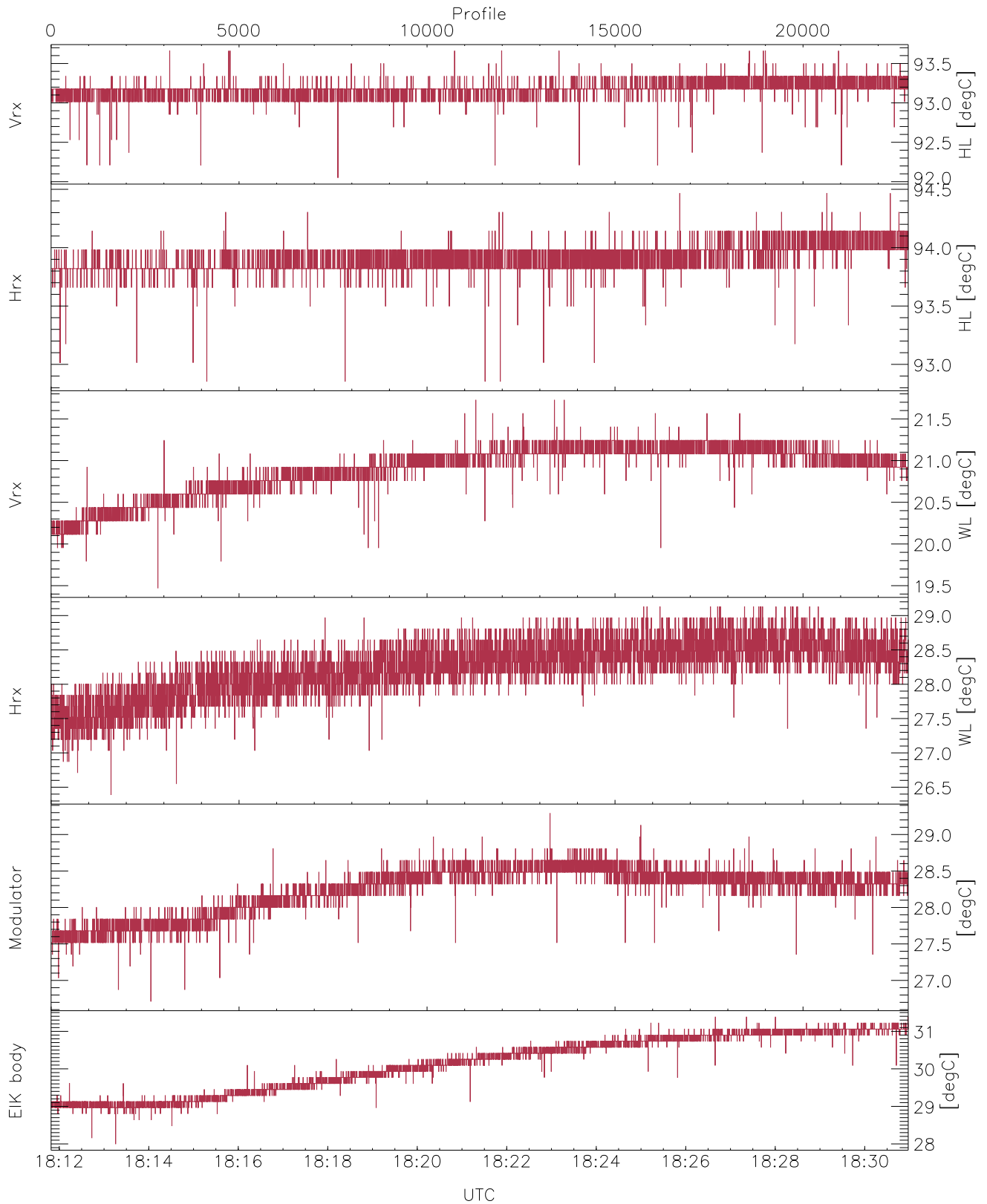


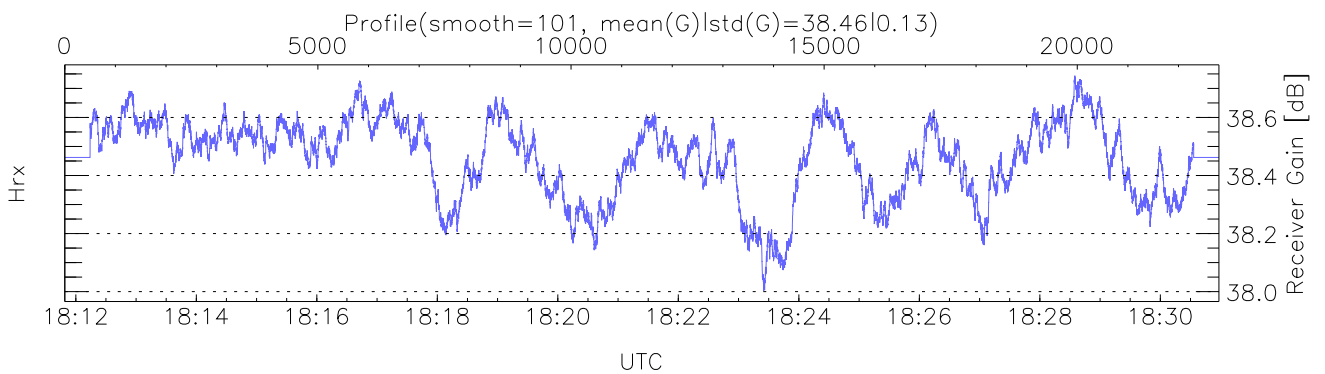
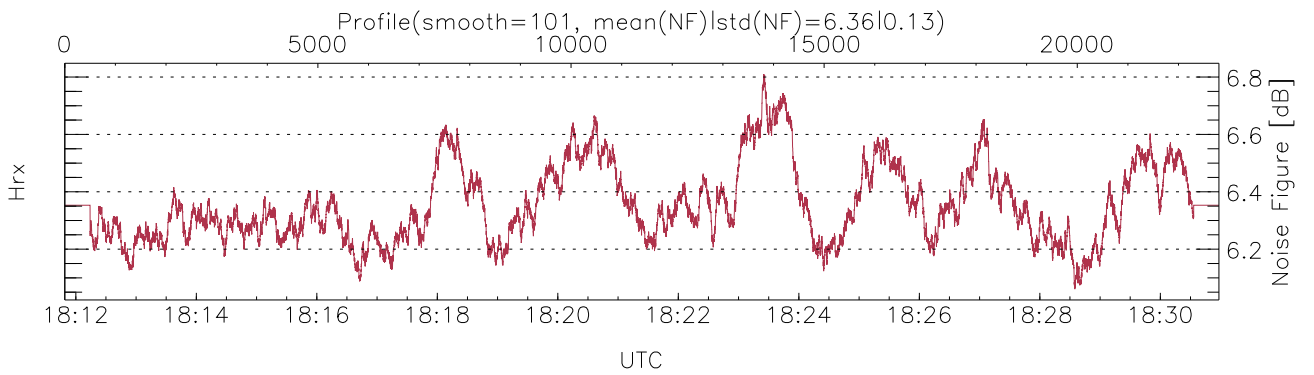
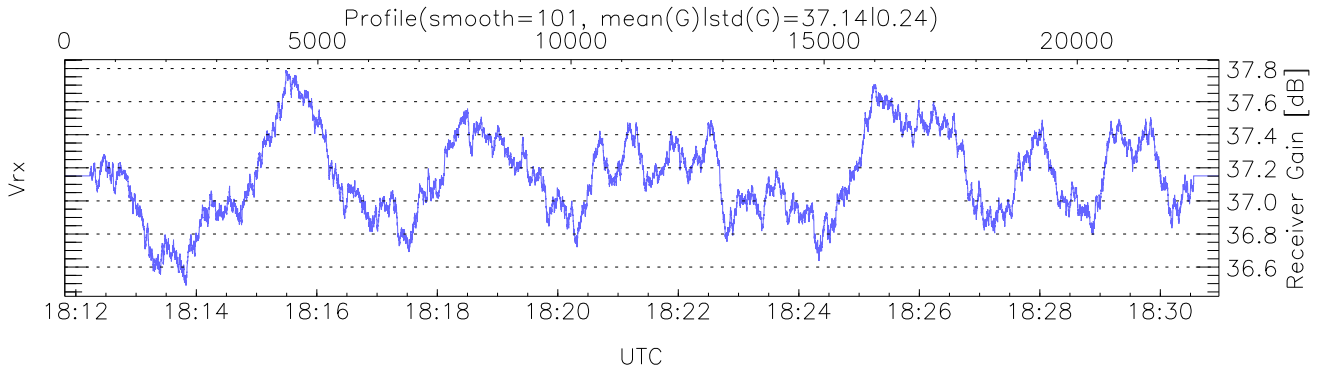
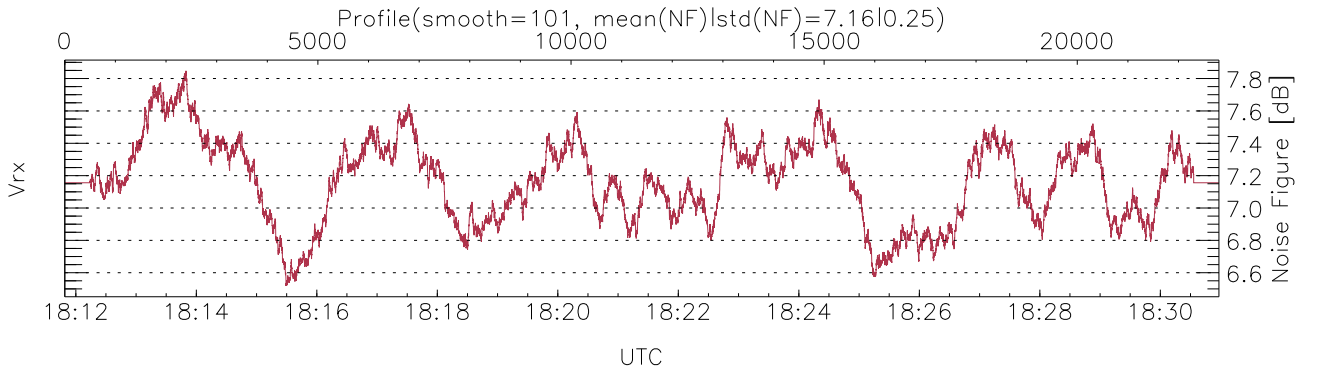
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:11:49-18:44:25, Dur: 1956.31s
 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): 22800/38807, 0-22799/18:11:49-18:30:58
