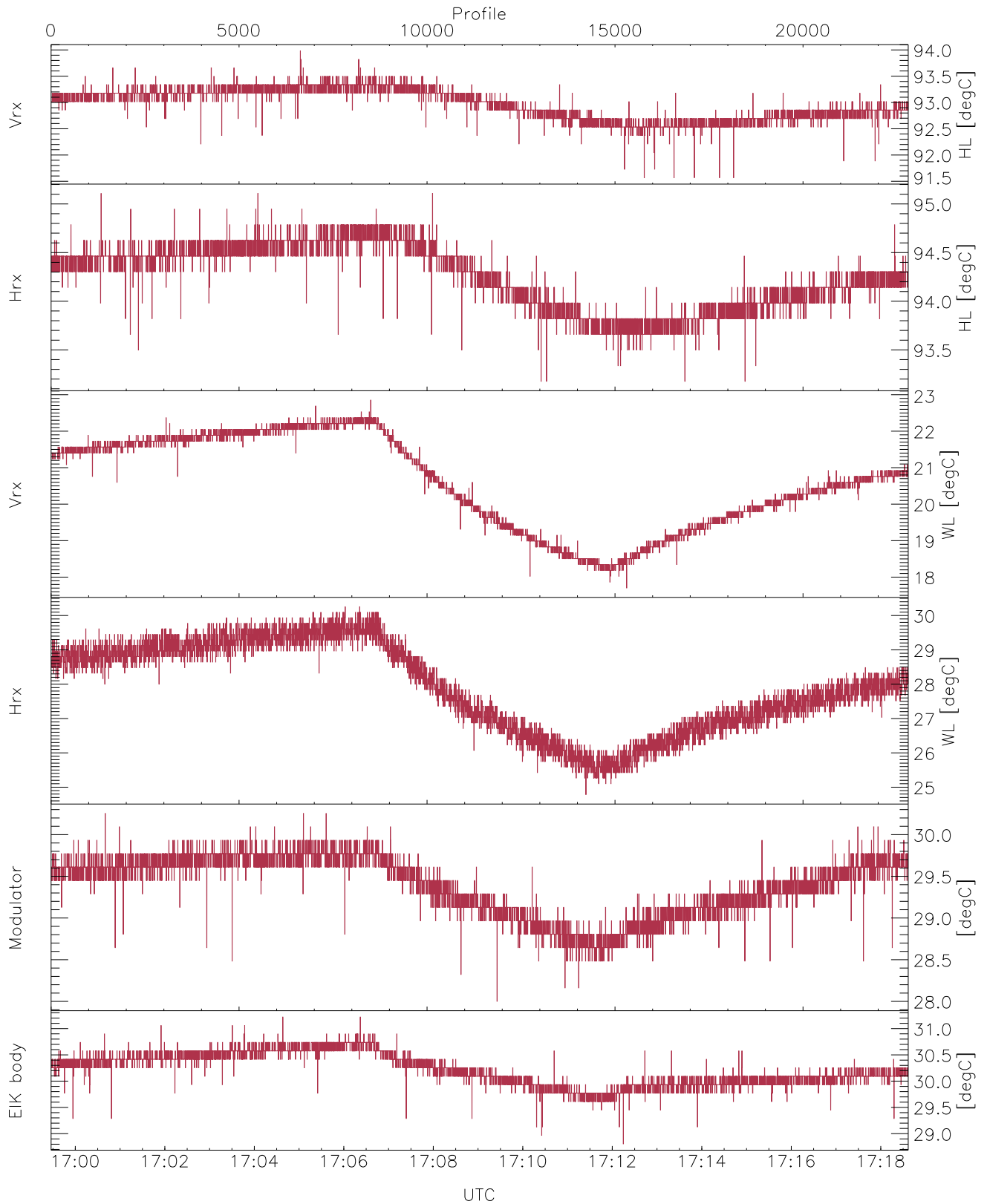


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

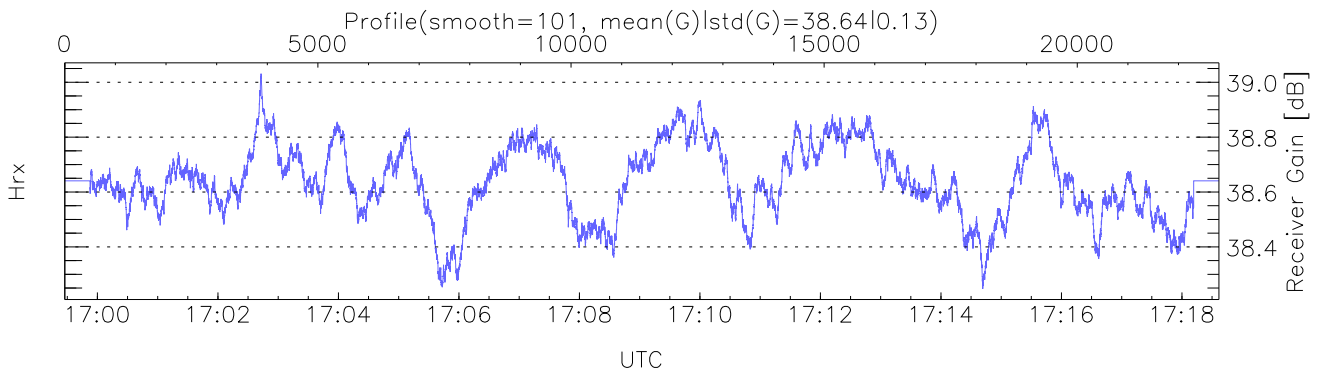
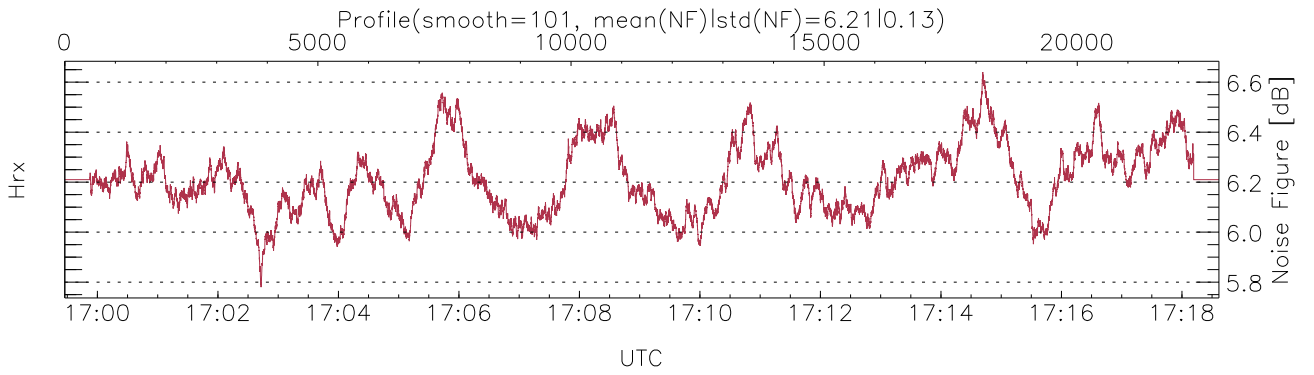
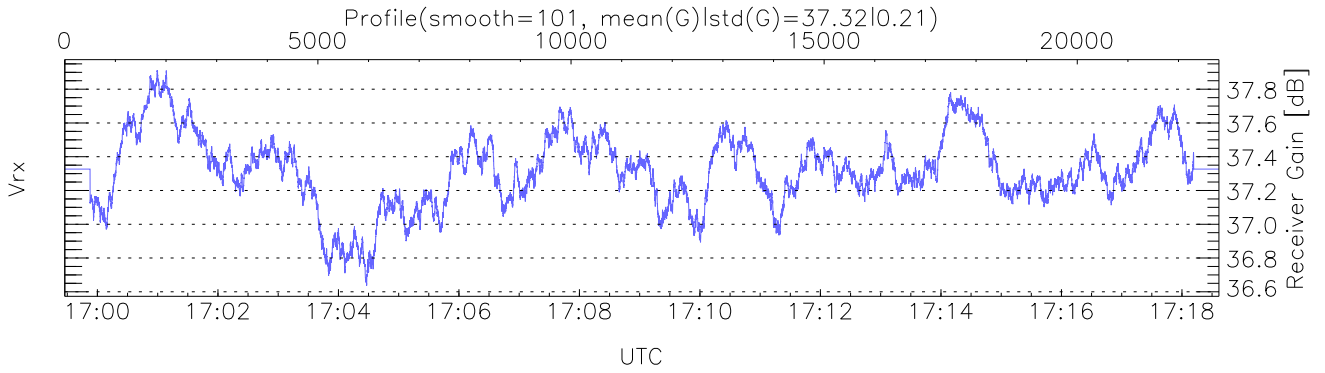
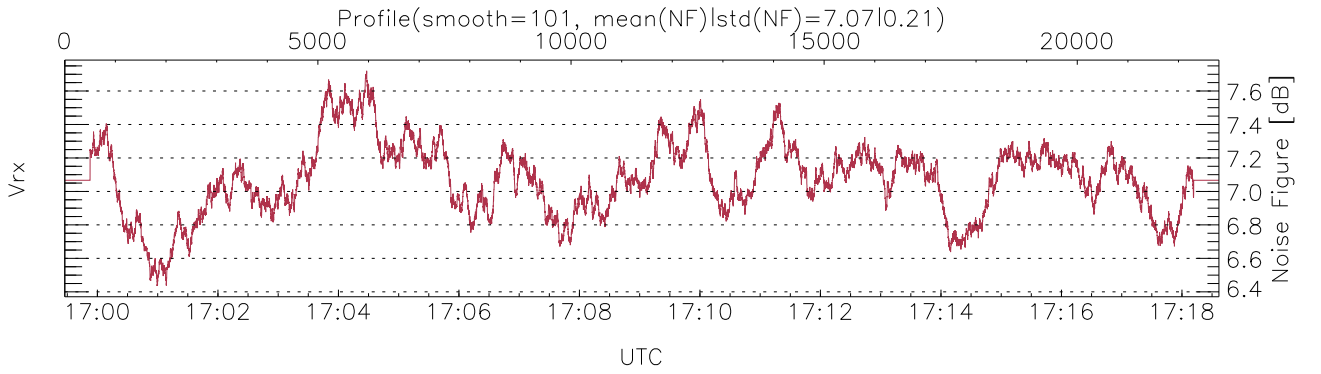
