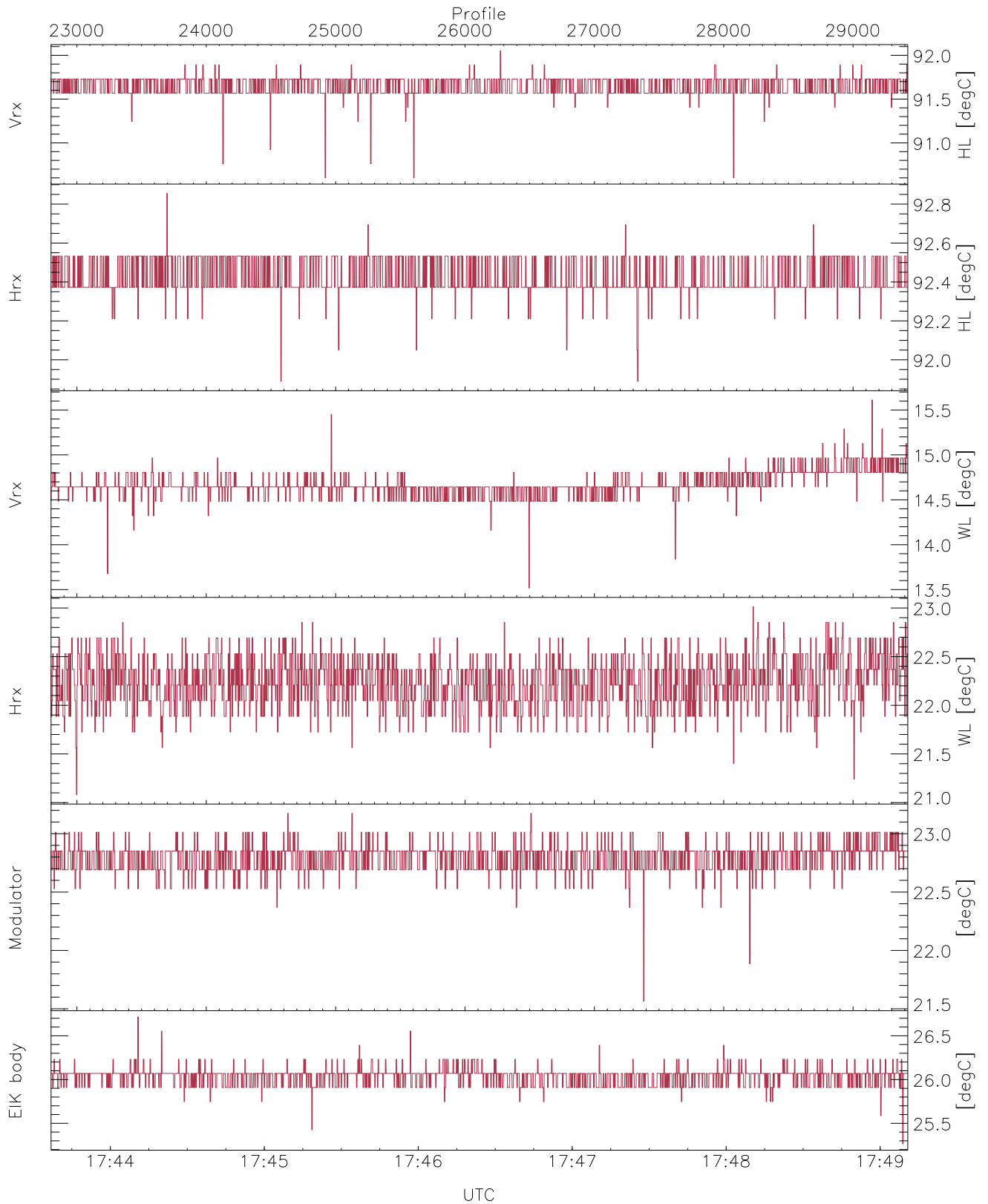


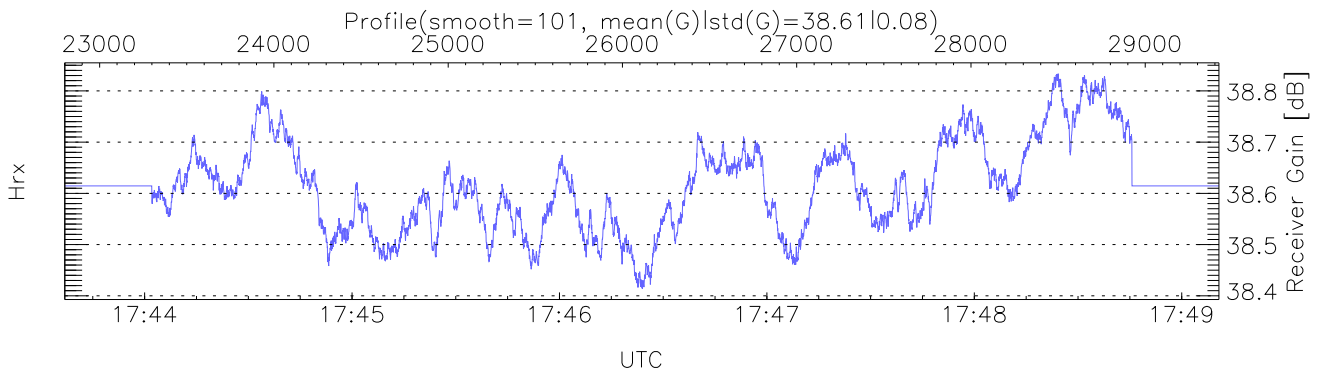
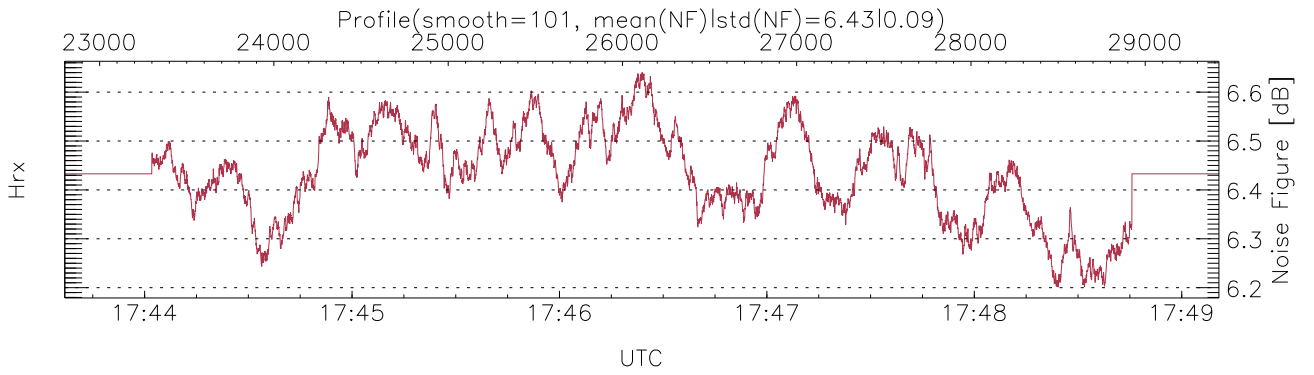
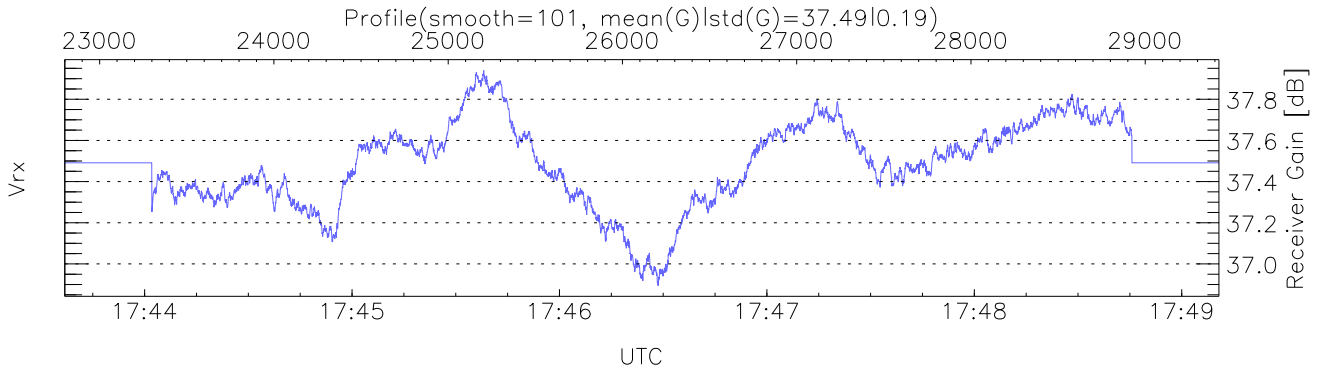
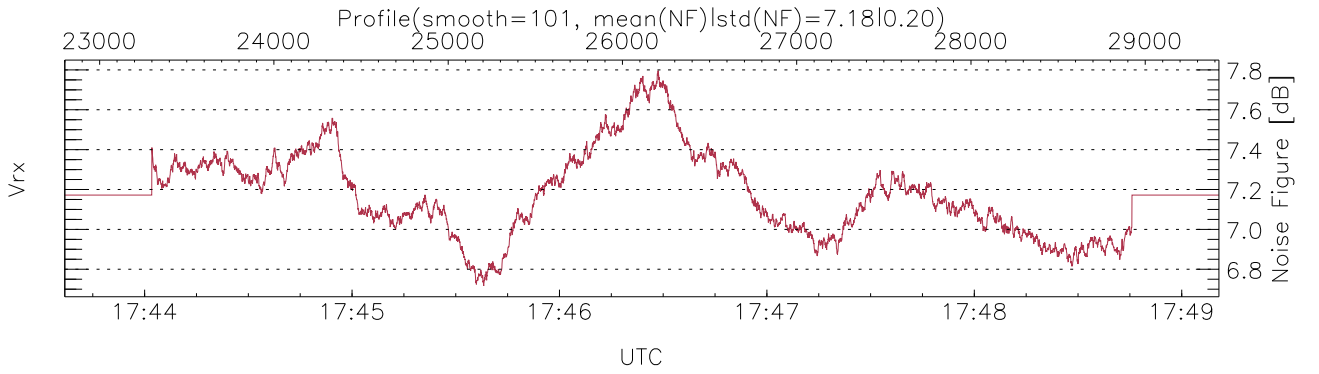
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:24:27-17:49:11, Dur: 1483.29s  
 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): 6624/29424, 22800-29423/17:43:37-17:49:11  
