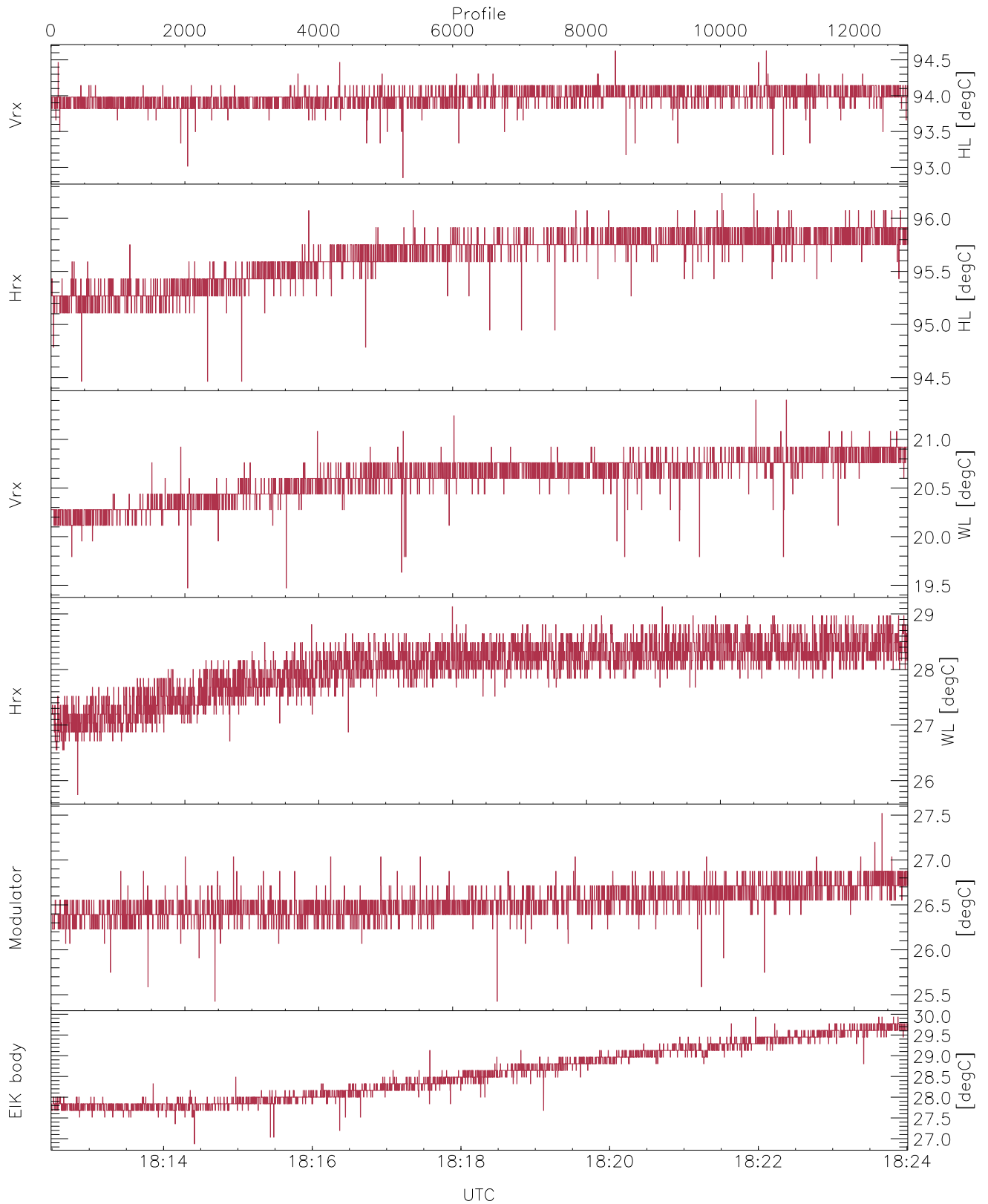


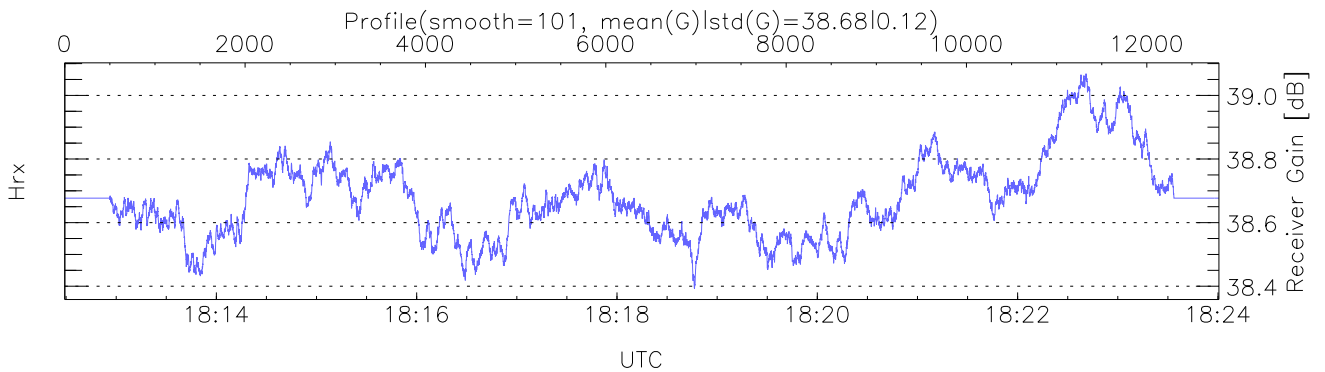
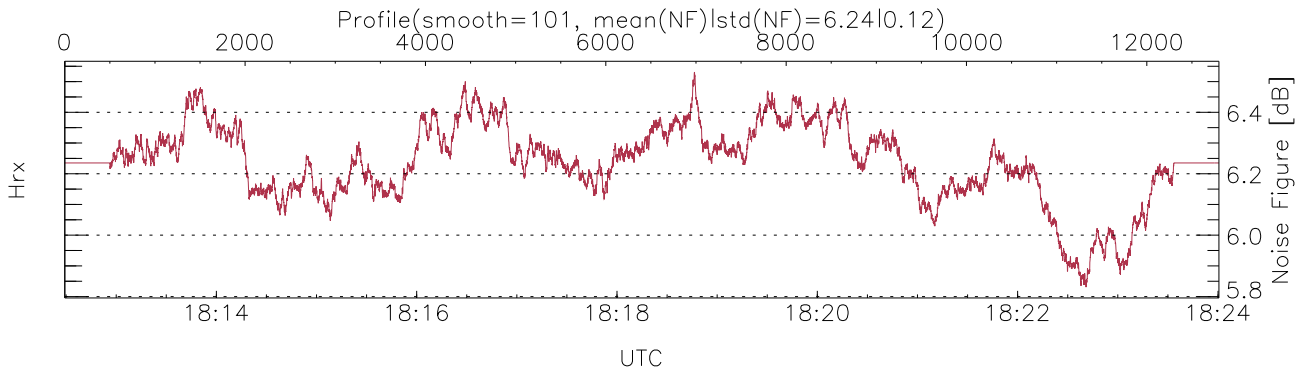
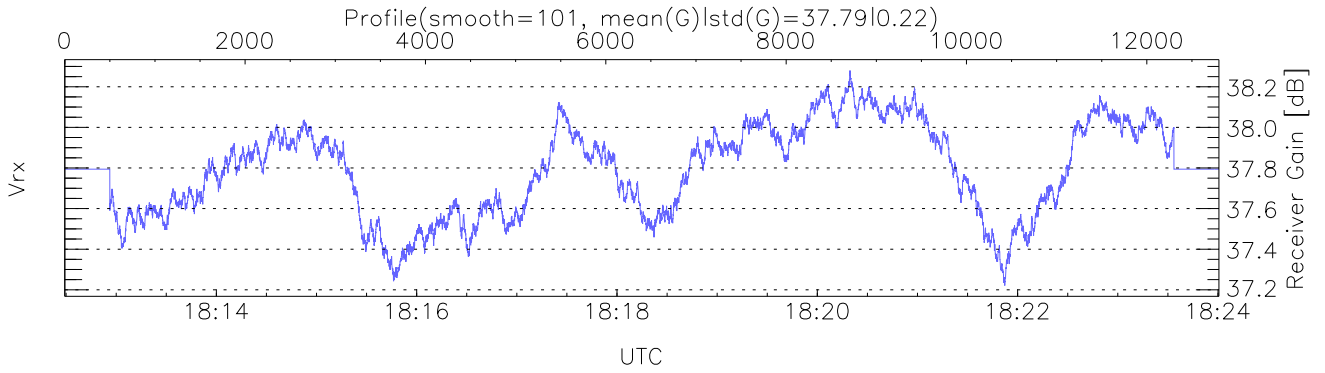
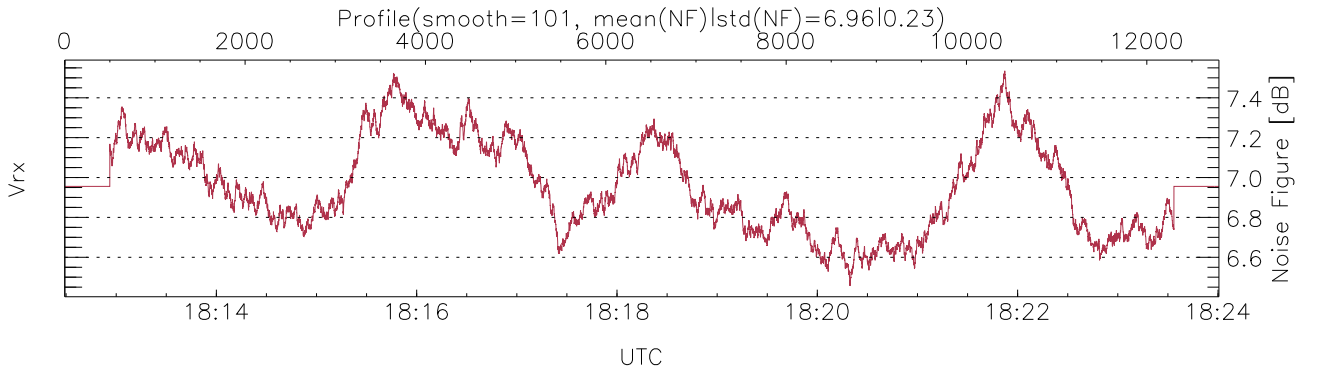
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 18:12:29-18:24:01, Dur: 691.37s  