UTC: 16:59:27-17:24:36, Dur: 1508.85s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/29931, 0-22799/16:59:27-17:18:37
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

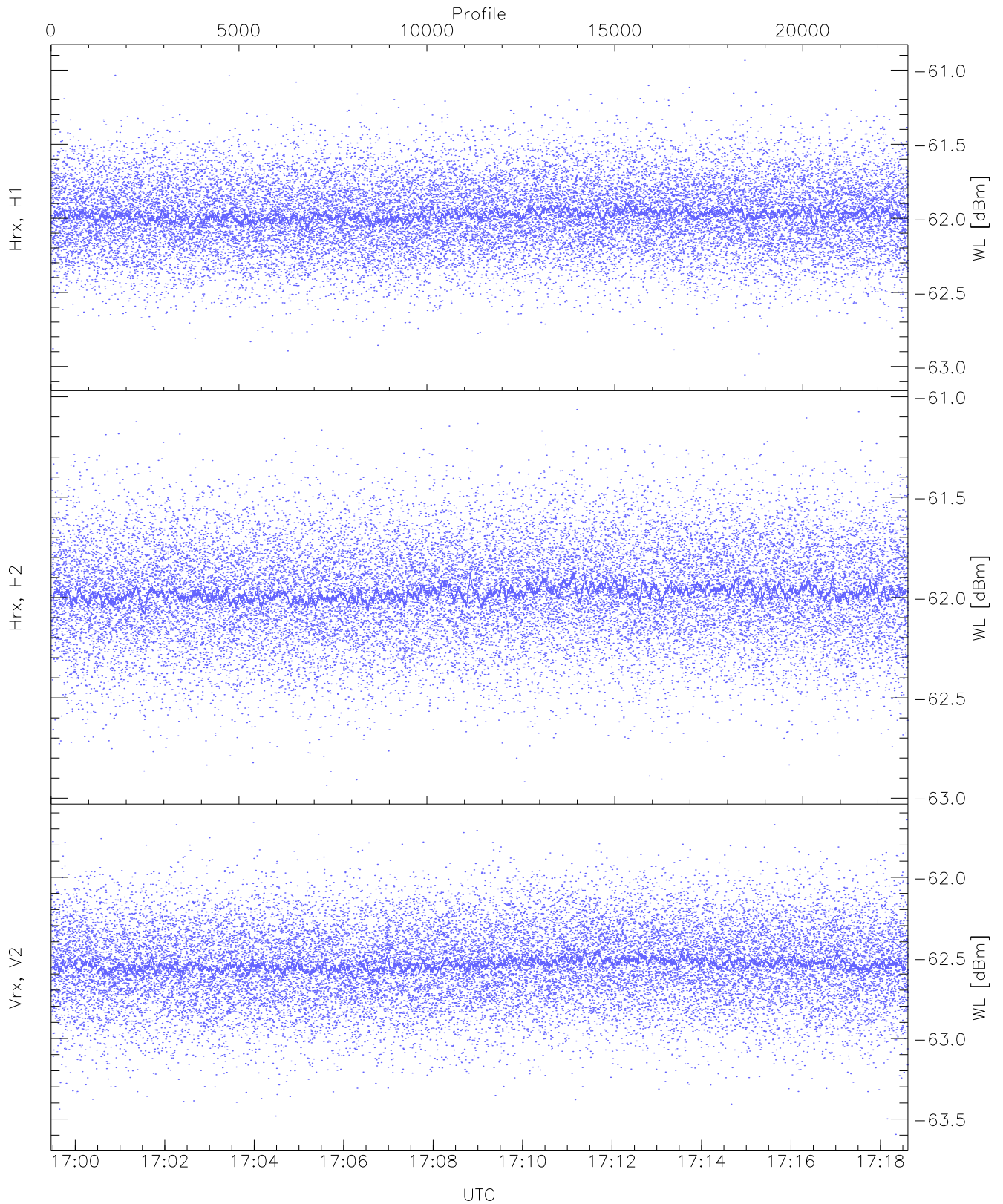
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,93,17,24,28,28