 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



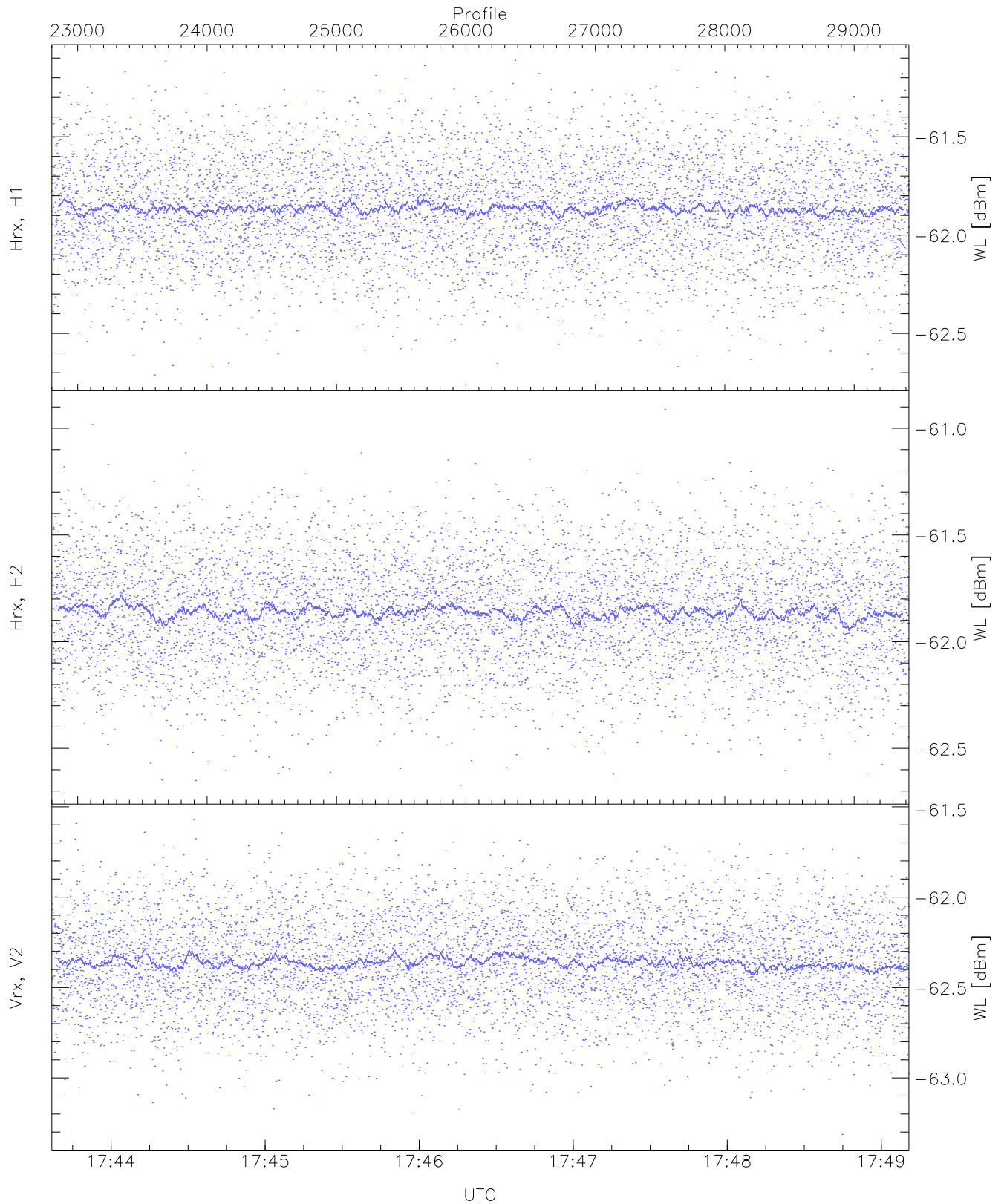
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 90,91,13,21,21,25  
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,92,15,23,23,26  
LOalarm(20,80,240,2.8,14.8 MHz): None  
EIK/Modulator Faults: None