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): 12801/12801, 0-12800/18:12:29-18:24:01  
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,rgs): 105,6037,15.0 m, Gates: 396, Aspect: 3.1  
Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



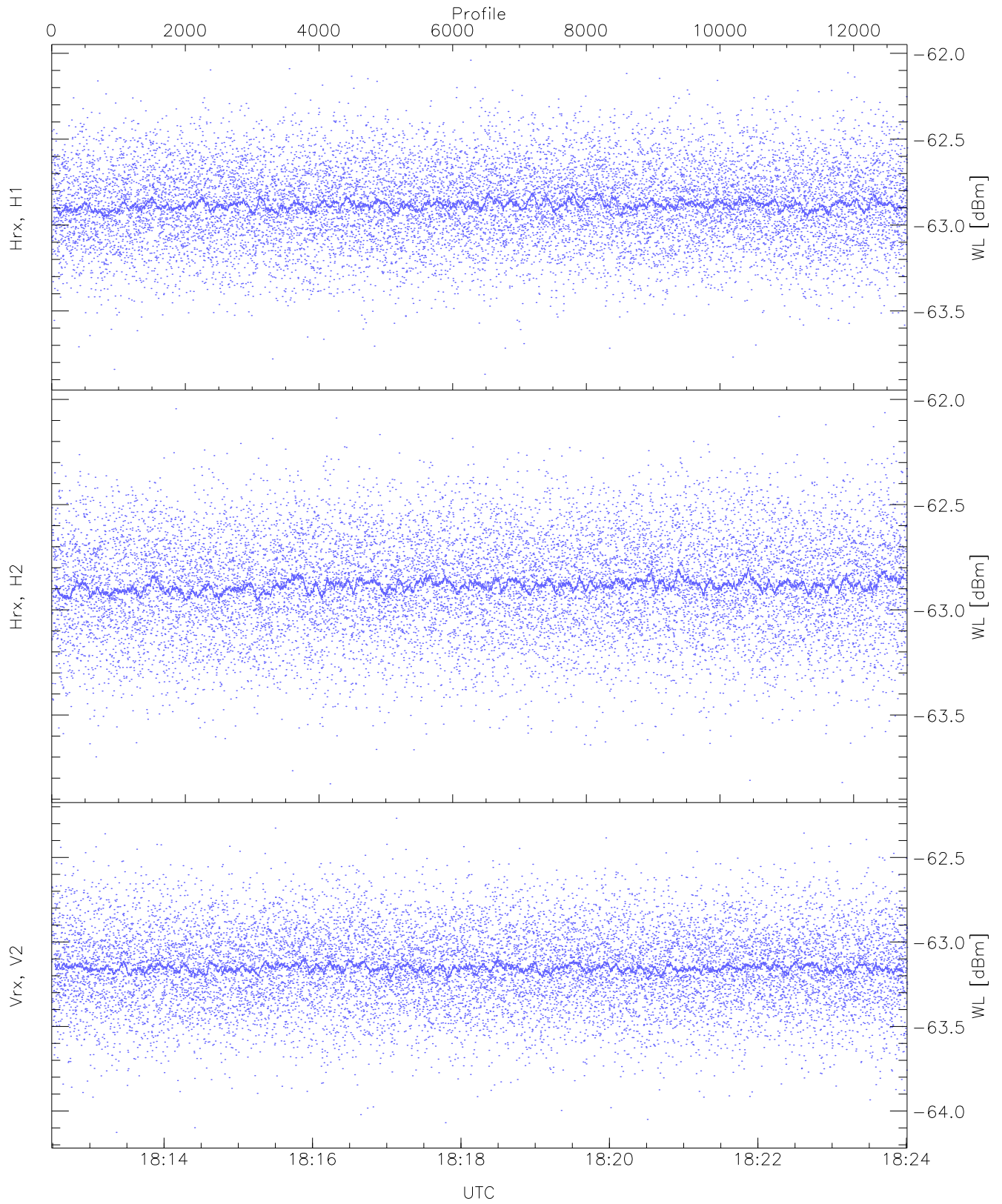
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

`mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,94,19,25,25,26`  
`maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 94,96,21,29,27,29`  
`LOalarm(20,80,240,2.8,14.8 MHz): None`  
`EIK Faults(# prof affected):`  
`DeckT,CollT,BodyCurr,DeckF,OverDuty (10,10,10,15,10)`



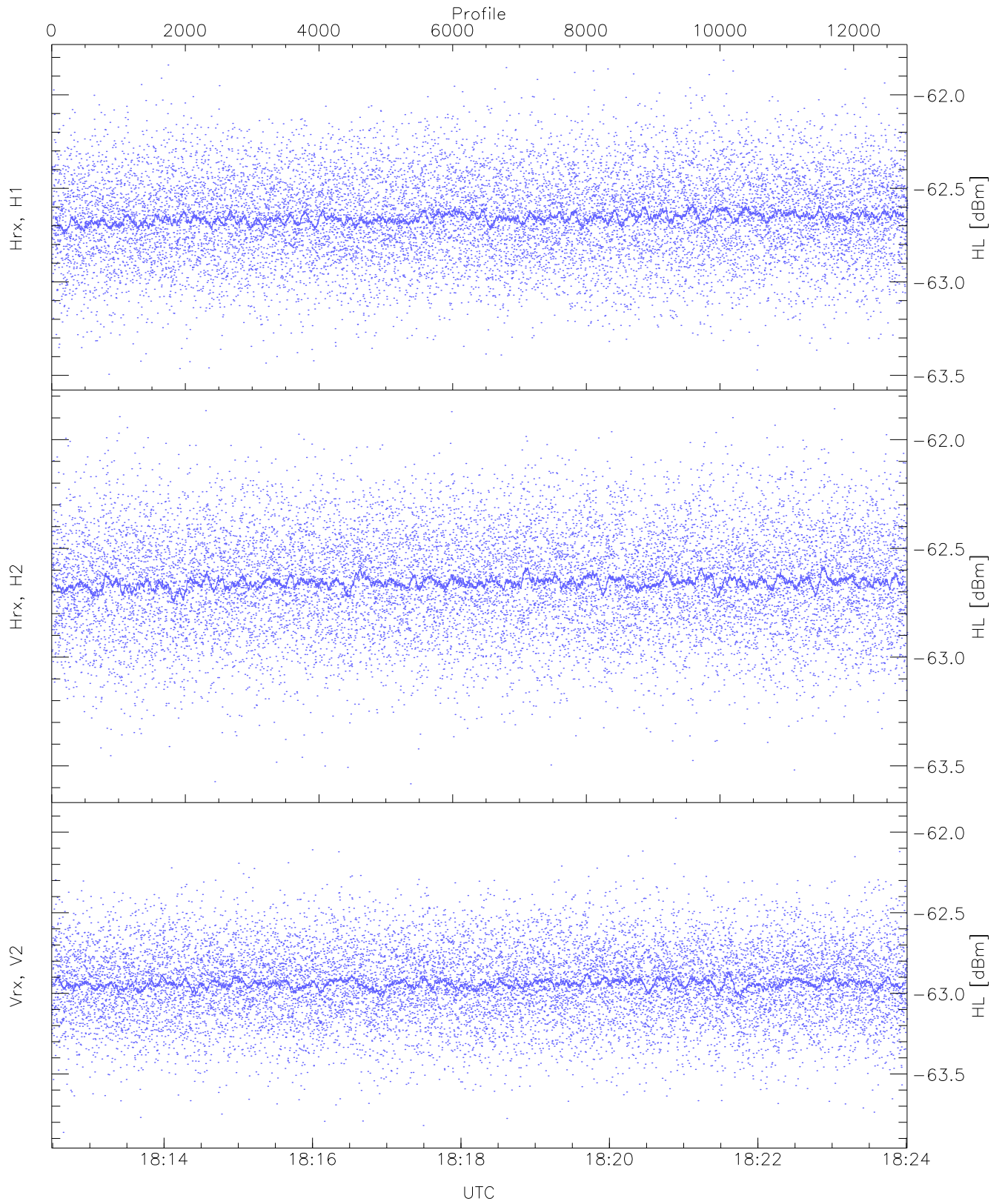
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 2112 pixs, 53 gates, 1956 profs, 2 prods