 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



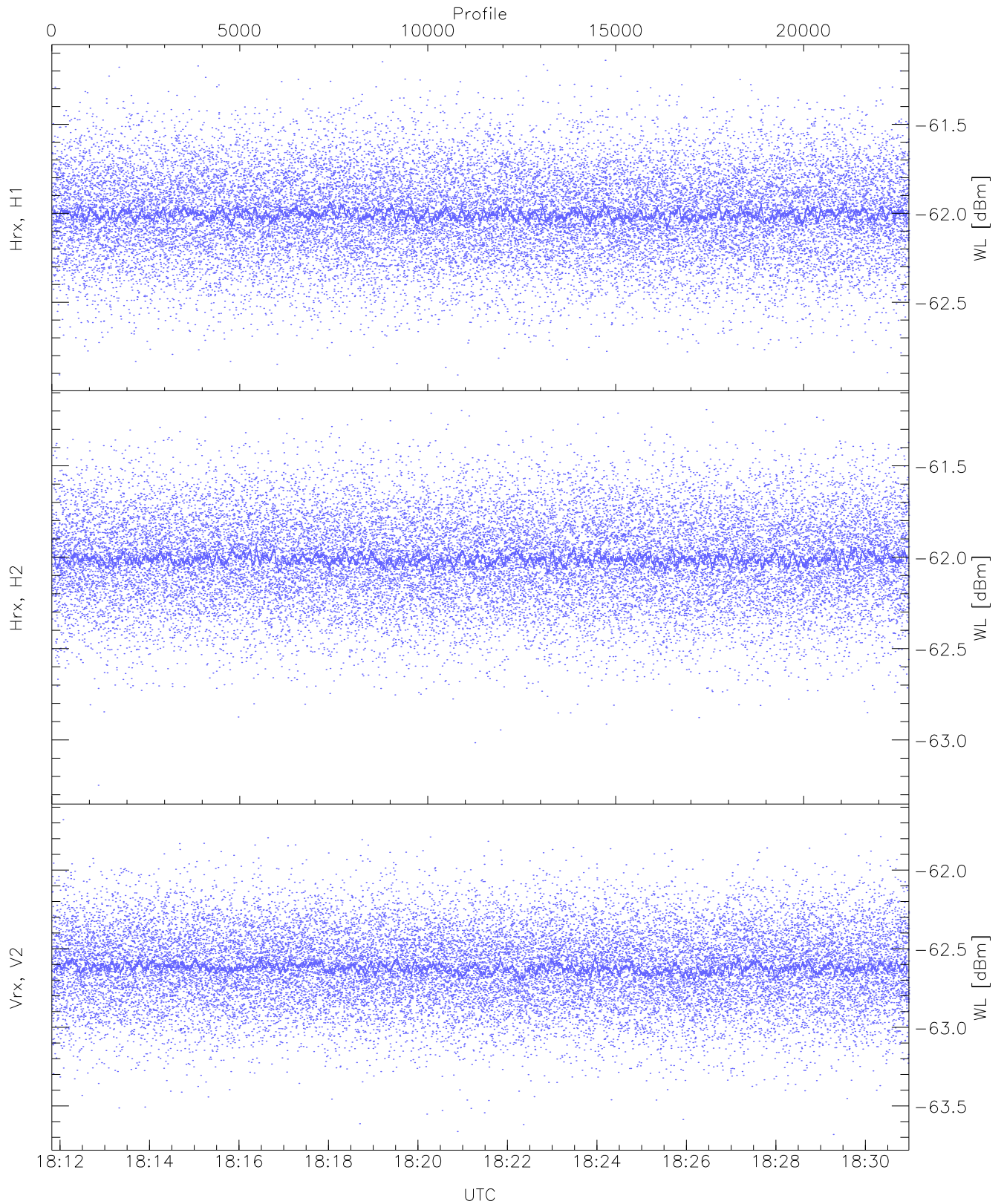
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,19,26,26,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,29,29,31
 LOalarm(20,80,240,2.8,14.8 MHz): None
 EIK Faults(# prof affected):
 DeckT,BodyCurr,DeckF,OverDuty,HVPS (5,10,10,5,10)