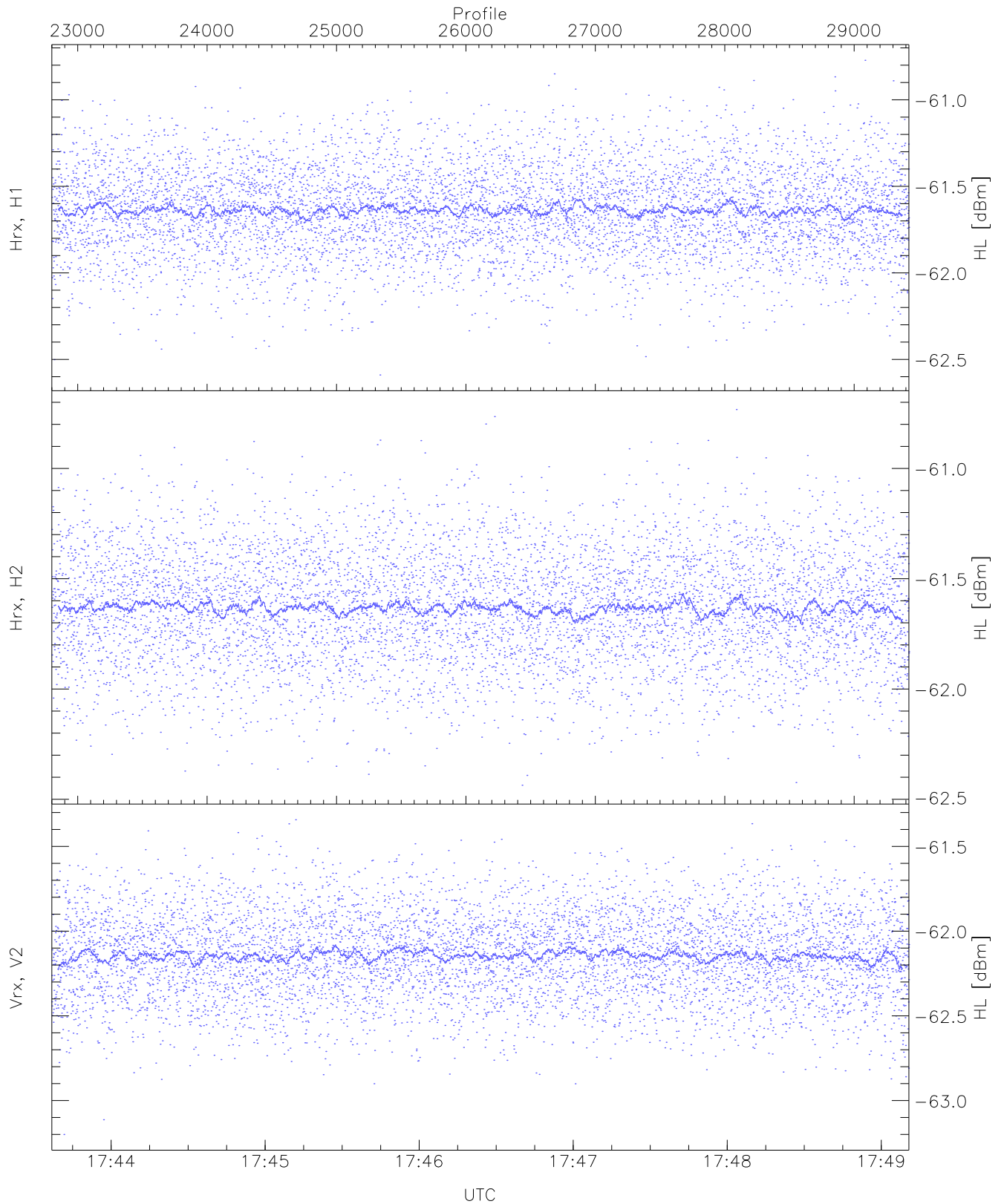
### WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 6654 pixs, 19 gates, 5897 profs, 2 prods