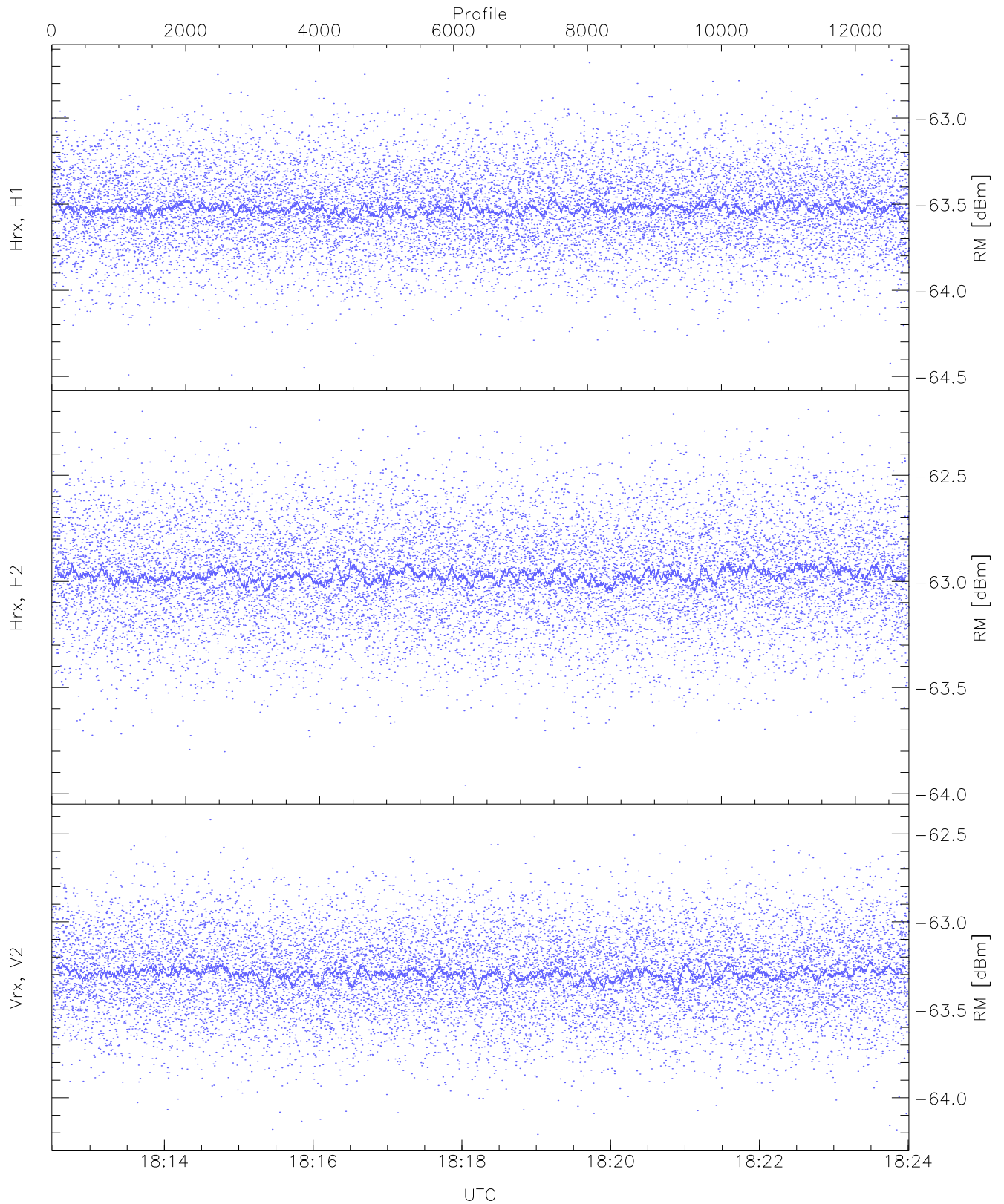
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.87	-62.04	-62.88	-62.88	-75.63
Hrx, H2(WL [dBm])	-63.83	-62.04	-62.88	-62.88	-75.58
Vrx, V2(WL [dBm])	-64.13	-62.27	-63.15	-63.15	-75.82



WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

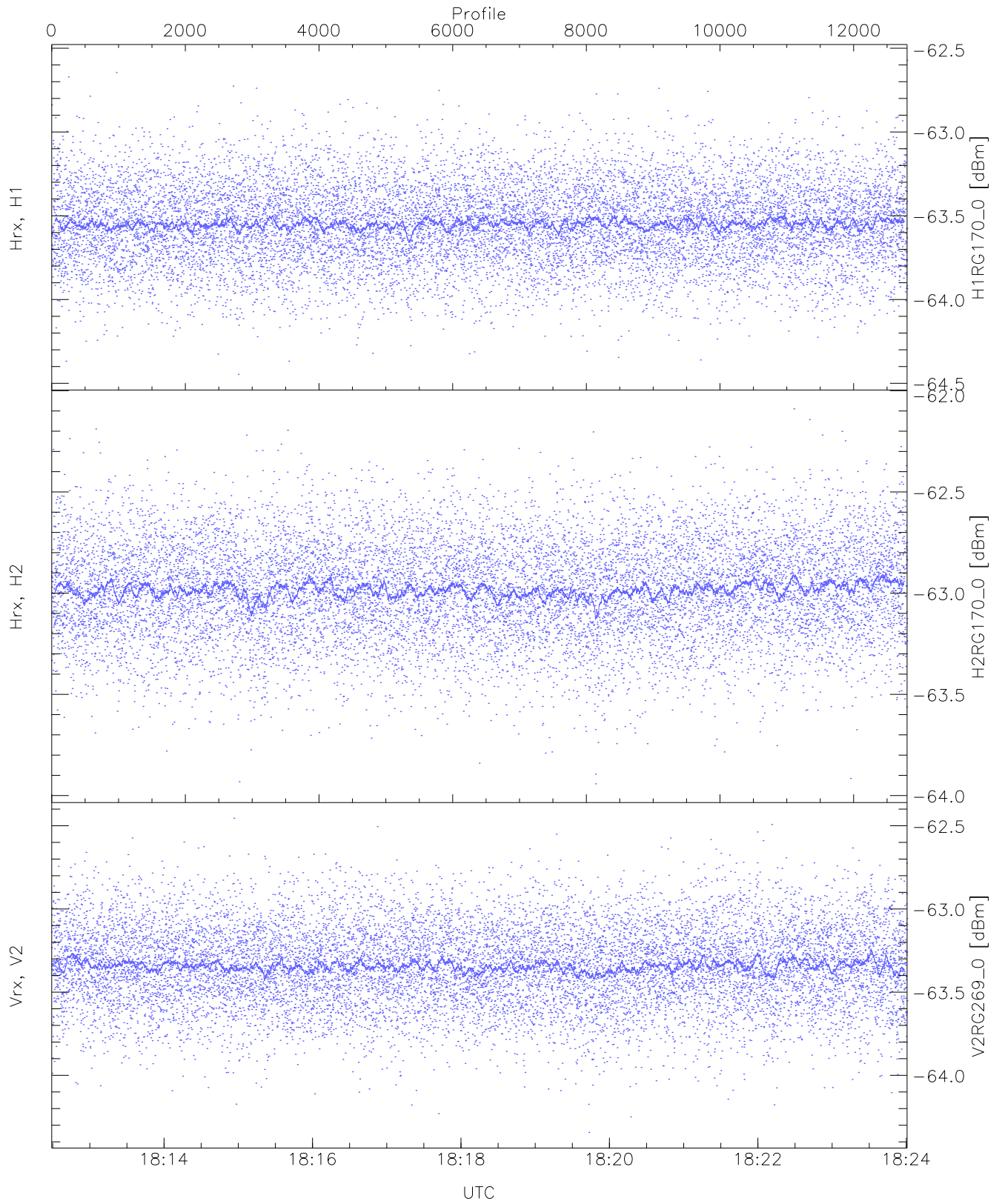
	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.49	-61.81	-62.65	-62.66	-75.39
Hrx, H2 (HL [dBm])	-63.58	-61.86	-62.65	-62.66	-75.39
Vrx, V2 (HL [dBm])	-63.86	-61.91	-62.94	-62.94	-75.64



WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

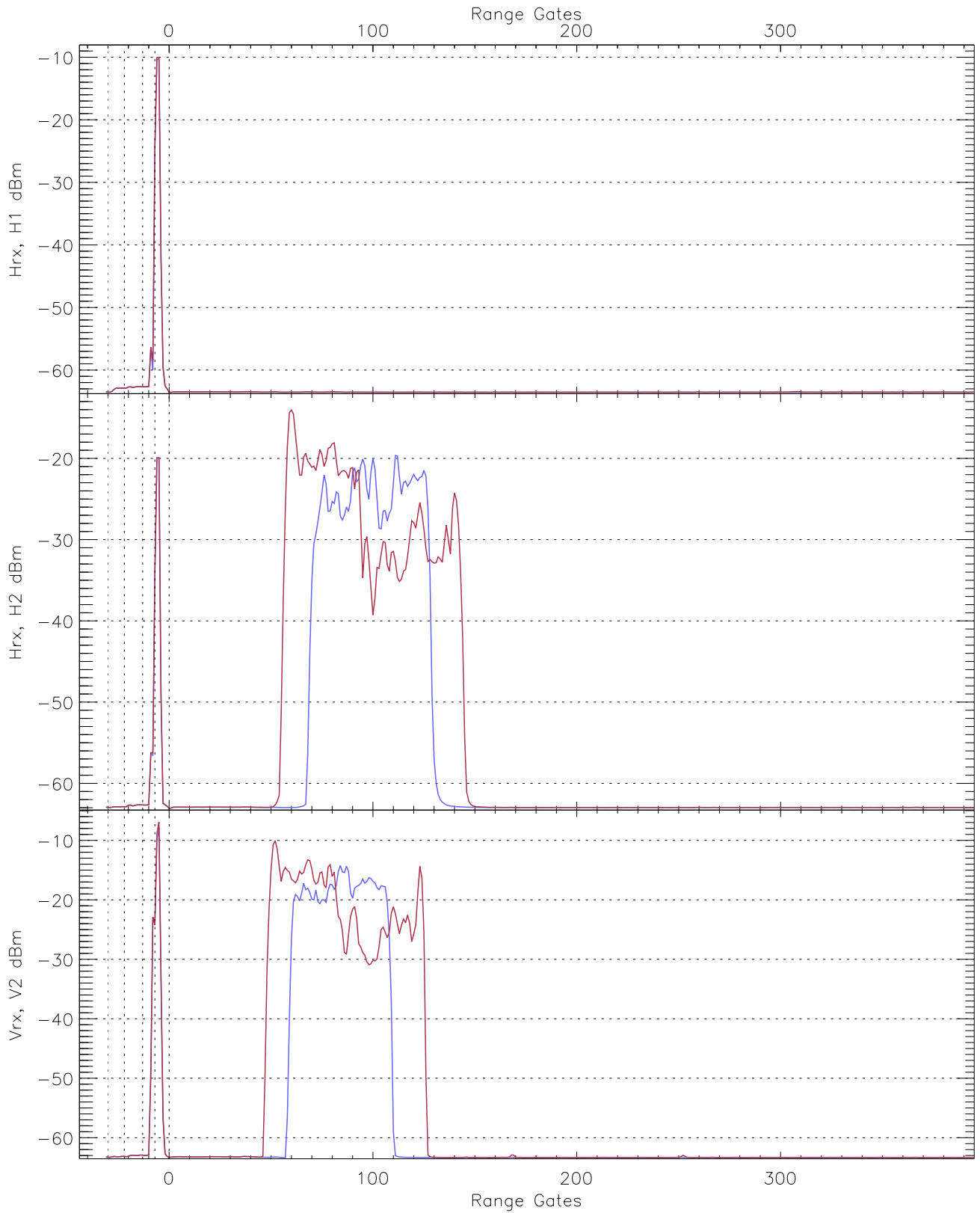
	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.49	-62.66	-63.52	-63.52	-76.26
Hrx, H2 (RM [dBm])	-63.96	-62.19	-62.97	-62.97	-75.66
Vrx, V2 (RM [dBm])	-64.21	-62.42	-63.29	-63.30	-75.99





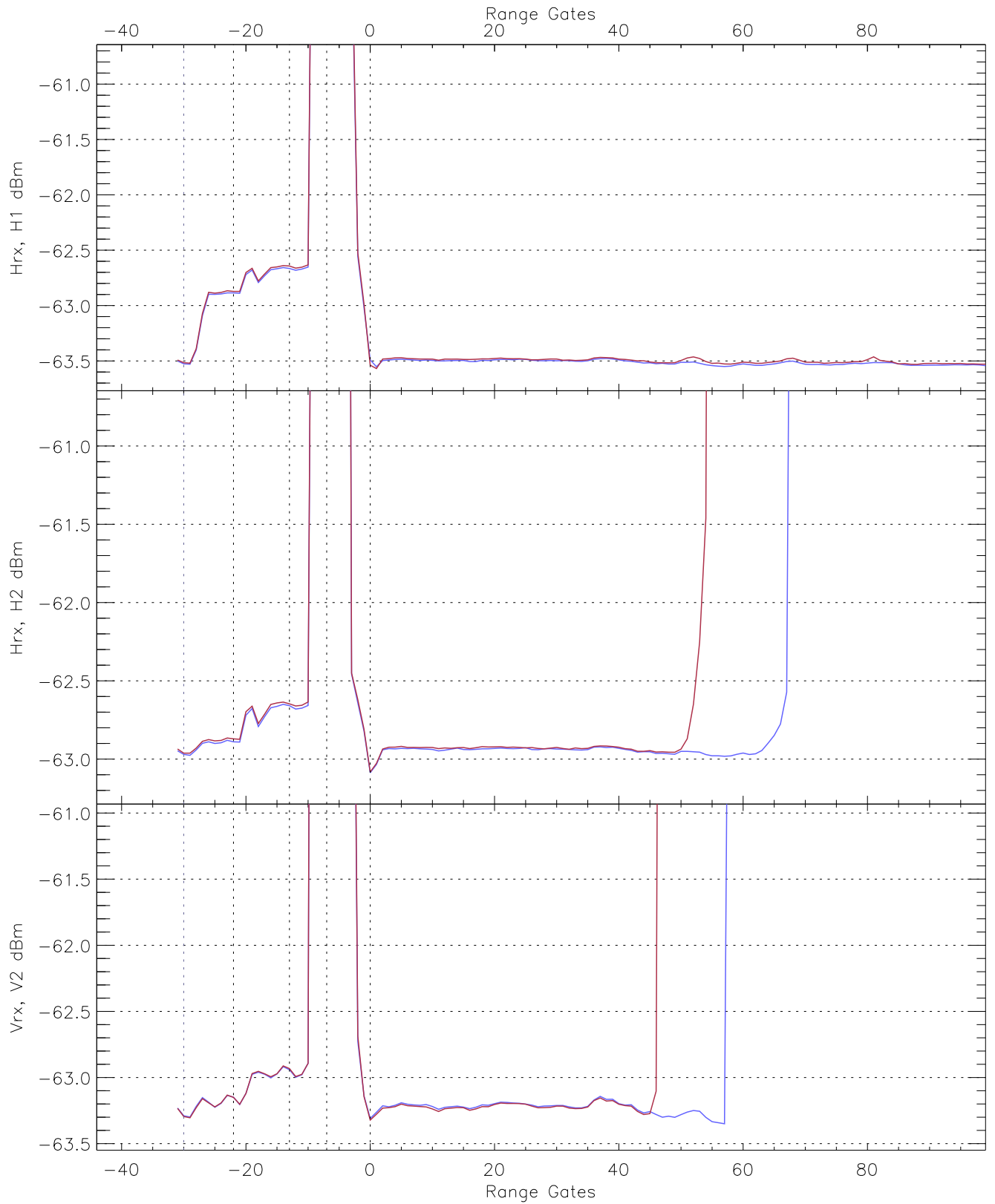
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG170_0 [dBm]	-64.45	-62.57	-63.55	-63.55	-76.28
H2RG170_0 [dBm]	-63.94	-62.09	-62.98	-62.99	-75.69
V2RG269_0 [dBm]	-64.34	-62.45	-63.34	-63.34	-75.99