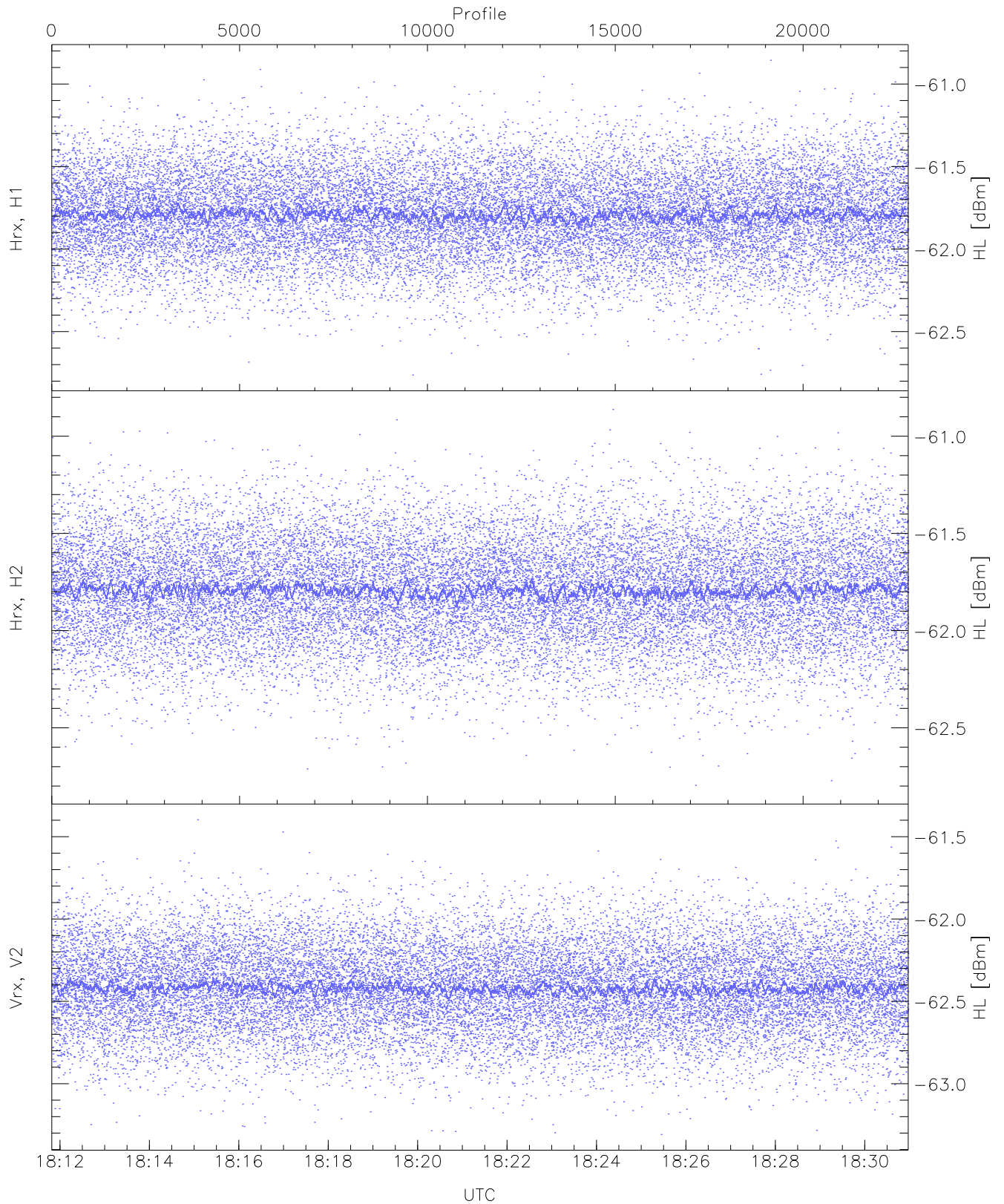
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 20487 pixs, 122 gates, 17252 profs, 2 prods