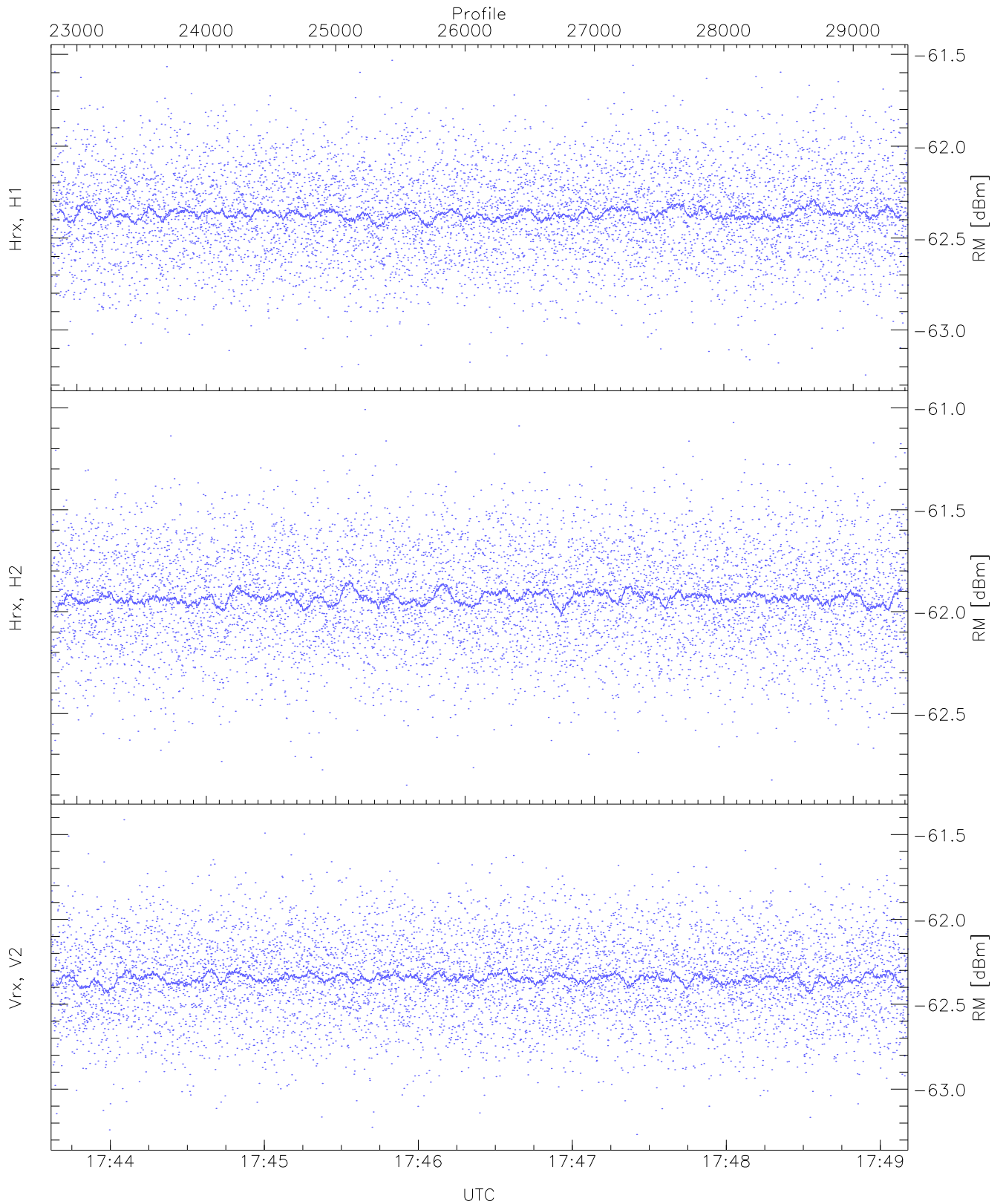
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-62.71	-61.11	-61.86	-61.87	-74.43
Hrx, H2 (WL [dBm])	-62.67	-60.91	-61.86	-61.86	-74.46
Vrx, V2 (WL [dBm])	-63.31	-61.57	-62.36	-62.36	-74.91



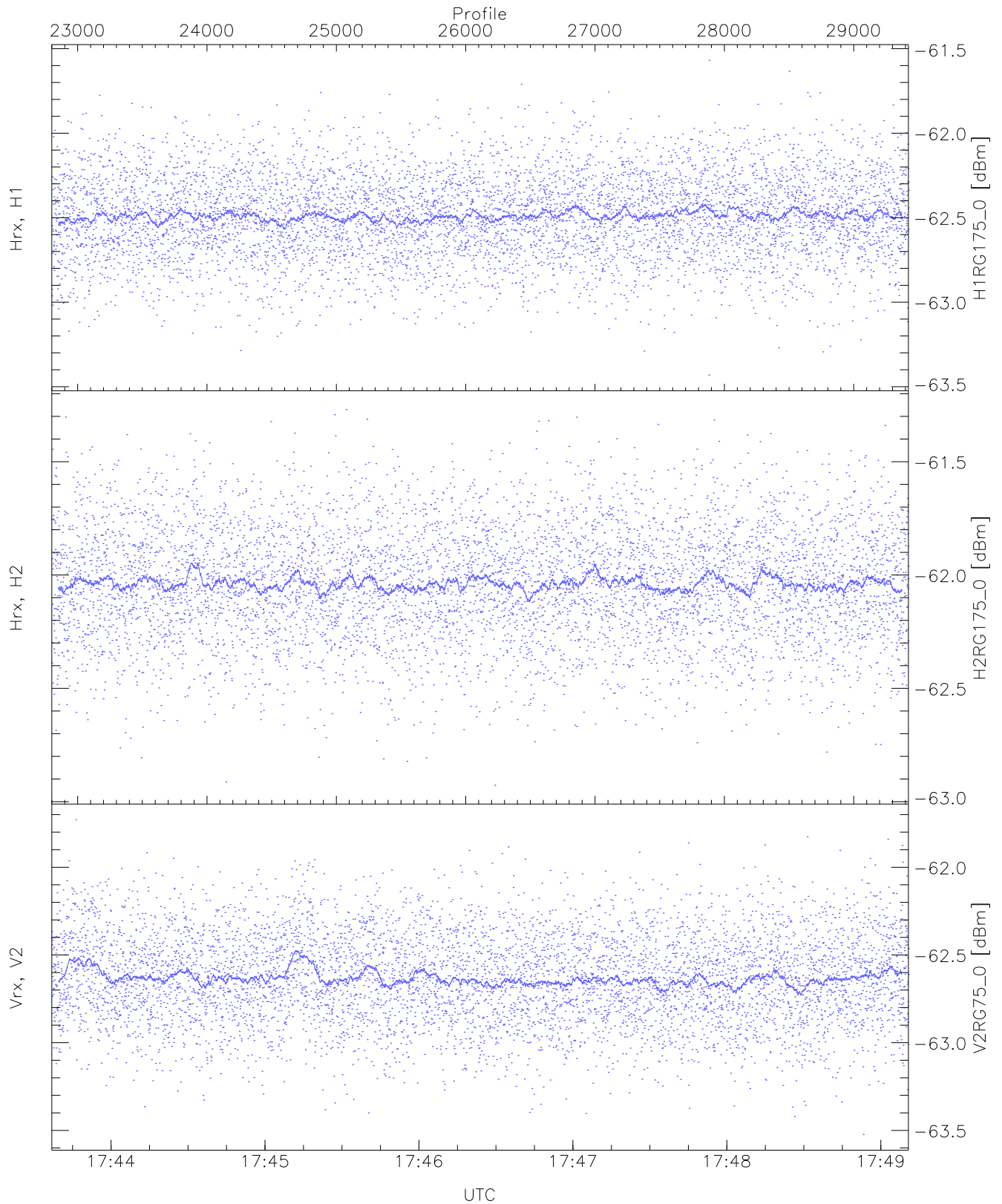
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.59	-60.77	-61.63	-61.64	-74.19
Hrx, H2 (HL [dBm])	-62.44	-60.73	-61.63	-61.63	-74.19
Vrx, V2 (HL [dBm])	-63.20	-61.34	-62.14	-62.14	-74.72