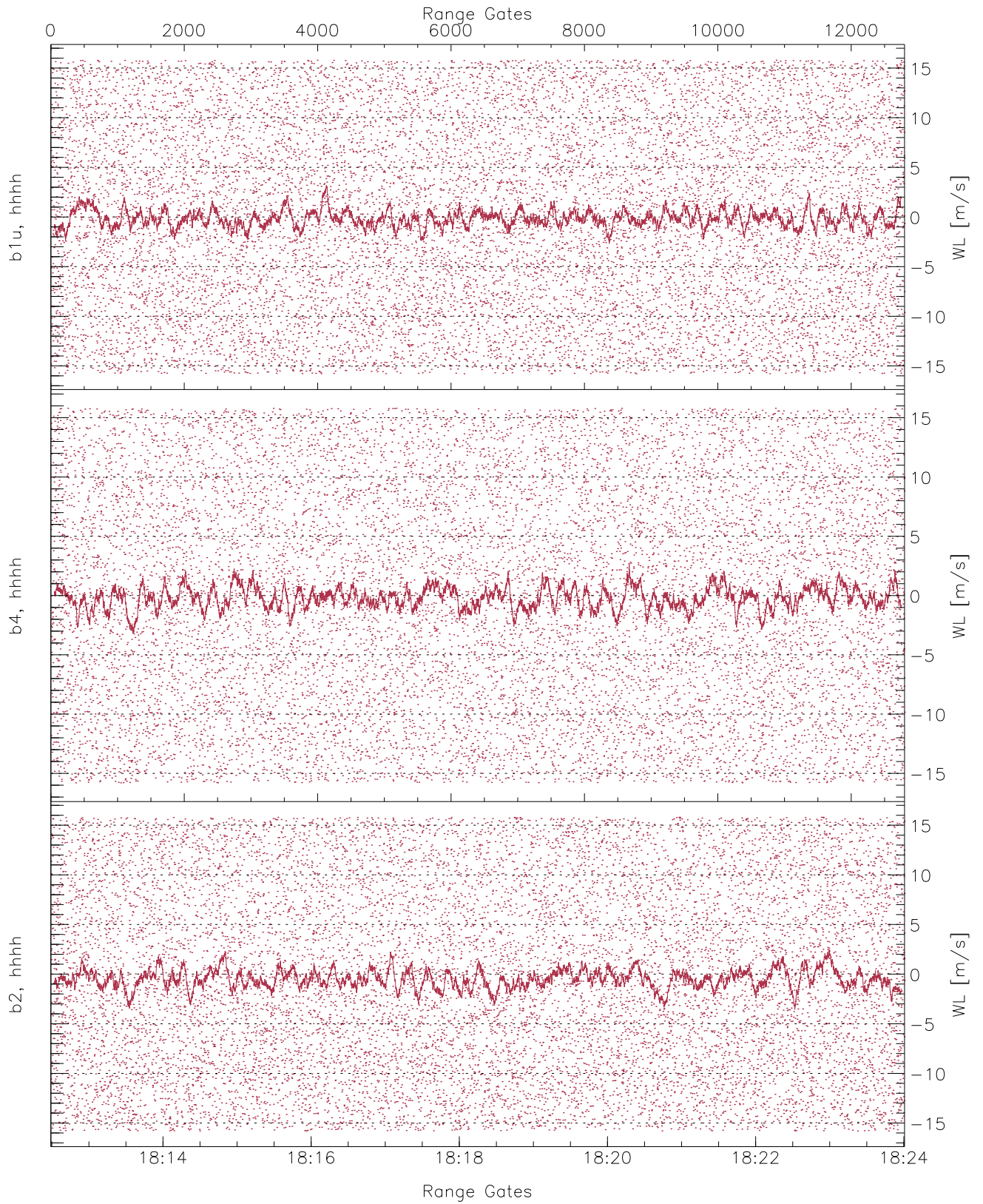


WCR2 CPP Averaged Received power for all recorded gates  
blue: 181229-181815, 6401 profiles averaged  
red: 181815-182401, 6401 profiles averaged