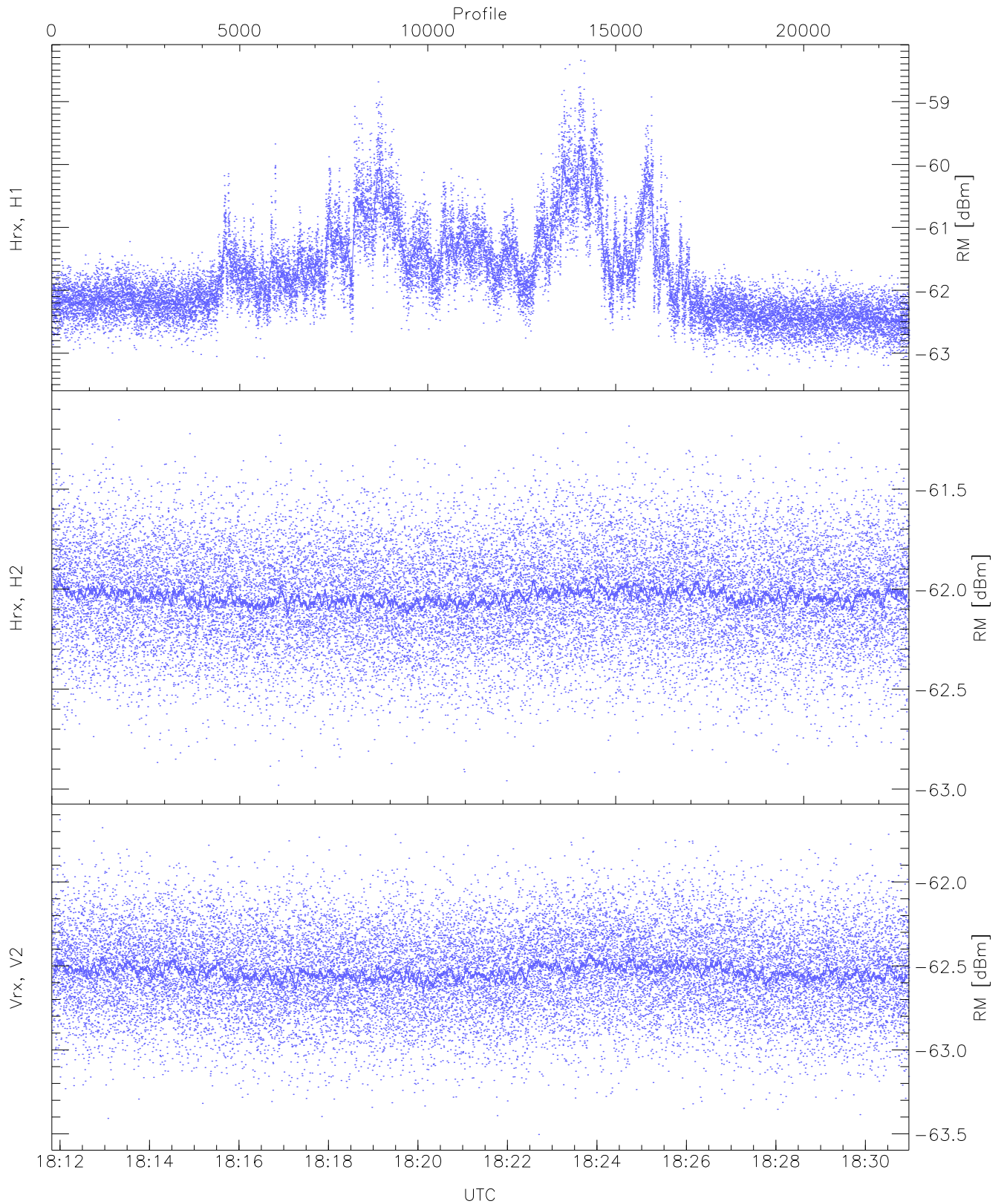
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.91	-61.14	-62.00	-62.01	-74.60
Hrx, H2 (WL [dBm])	-63.25	-61.19	-62.01	-62.01	-74.60
Vrx, V2 (WL [dBm])	-63.68	-61.68	-62.62	-62.62	-75.18



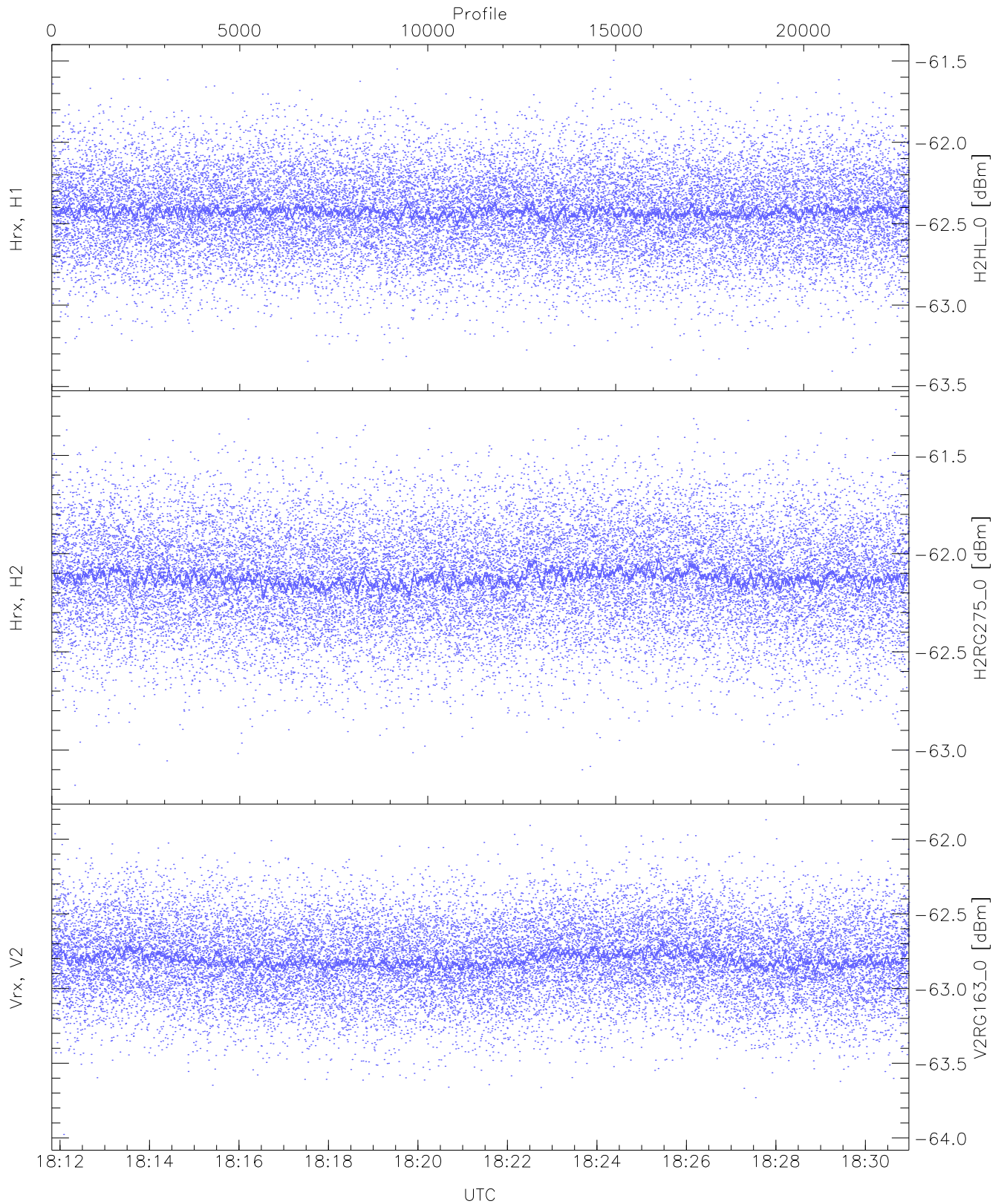
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.76	-60.86	-61.79	-61.79	-74.37
Hrx, H2 (HL [dBm])	-62.80	-60.86	-61.79	-61.79	-74.34
Vrx, V2 (HL [dBm])	-63.31	-61.40	-62.42	-62.42	-74.96



