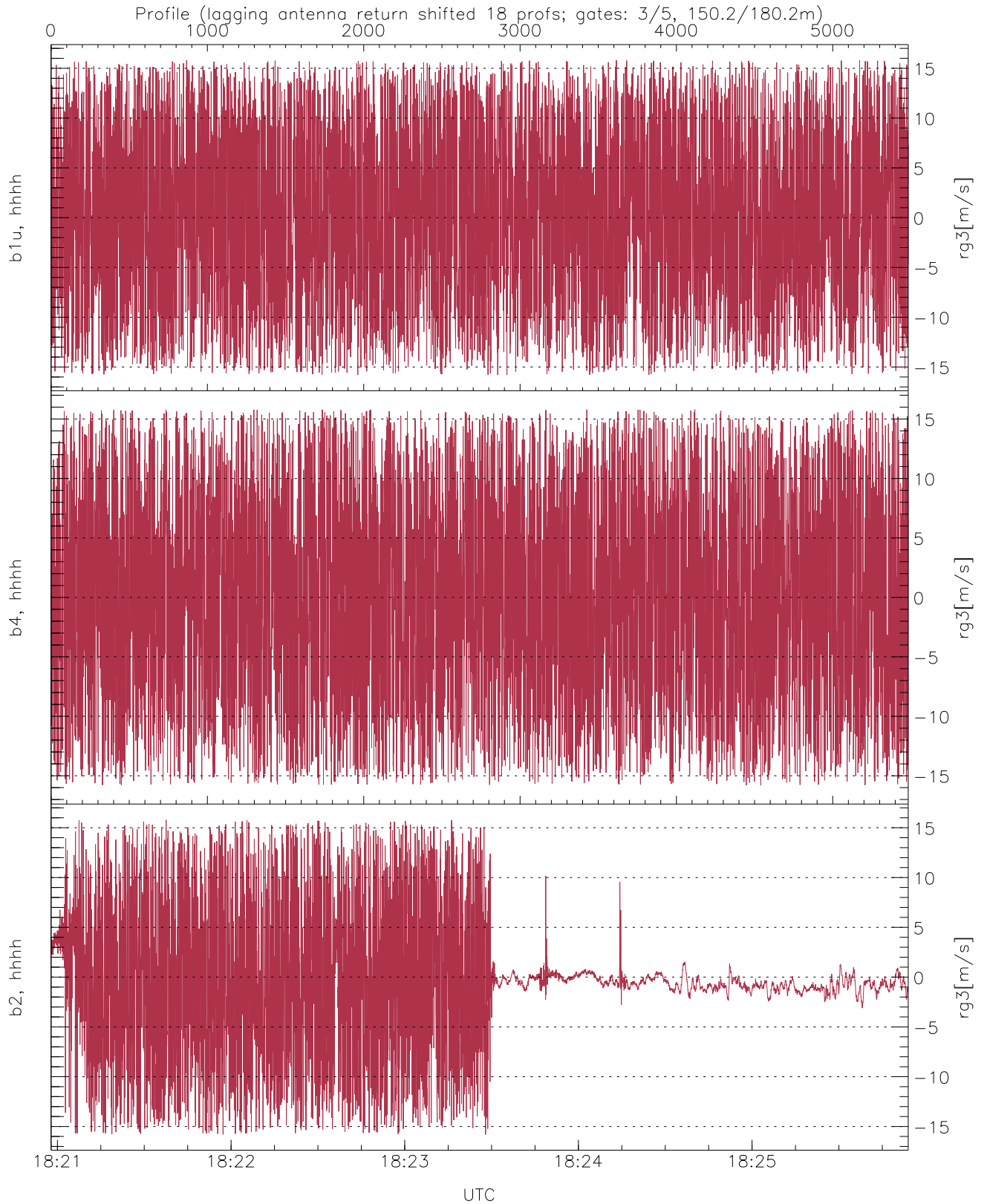
WCR2 CPP Received Power Products for Range gate 3 (150.2 m)

	Min	Max	Mean
up(hh [dBm])	-63.75	-21.19	-39.24
down-fore(hh [dBm])	-63.59	-22.46	-39.24
down(hh [dBm])	-63.98	-14.20	-31.63



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

	Min	Max	Mean
up/down (dB)	-40.72	22.41	-3.99
down/down-fore (dB)	-23.23	30.68	1.08



WCR2 CPP Doppler Velocity Products at 150.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg3[m/s])	-15.79	15.80	0.41	9.02
b4, hhhh(rg3[m/s])	-15.80	15.80	0.05	9.16
b2, hhhh(rg3[m/s])	-15.80	15.79	-0.56	6.23