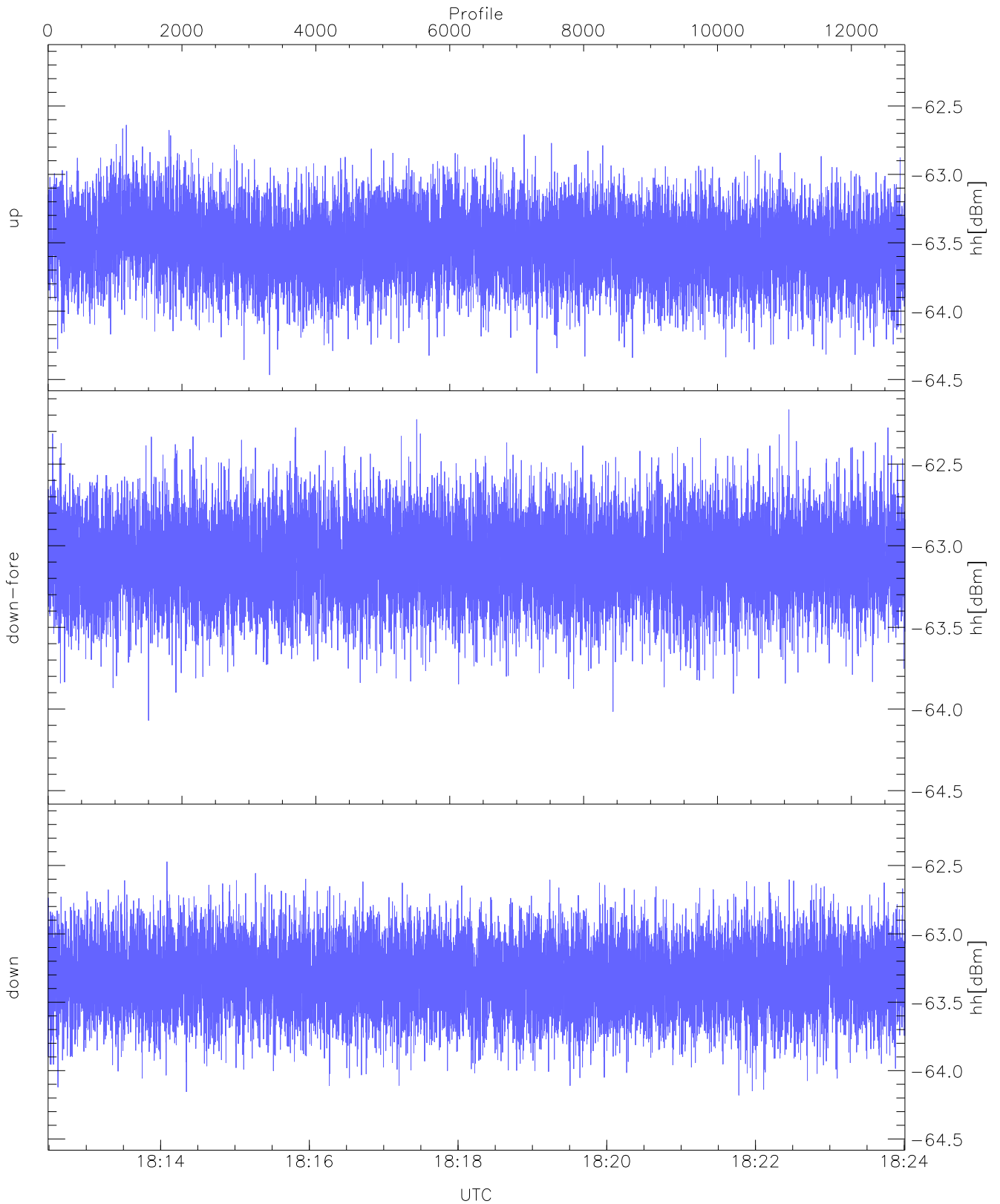




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 181229-181815, 6401 profiles averaged  
red: 181815-182401, 6401 profiles averaged

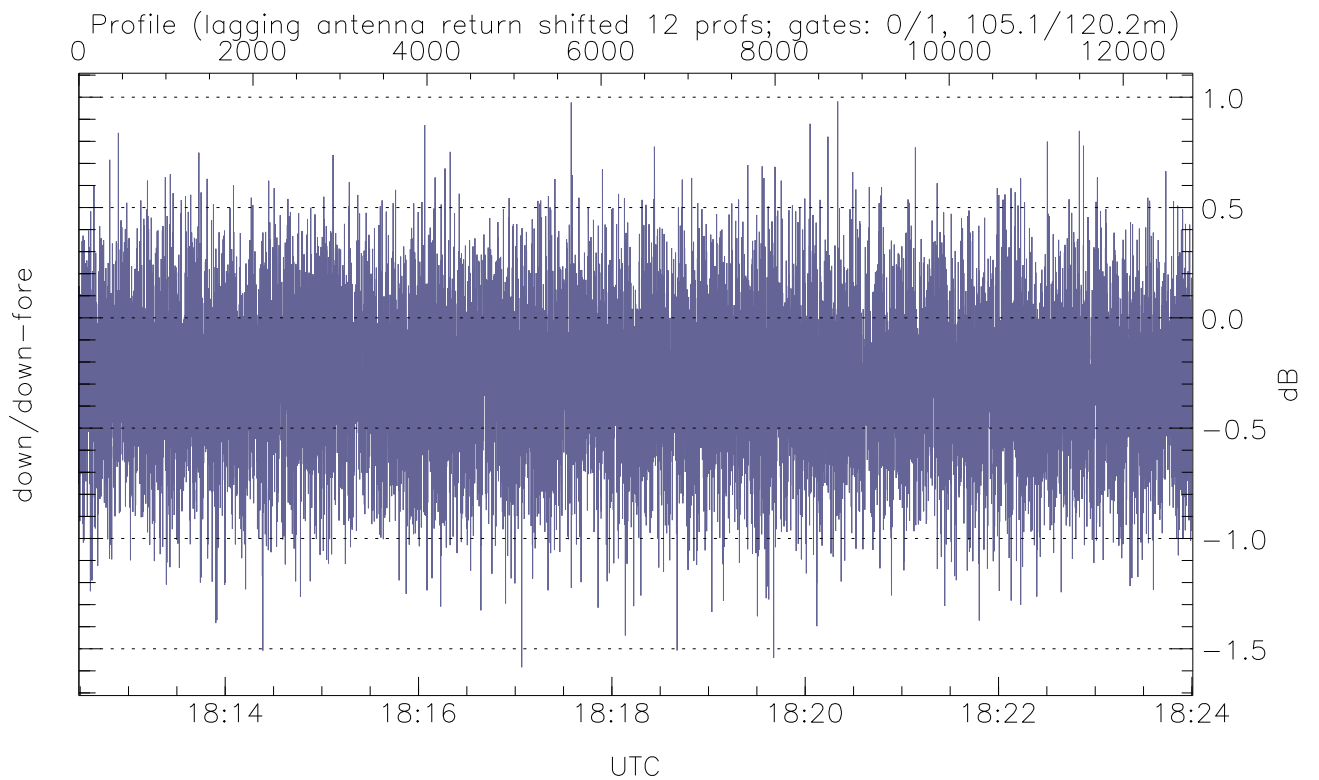
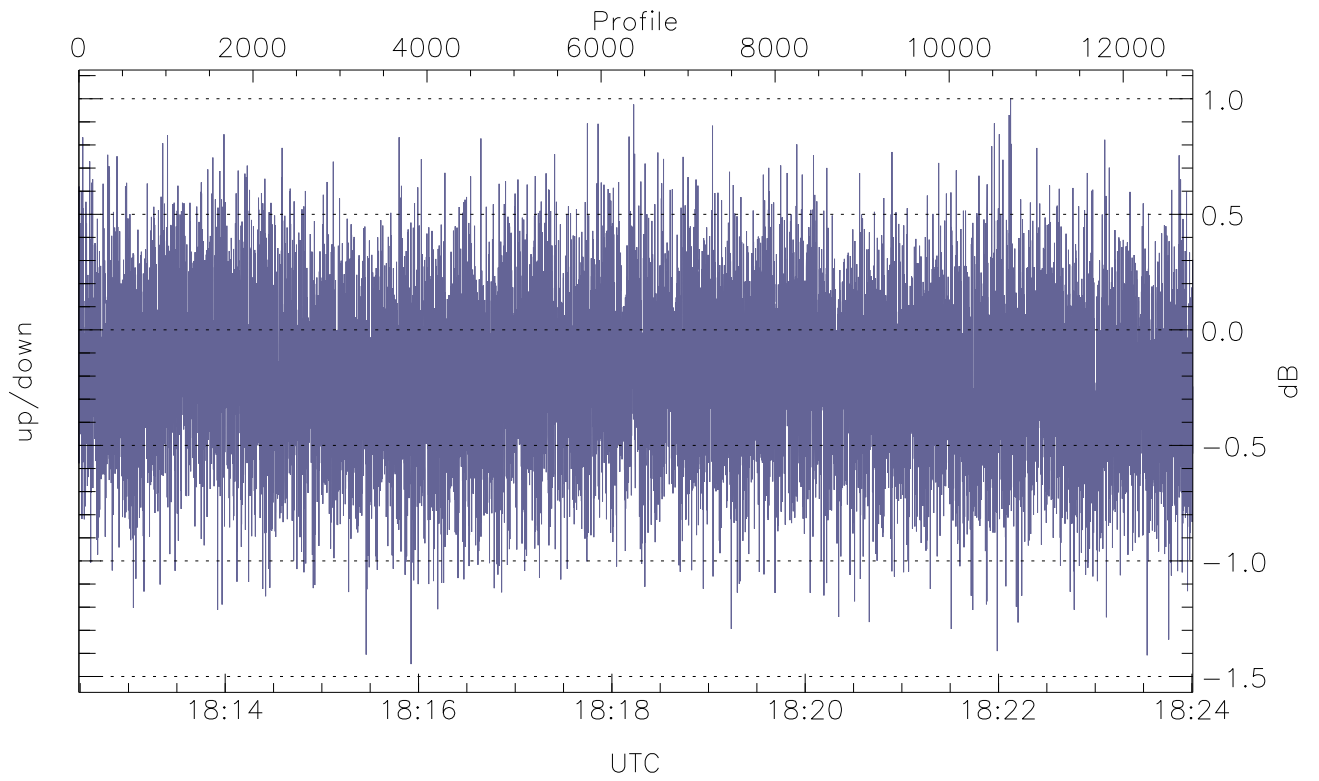