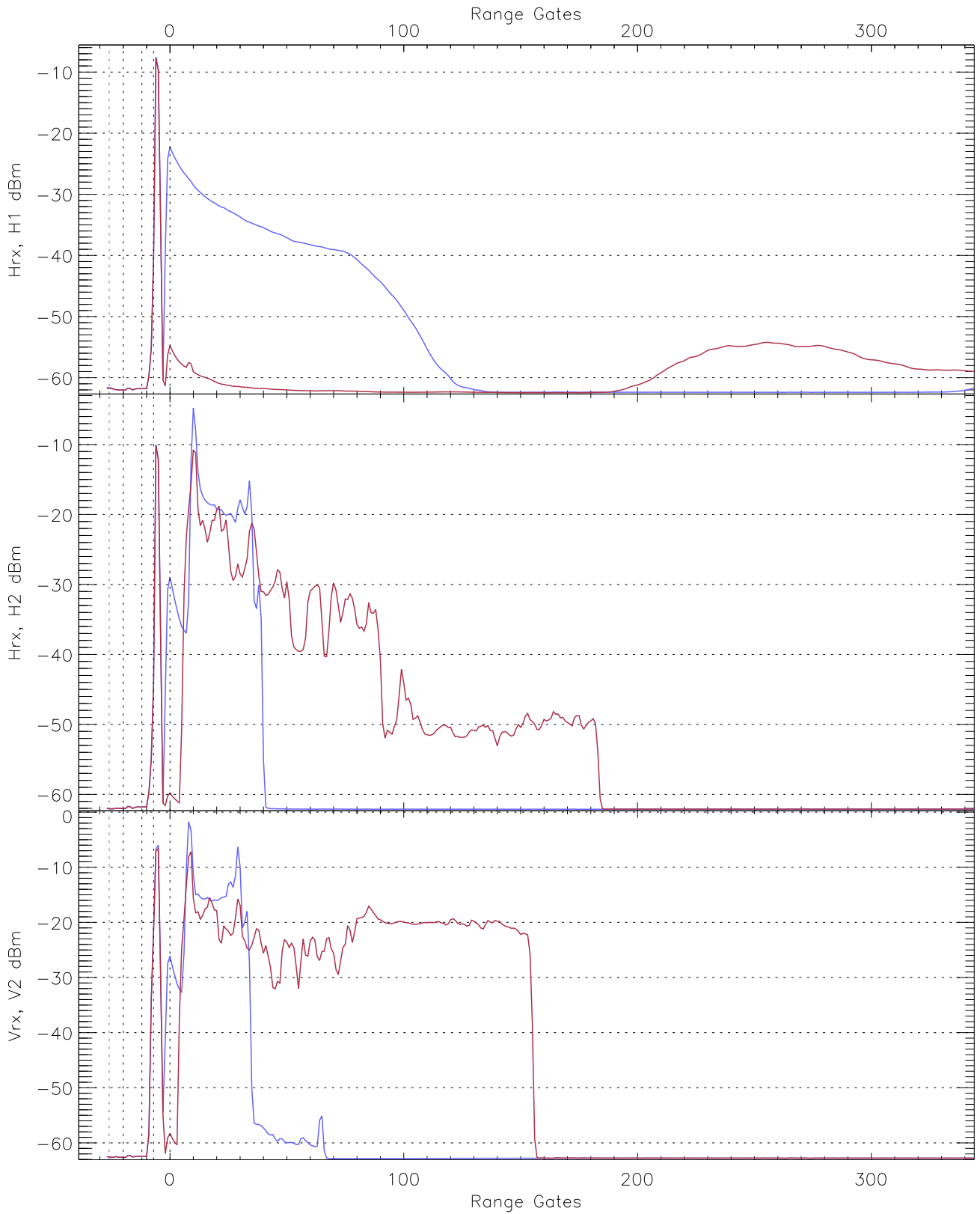
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.35	-58.34	-61.70	-61.93	-69.13
Hrx, H2(RM [dBm])	-62.98	-61.10	-62.03	-62.04	-74.58
Vrx, V2(RM [dBm])	-63.50	-61.63	-62.53	-62.54	-75.05