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,95,22,30,30,31
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (25,25,25,25,25,11)



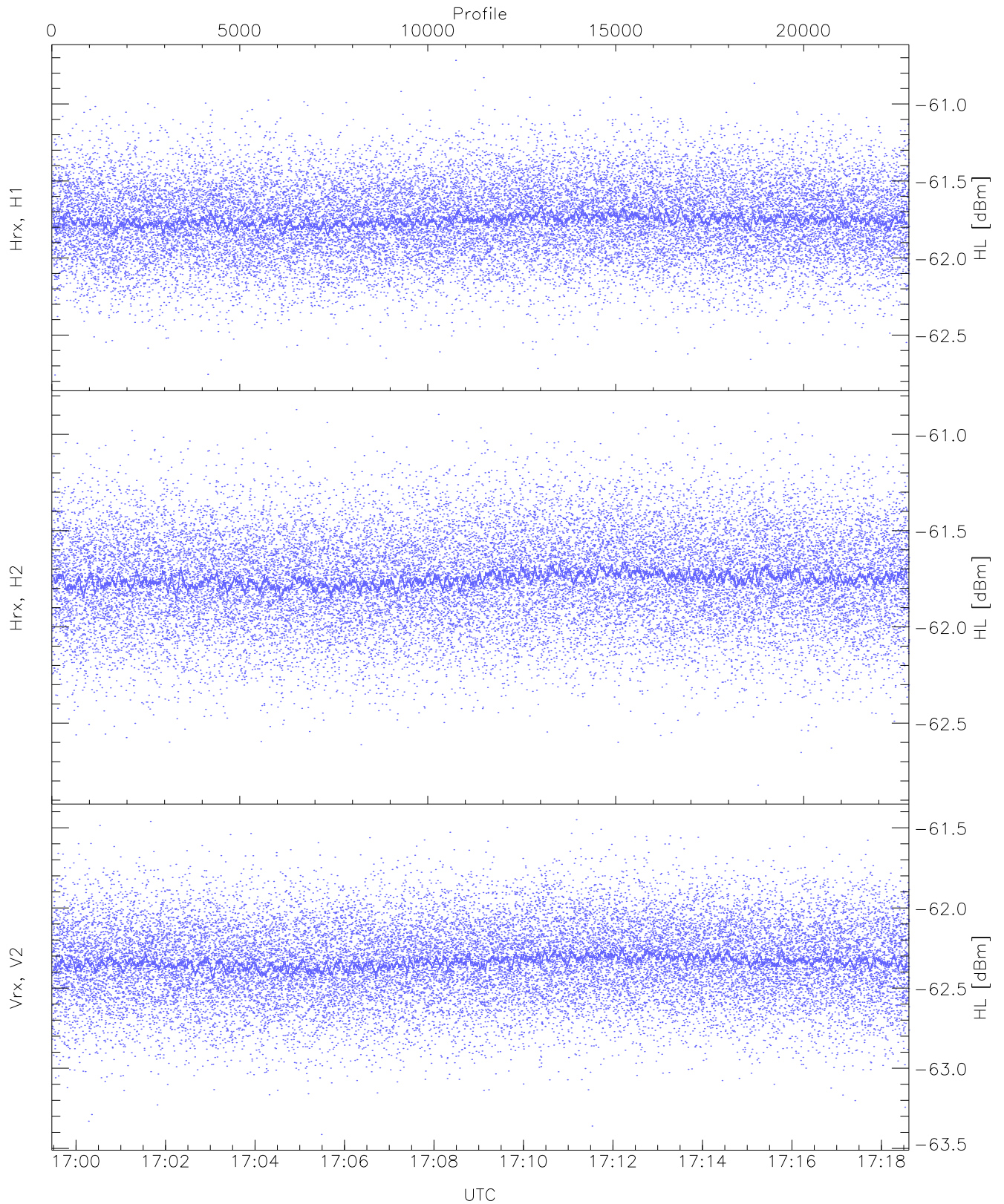
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 9257 pixs, 33 gates, 9210 profs, 2 prods