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



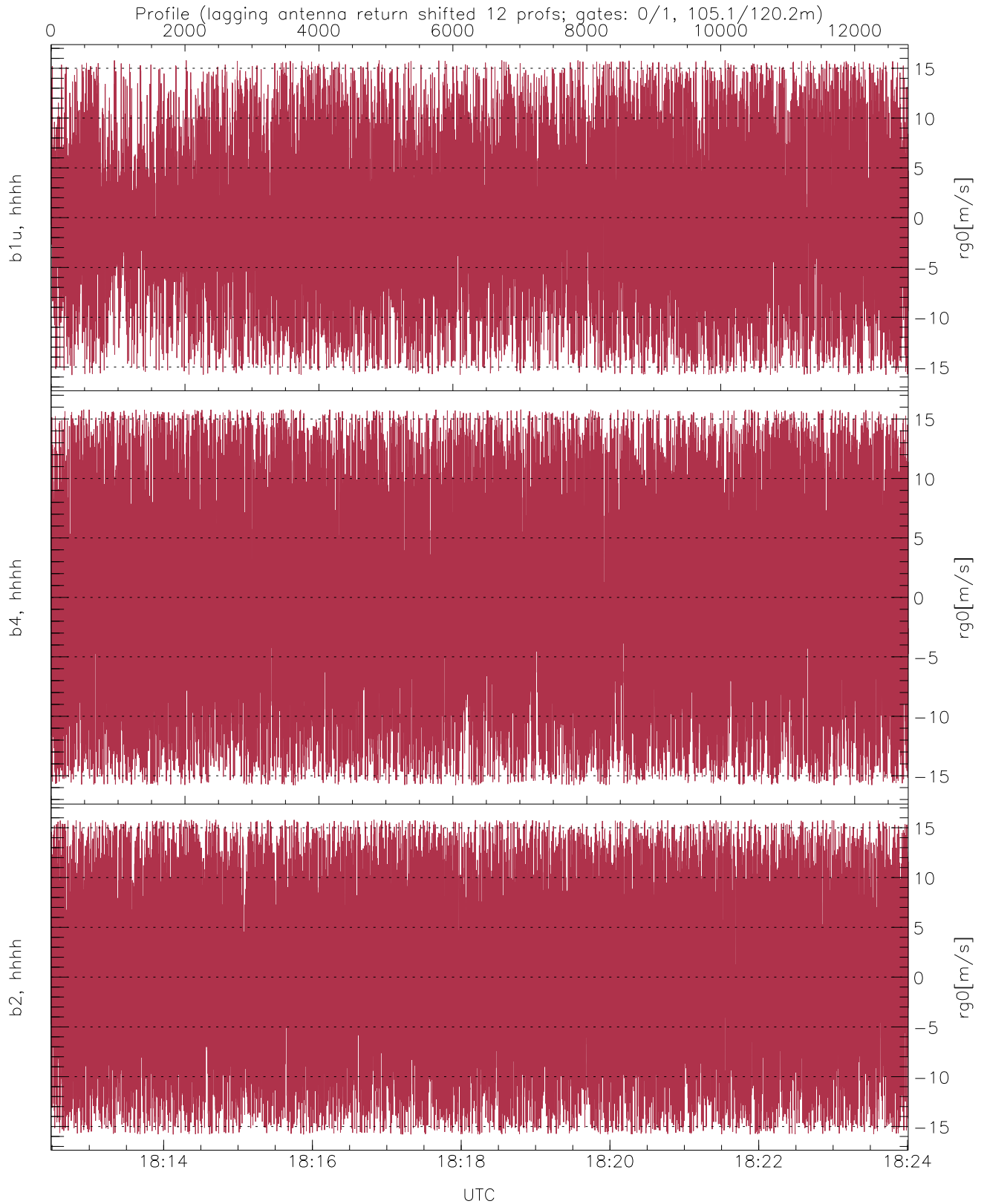
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.47	-62.64	-63.51
down-fore(hh[dBm])	-64.07	-62.17	-63.08
down(hh[dBm])	-64.18	-62.47	-63.32



WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-1.45	1.00	-0.20
down/down-fore (dB)	-1.58	0.98	-0.28



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.80	15.79	-0.28	7.54
b4, hhhh(rg0[m/s])	-15.80	15.80	-0.10	9.10
b2, hhhh(rg0[m/s])	-15.80	15.80	-0.48	9.04