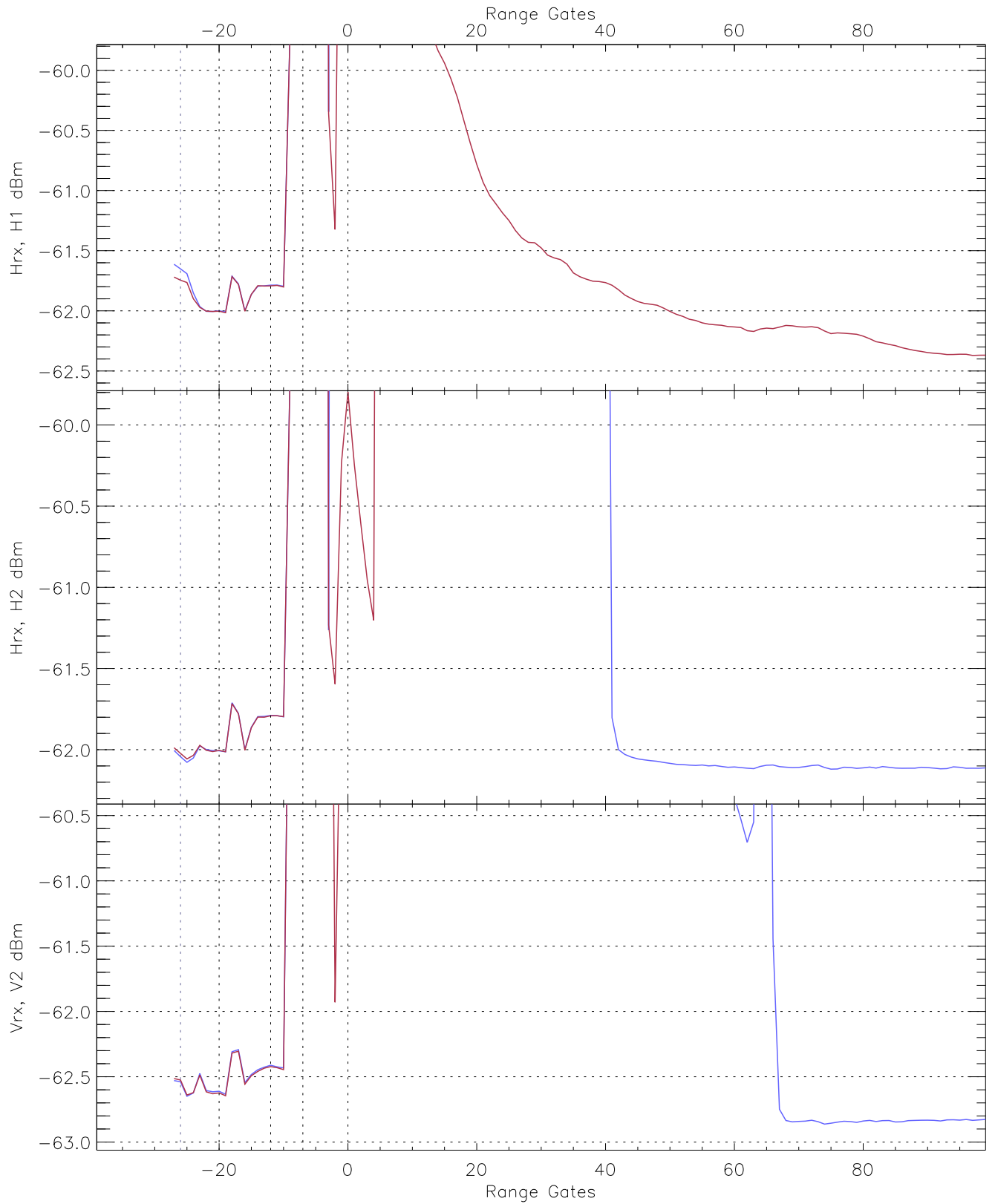


WCR2 CPP "Best" estimate Receivers Noise Power

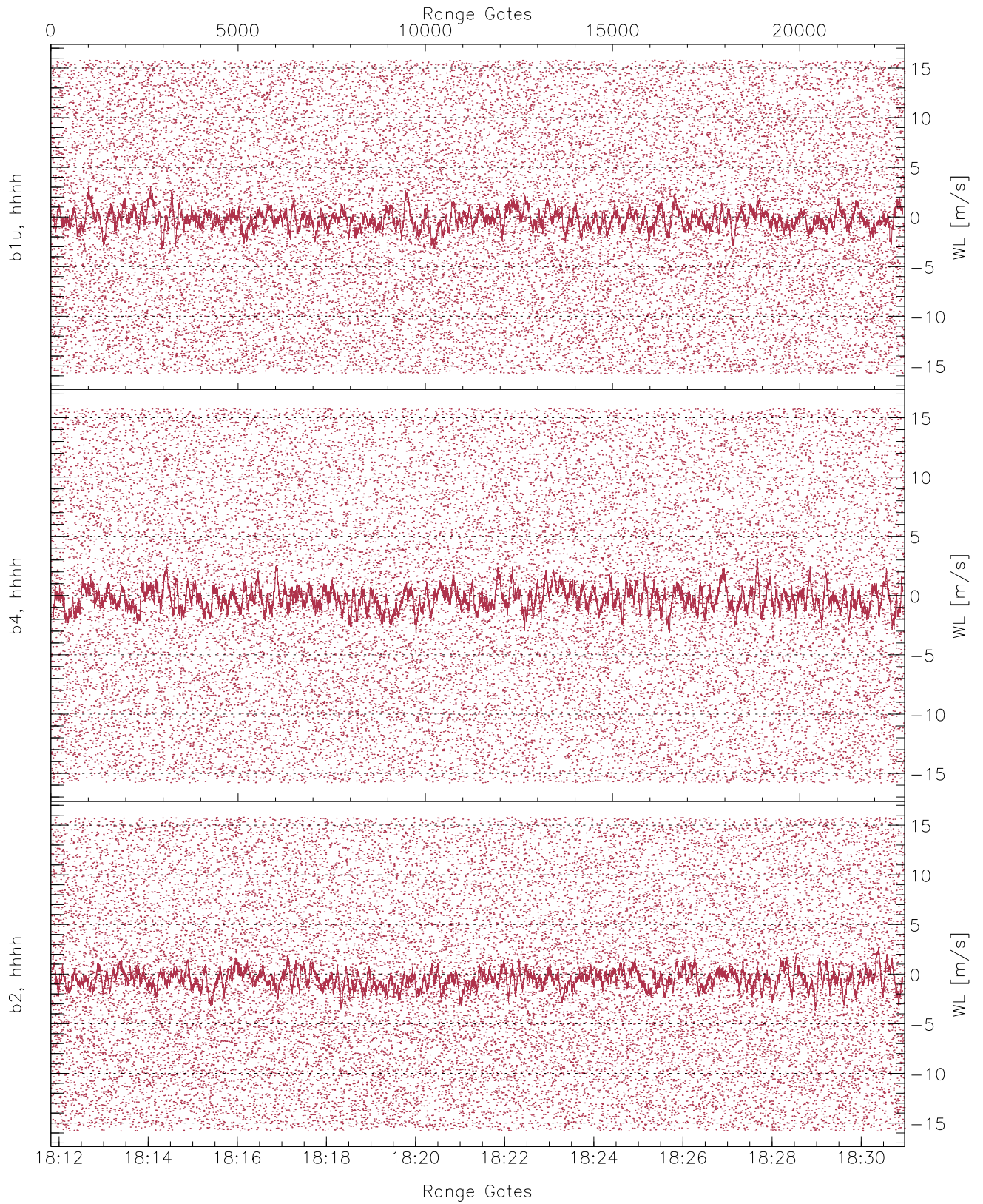
	Min	Max	Mean	Median	StDev
H2HL_0 [dBm]	-63.43	-61.50	-62.42	-62.43	-74.98
H2RG275_0 [dBm]	-63.18	-61.27	-62.12	-62.13	-74.71
V2RG163_0 [dBm]	-63.98	-61.87	-62.80	-62.81	-75.33