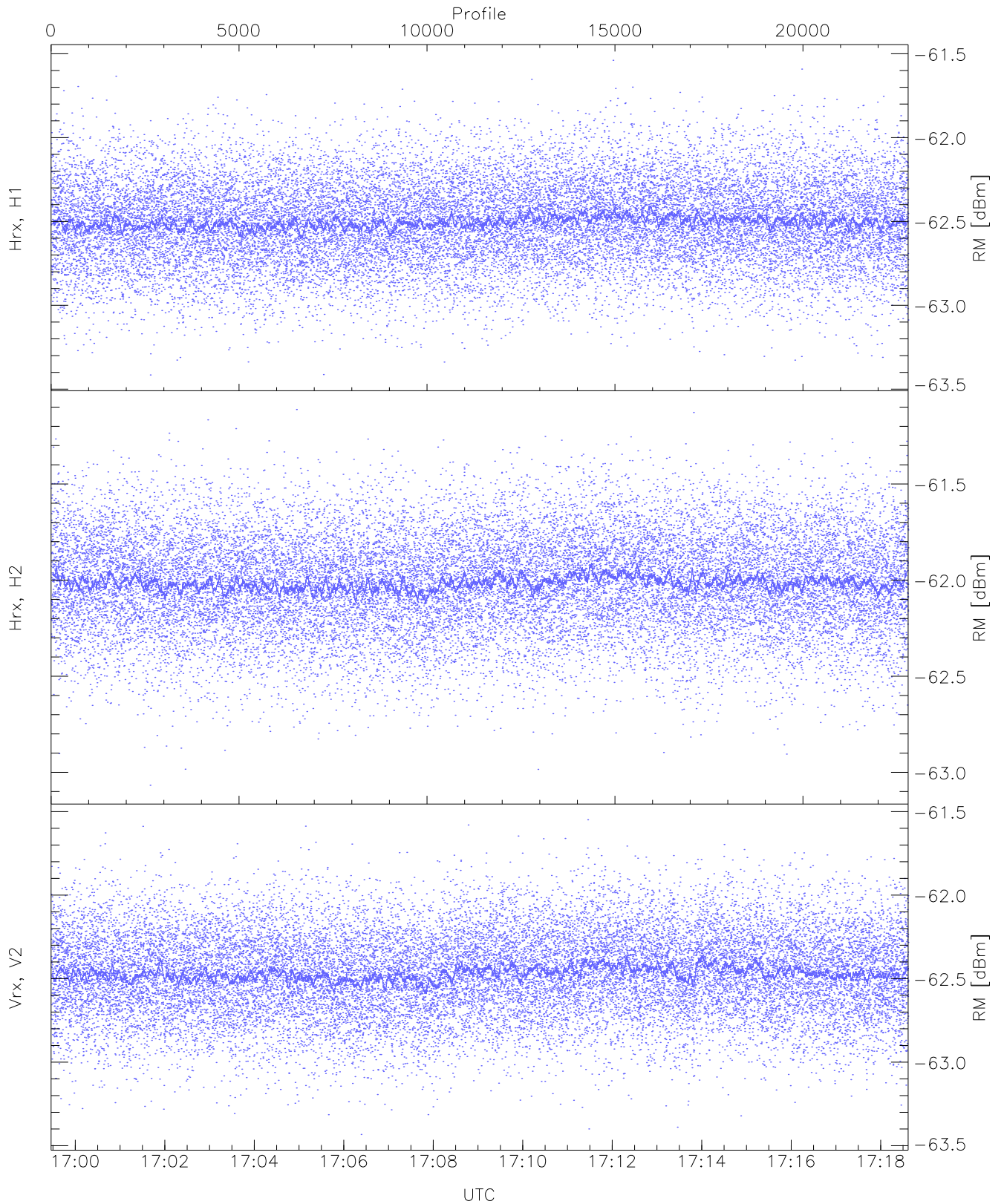
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-63.06	-60.93	-61.97	-61.98	-74.55
Hrx, H2(WL [dBm])	-62.94	-61.06	-61.97	-61.98	-74.51
Vrx, V2(WL [dBm])	-63.60	-61.64	-62.54	-62.54	-75.08



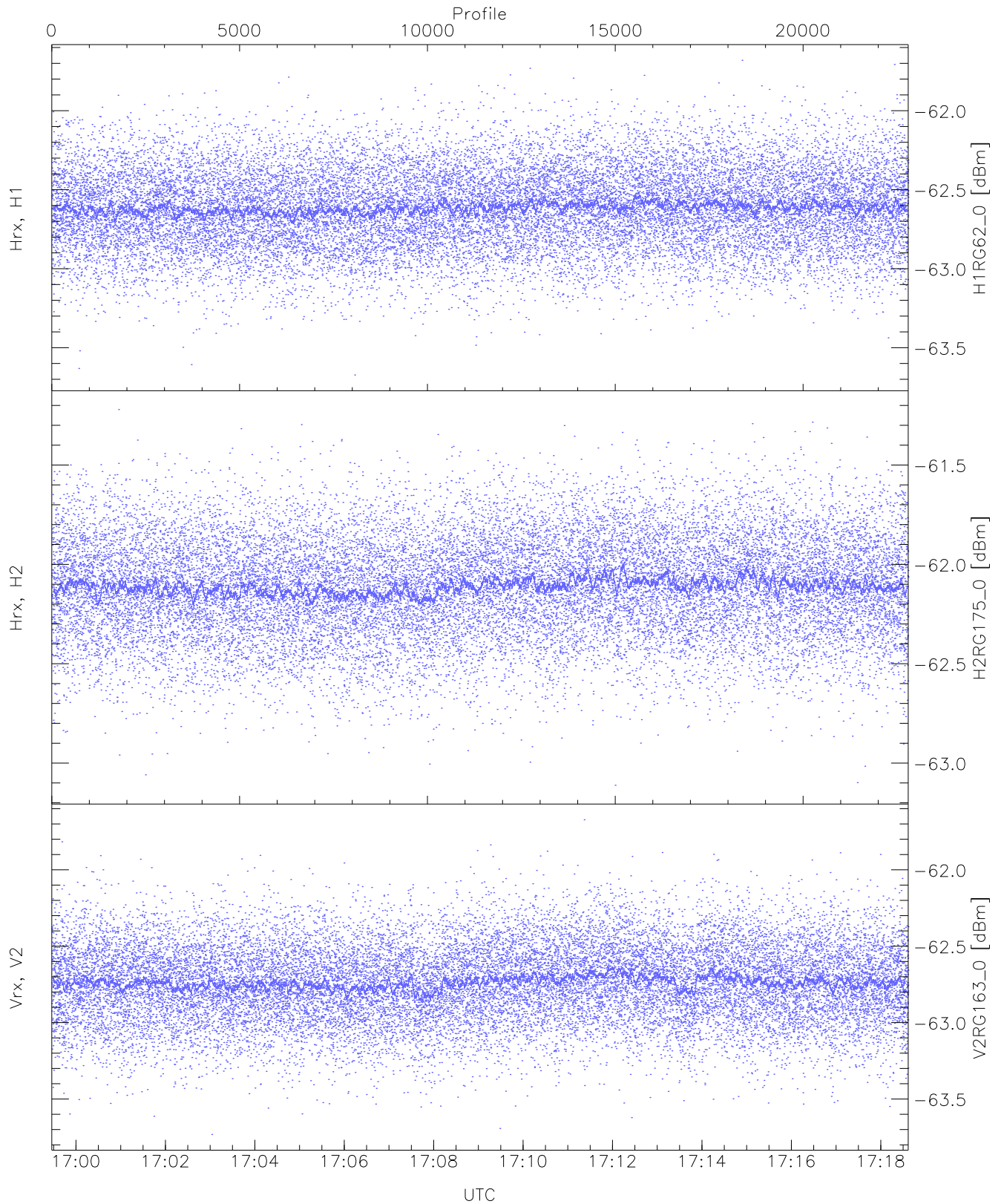