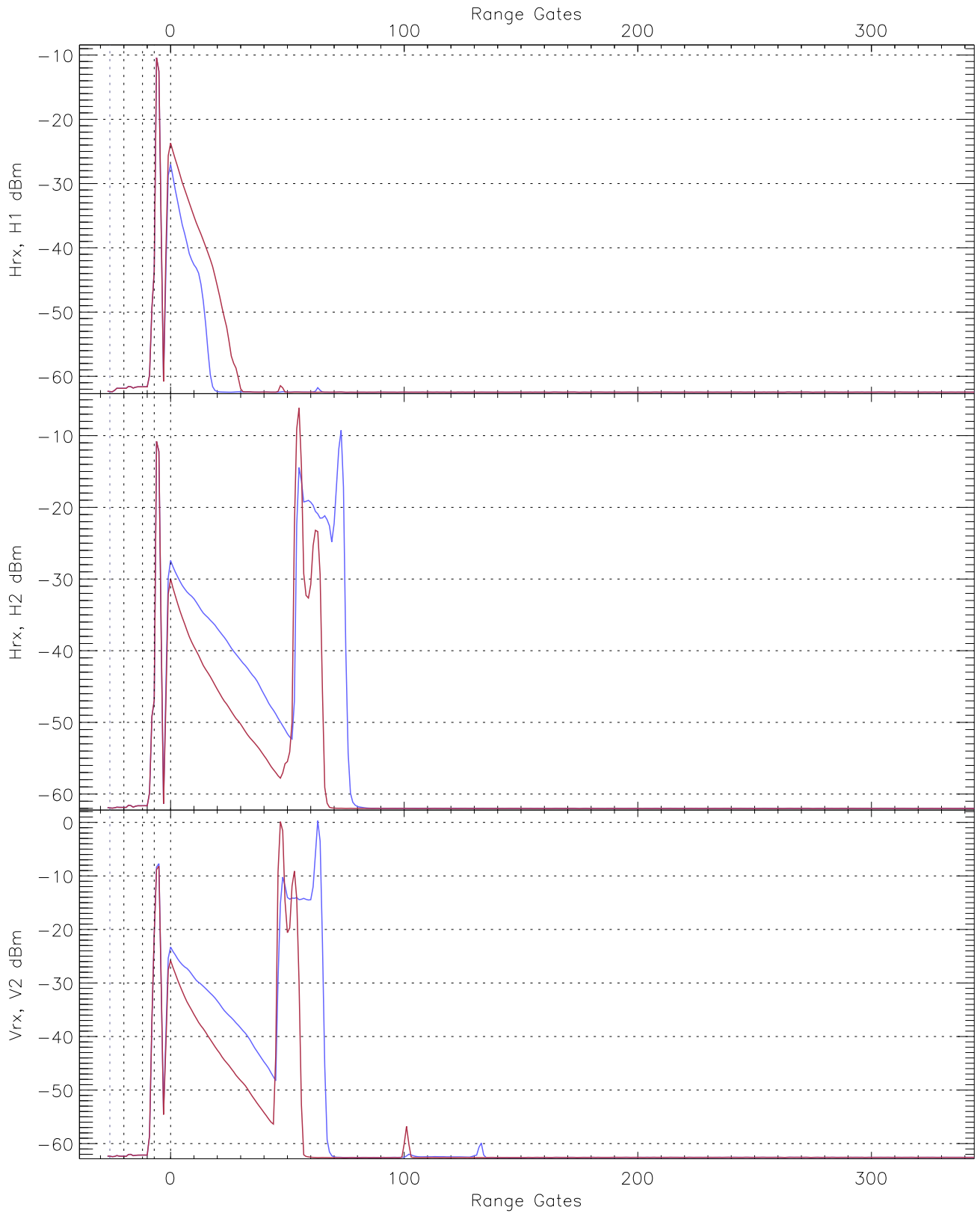
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.24	-61.53	-62.36	-62.37	-74.92
Hrx, H2 (RM [dBm])	-62.85	-61.01	-61.93	-61.93	-74.46
Vrx, V2 (RM [dBm])	-63.27	-61.41	-62.34	-62.35	-74.85



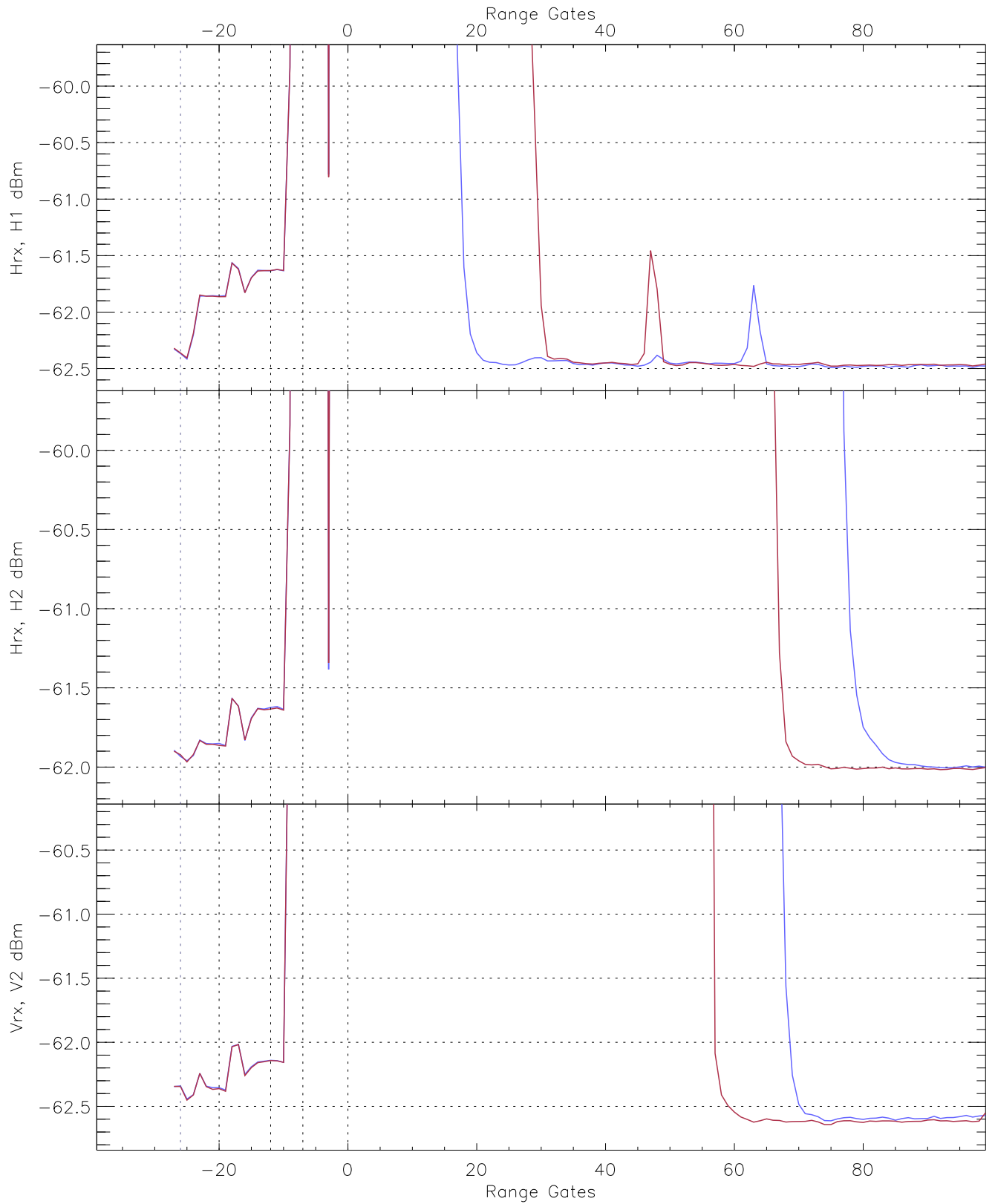
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG175_0 [dBm]	-63.43	-61.57	-62.48	-62.49	-75.10
H2RG175_0 [dBm]	-62.93	-61.27	-62.03	-62.04	-74.65
V2RG75_0 [dBm]	-63.52	-61.73	-62.63	-62.64	-75.07