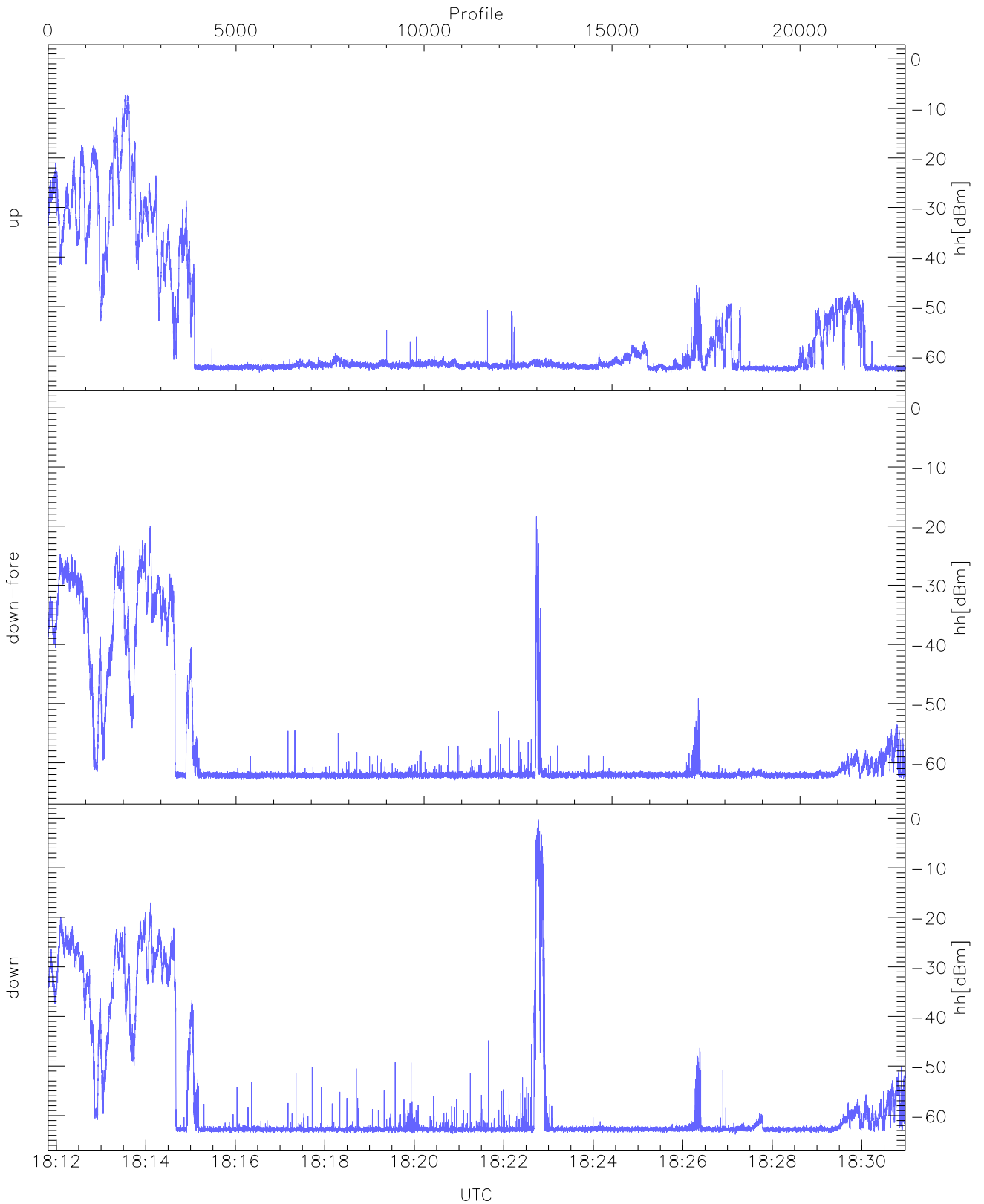
WCR2 CPP Averaged Received power for all recorded gates
blue: 181149-182124, 11401 profiles averaged
red: 182124-183058, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 181149-182124, 11401 profiles averaged
red: 182124-183058, 11400 profiles averaged

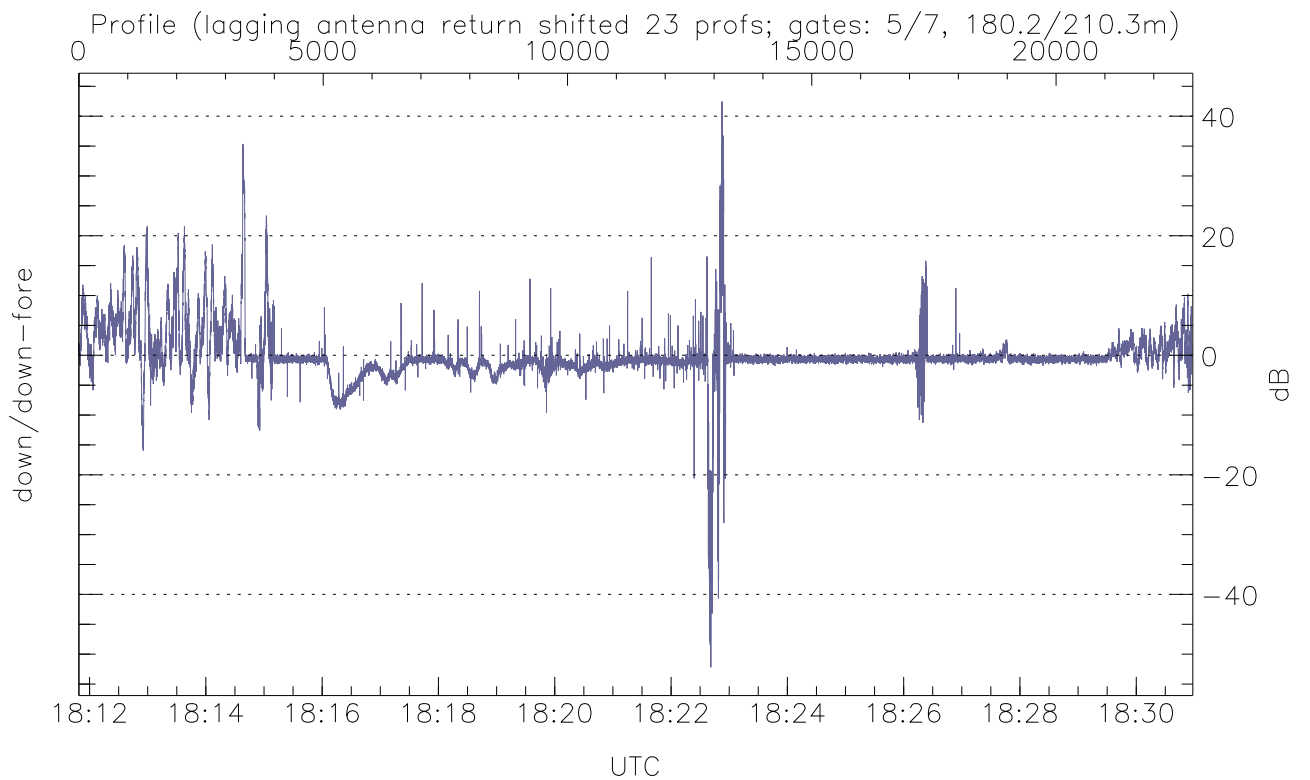
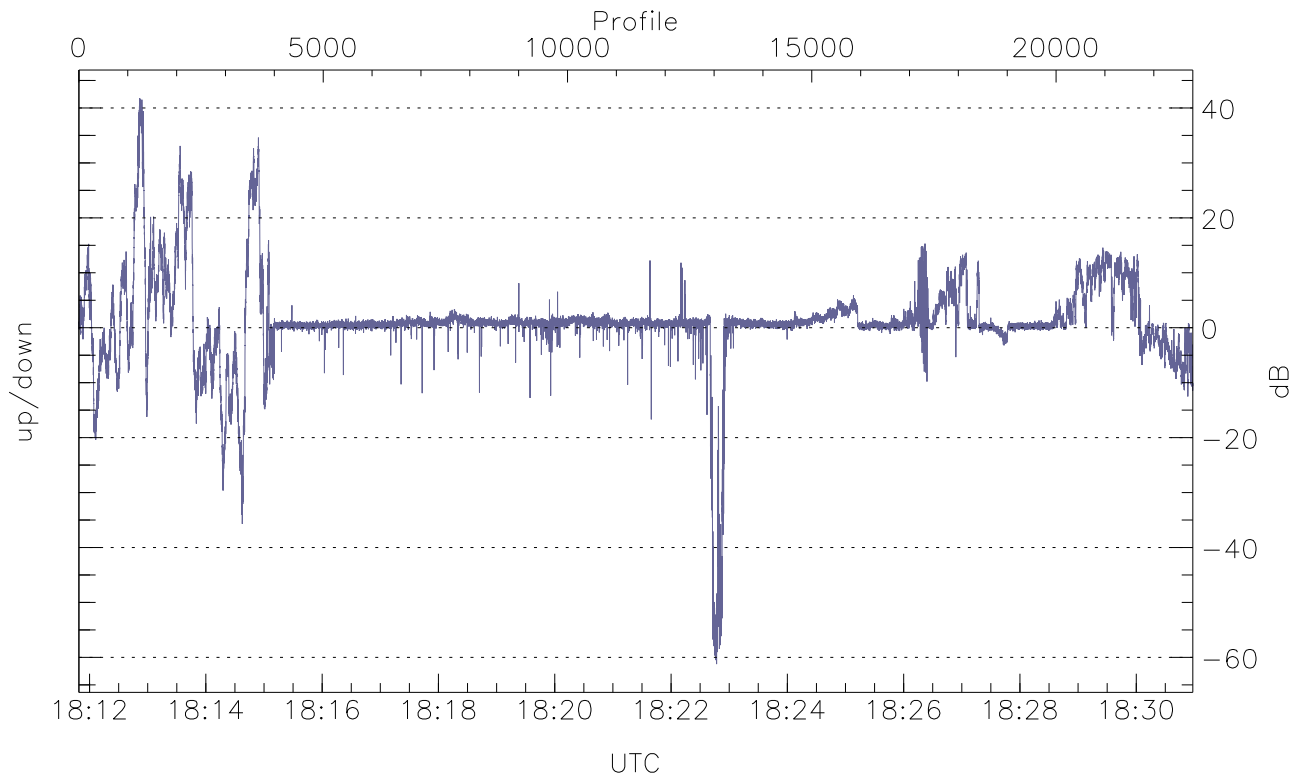