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.76	-60.72	-61.75	-61.76	-74.32
Hrx, H2 (HL [dBm])	-62.82	-60.87	-61.75	-61.75	-74.30
Vrx, V2 (HL [dBm])	-63.41	-61.45	-62.33	-62.34	-74.85



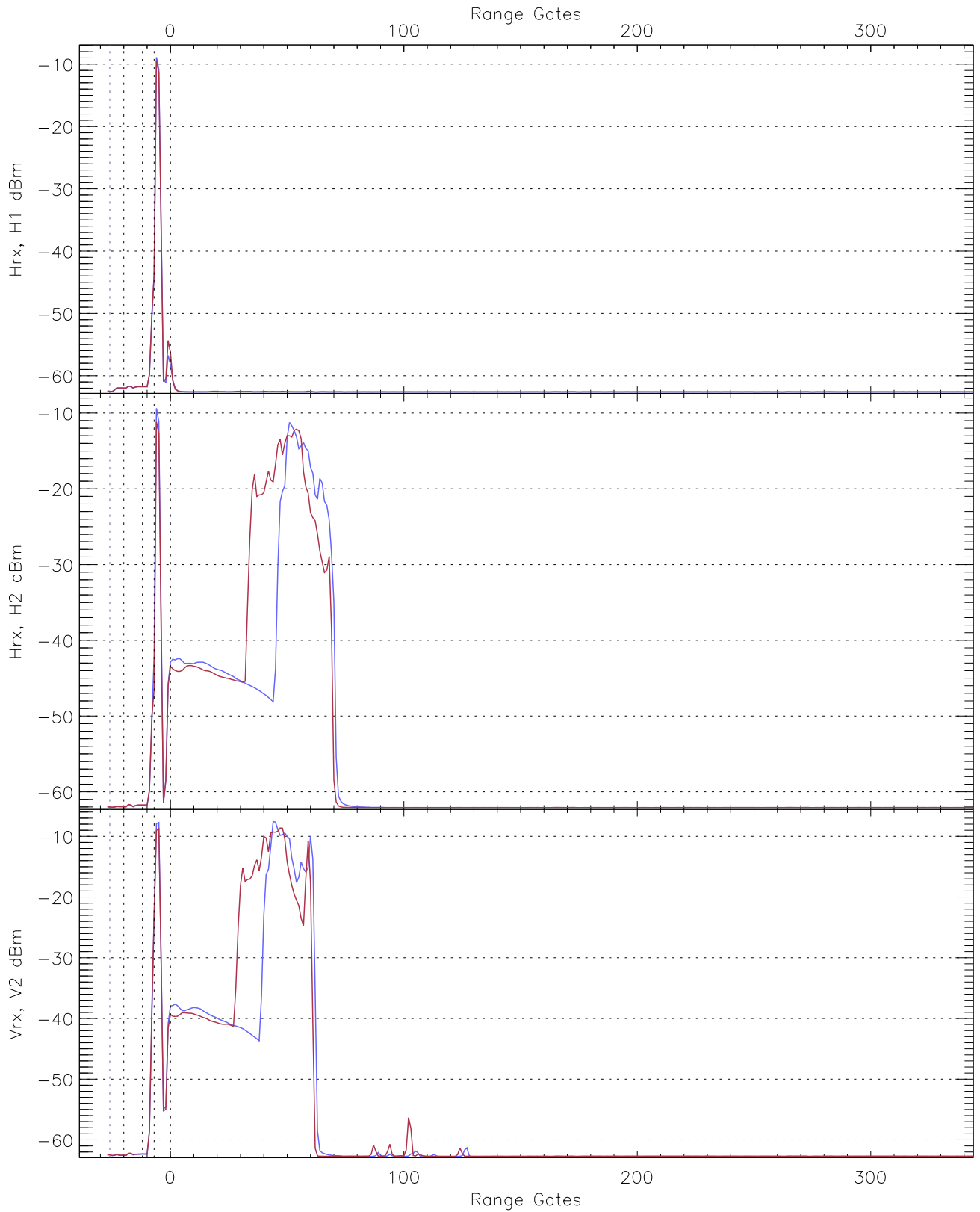