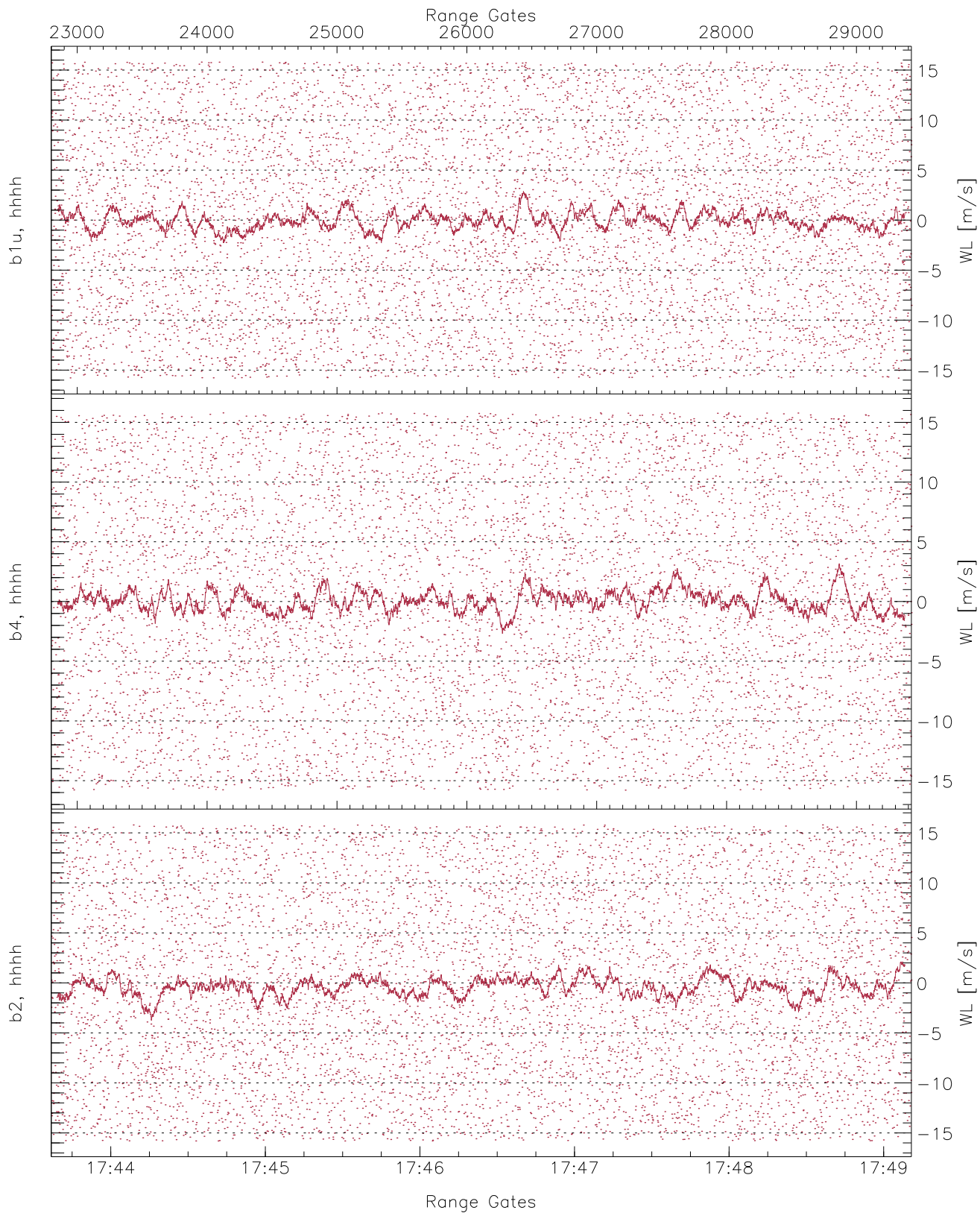


WCR2 CPP Averaged Received power for all recorded gates  
blue: 174337-174624, 3313 profiles averaged  
red: 174624-174911, 3312 profiles averaged