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



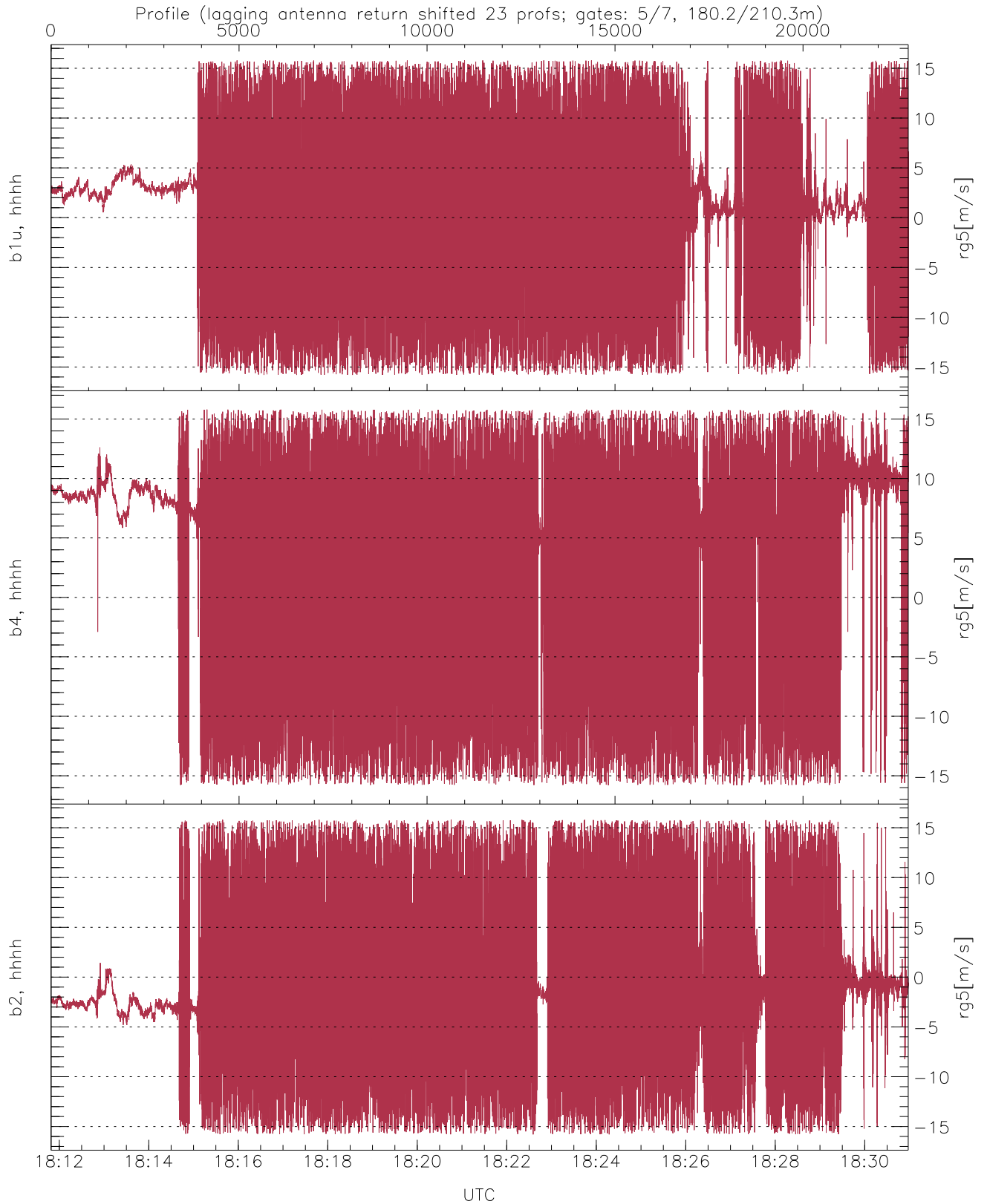
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh [dBm])	-63.45	-7.22	-28.98
down-fore(hh [dBm])	-62.96	-18.33	-38.85
down(hh [dBm])	-63.80	-0.30	-27.17



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

	Min	Max	Mean
up/down (dB)	-61.22	41.76	1.23
down/down-fore (dB)	-52.19	42.46	-0.18



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.79	0.69	7.48
b4, hhhh(rg5[m/s])	-15.80	15.80	2.45	8.73
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.98	7.53