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(RM [dBm])	-63.42	-61.54	-62.50	-62.50	-75.07
Hrx, H2(RM [dBm])	-63.07	-61.11	-62.01	-62.01	-74.56
Vrx, V2(RM [dBm])	-63.43	-61.55	-62.46	-62.47	-74.99

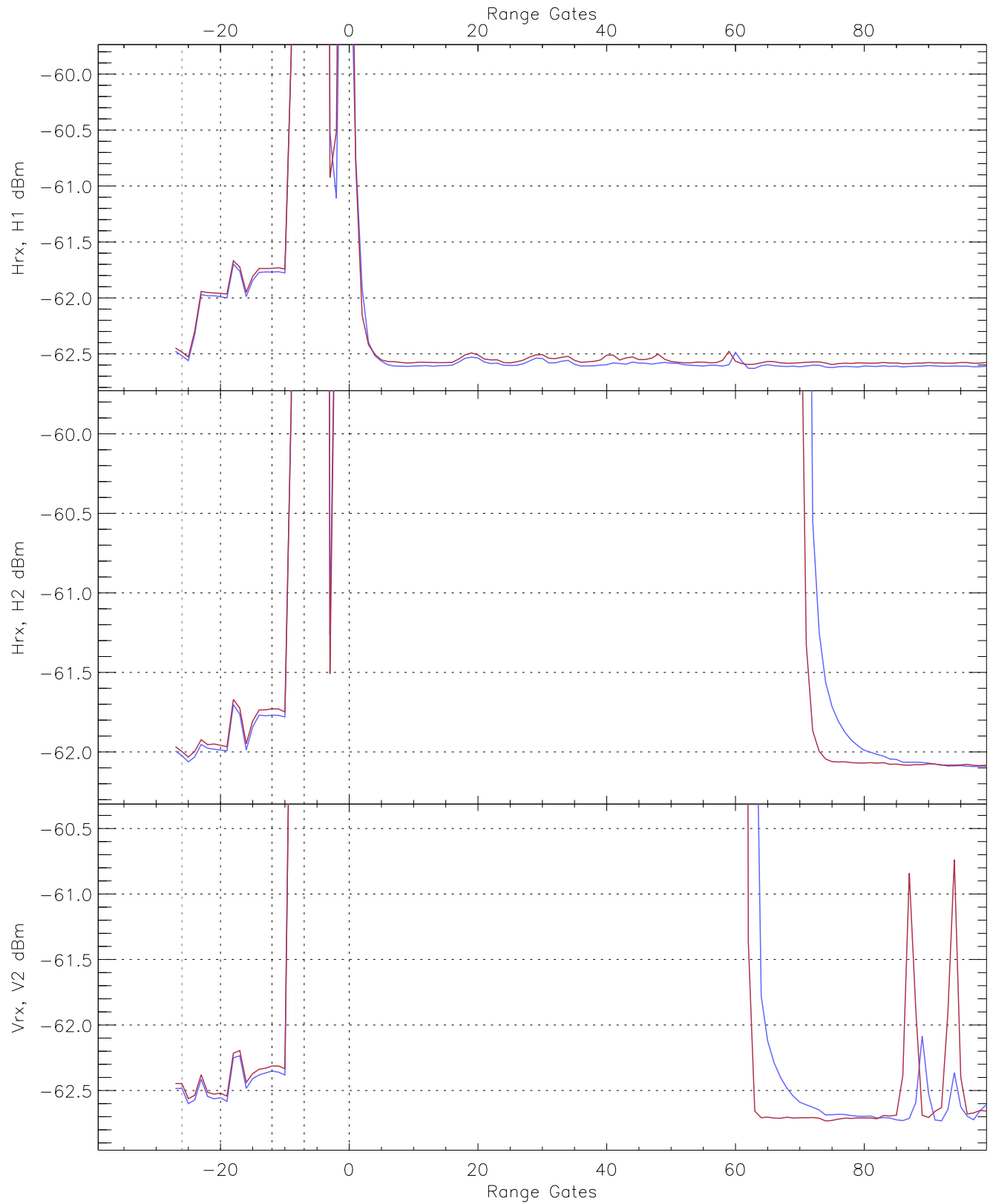


WCR2 CPP "Best" estimate Receivers Noise Power