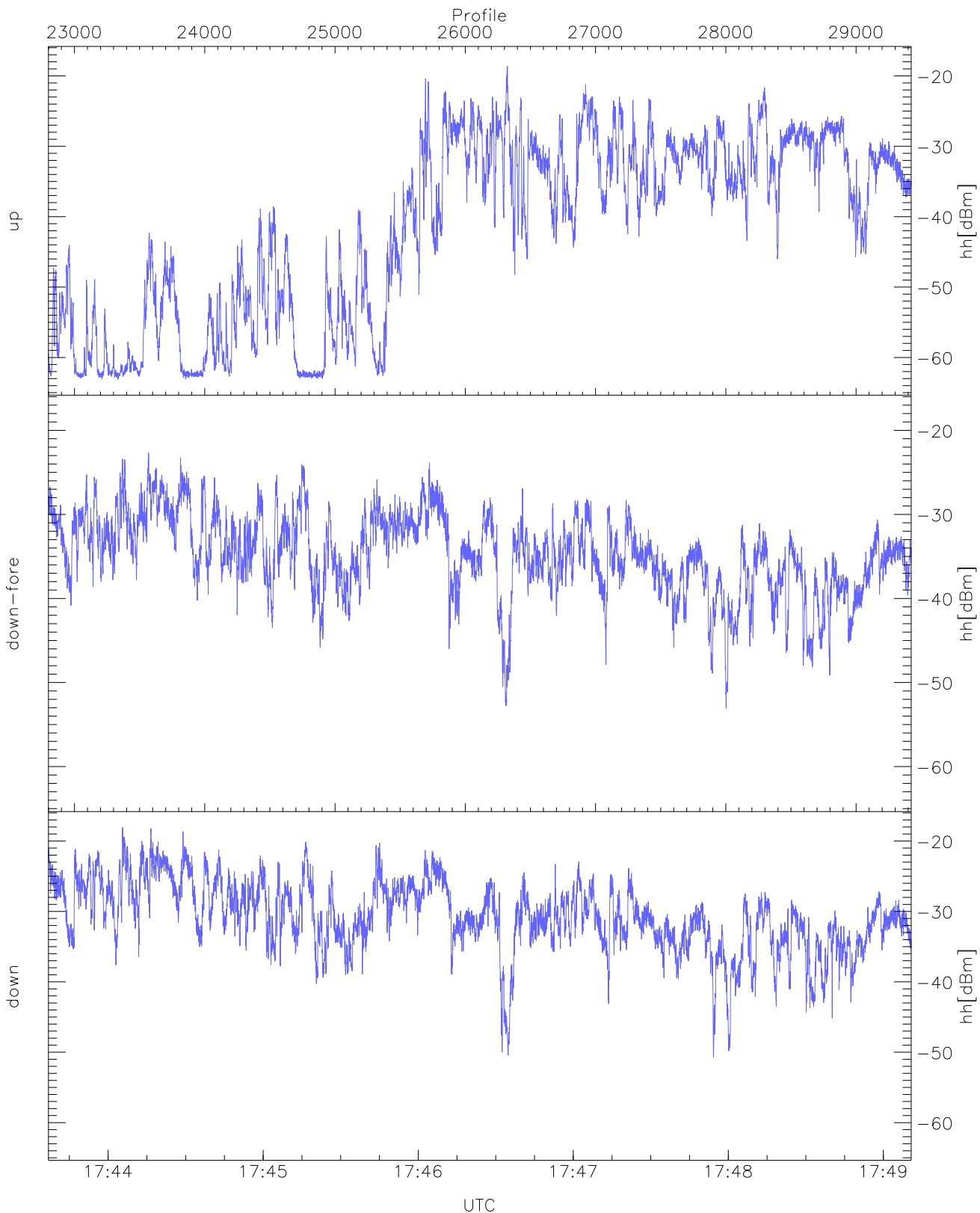




WCR2 CPP Averaged Received power for the negative gates and up to 100 gates  
blue: 174337-174624, 3313 profiles averaged  
red: 174624-174911, 3312 profiles averaged

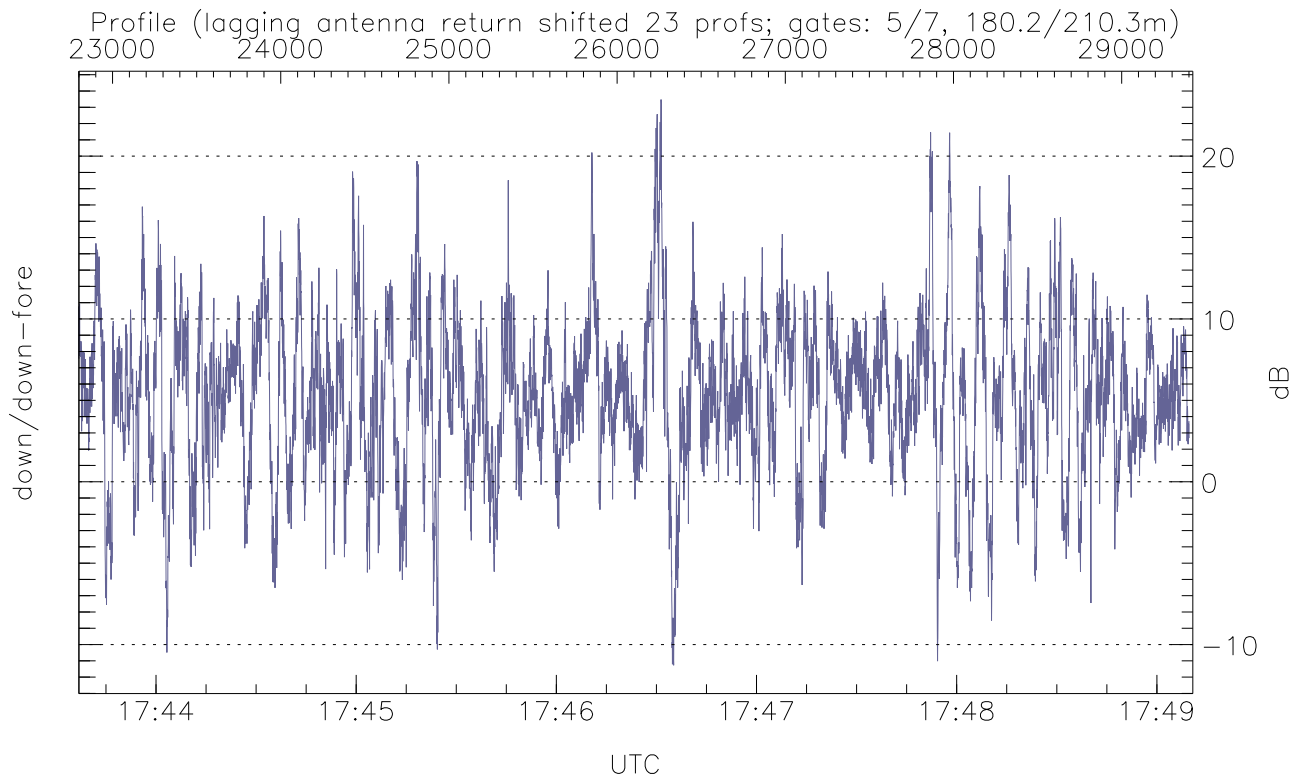
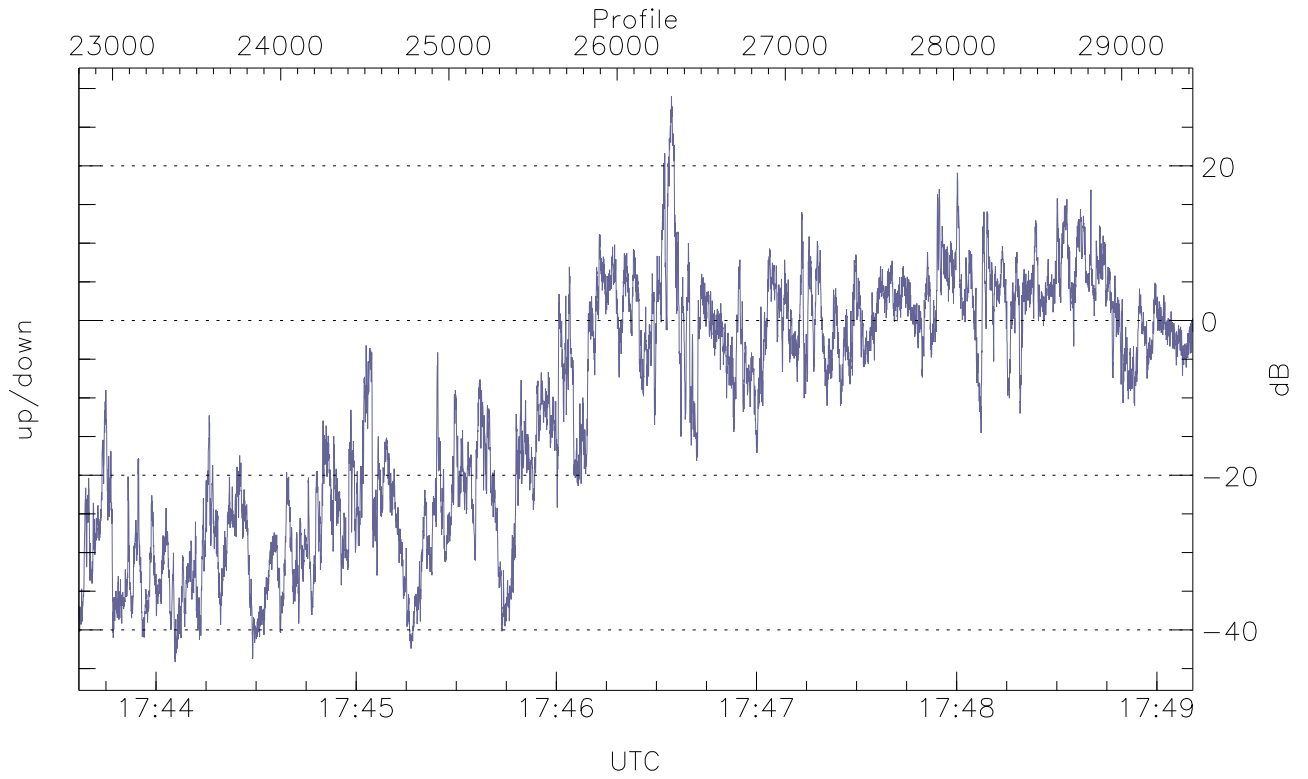