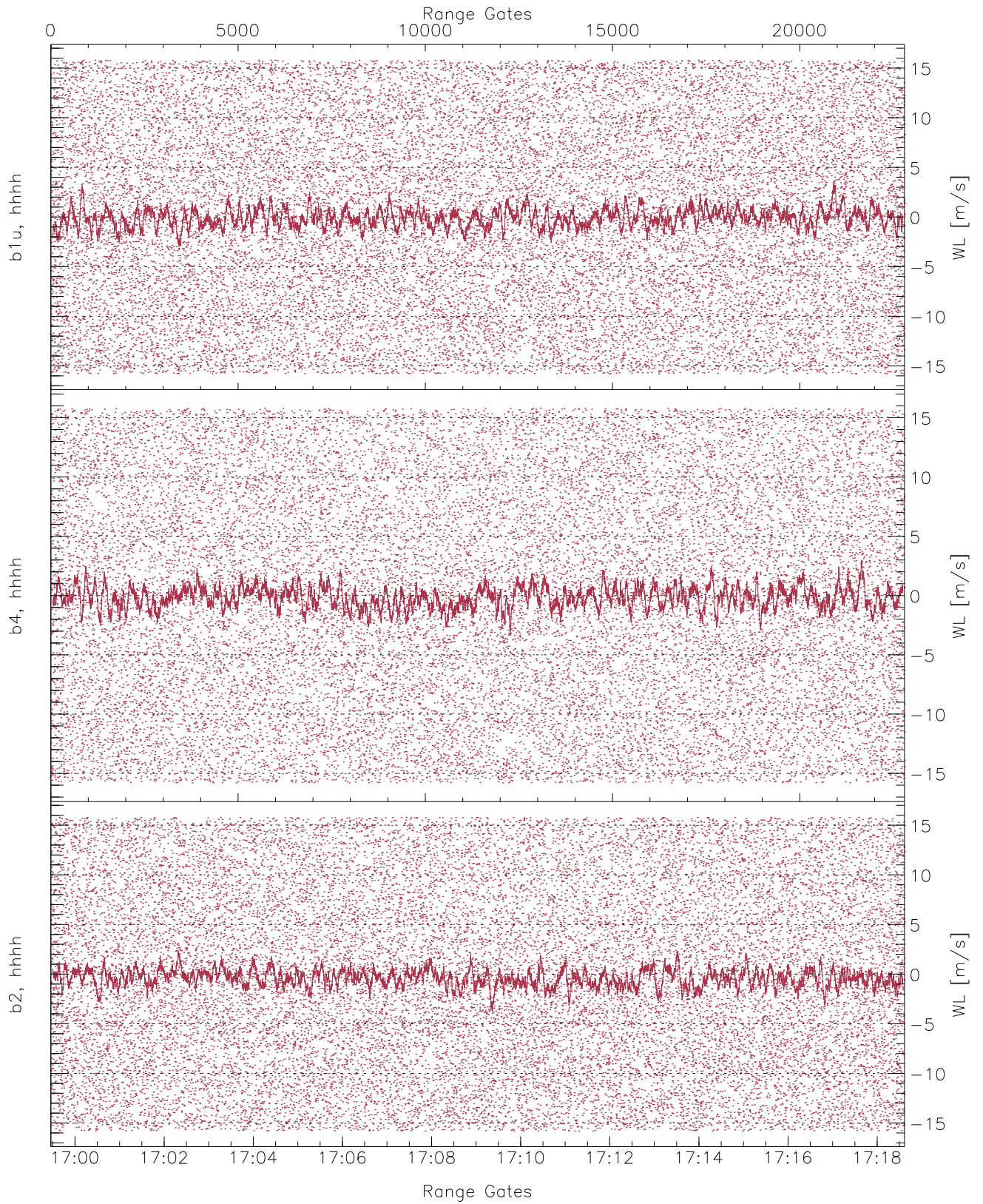
	Min	Max	Mean	Median	StDev
H1RG62_0 [dBm]	-63.67	-61.68	-62.61	-62.62	-75.15
H2RG175_0 [dBm]	-63.11	-61.22	-62.11	-62.11	-74.68
V2RG163_0 [dBm]	-63.73	-61.67	-62.73	-62.74	-75.26



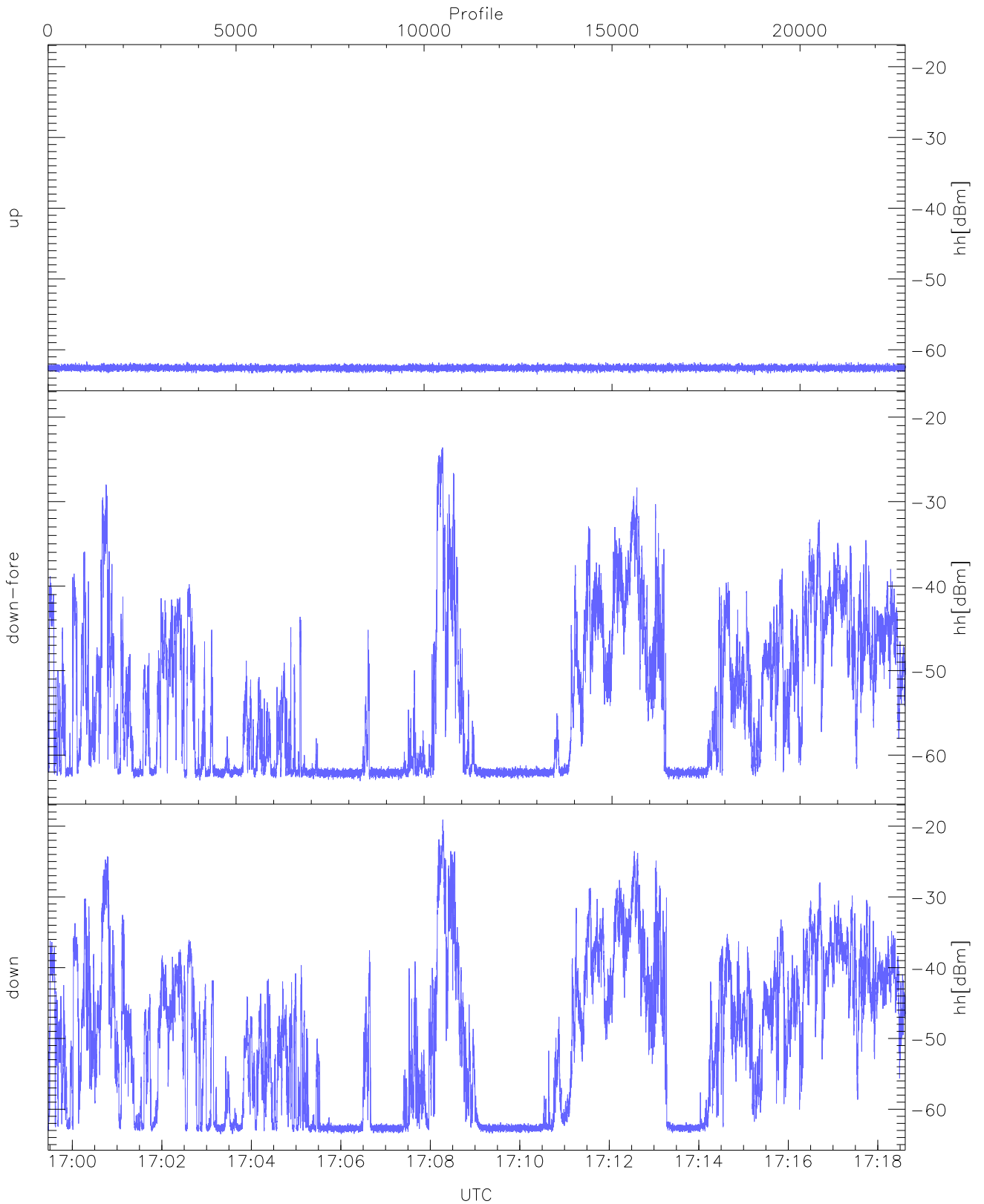