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



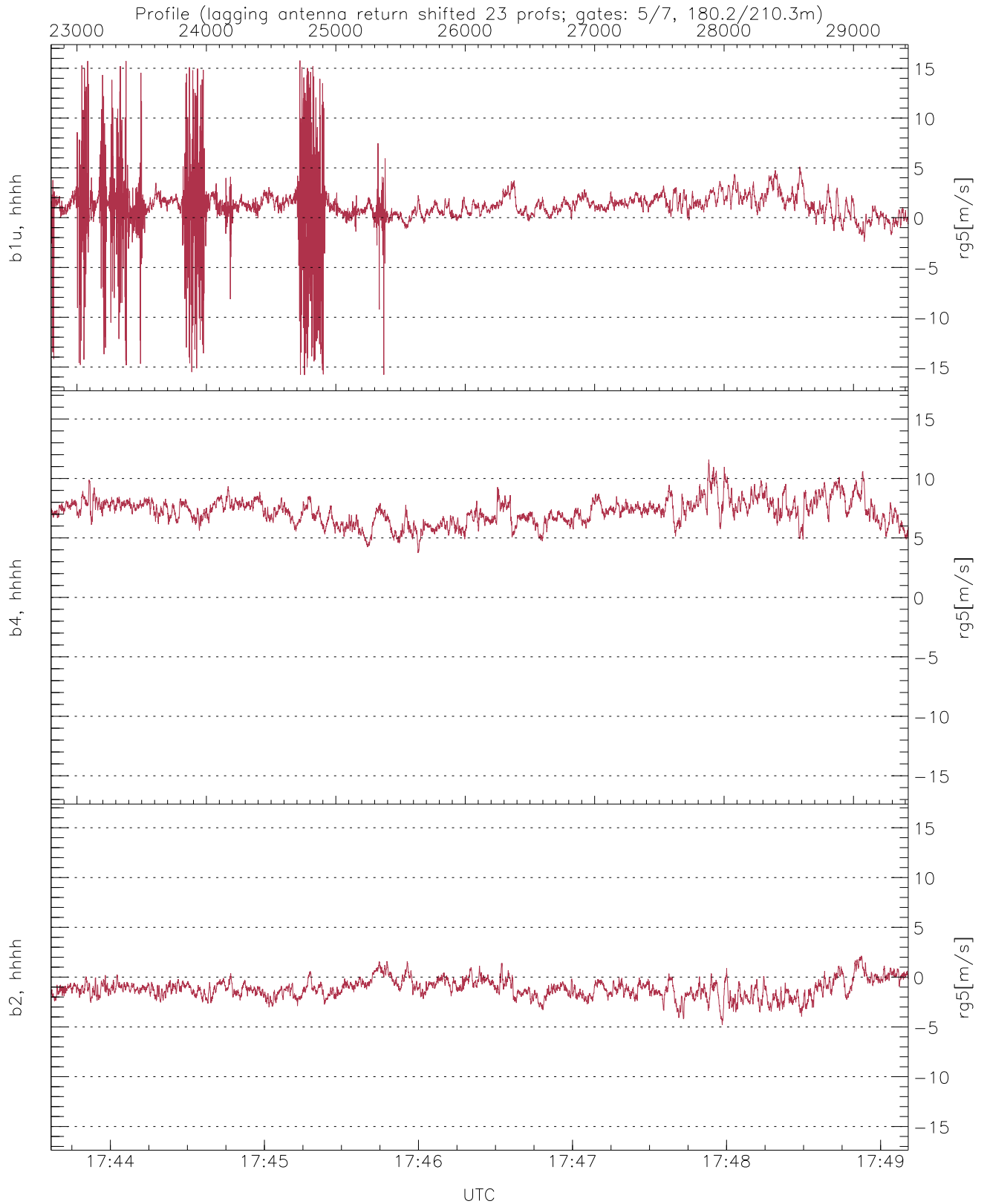
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.10	-18.59	-31.99
down-fore(hh[dBm])	-53.09	-22.68	-32.58
down(hh[dBm])	-50.74	-18.06	-28.38



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

	Min	Max	Mean
up/down (dB)	-44.16	28.99	-11.04
down/down-fore (dB)	-11.27	23.48	5.35



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.78	1.14	2.61
b4, hhhh(rg5[m/s])	3.74	11.60	7.21	1.08
b2, hhhh(rg5[m/s])	-4.81	2.14	-1.14	0.94