WCR2 CPP Averaged Received power for all recorded gates
blue: 165927-170902, 11401 profiles averaged
red: 170902-171837, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 165927-170902, 11401 profiles averaged
red: 170902-171837, 11400 profiles averaged

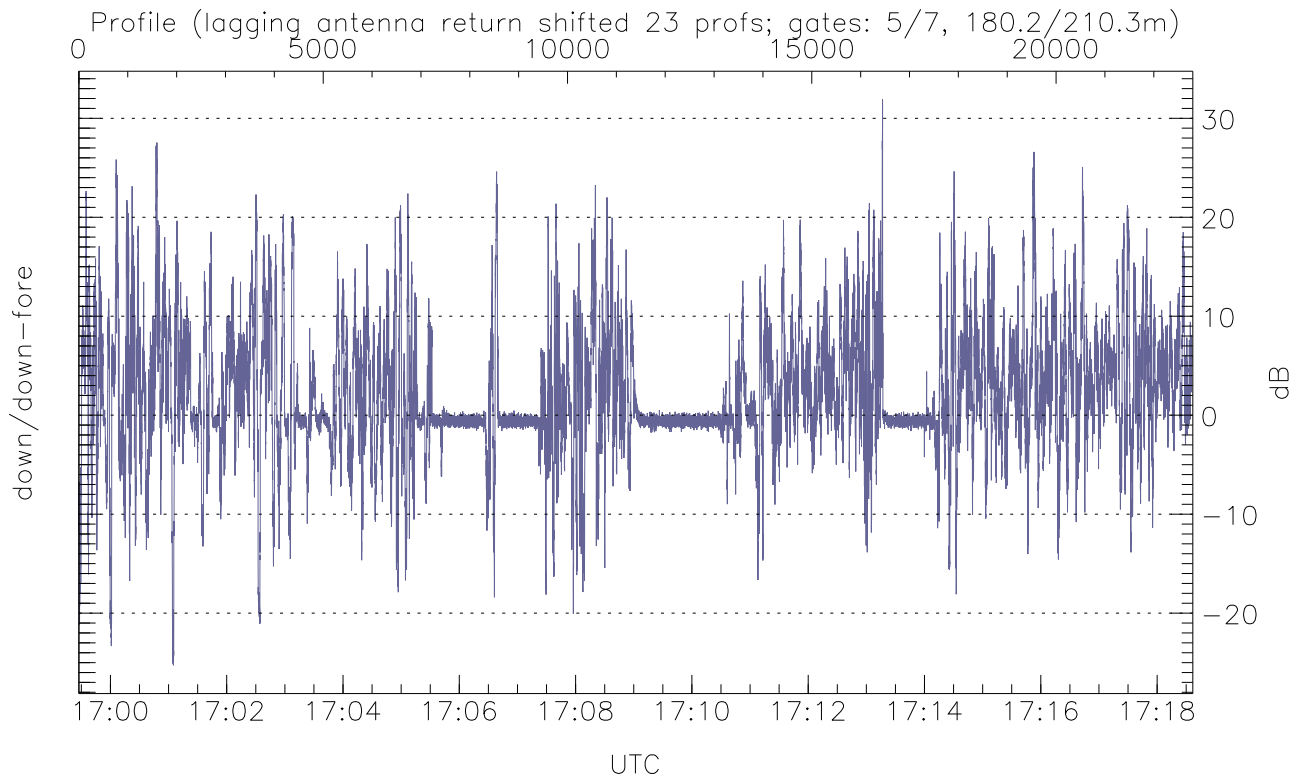
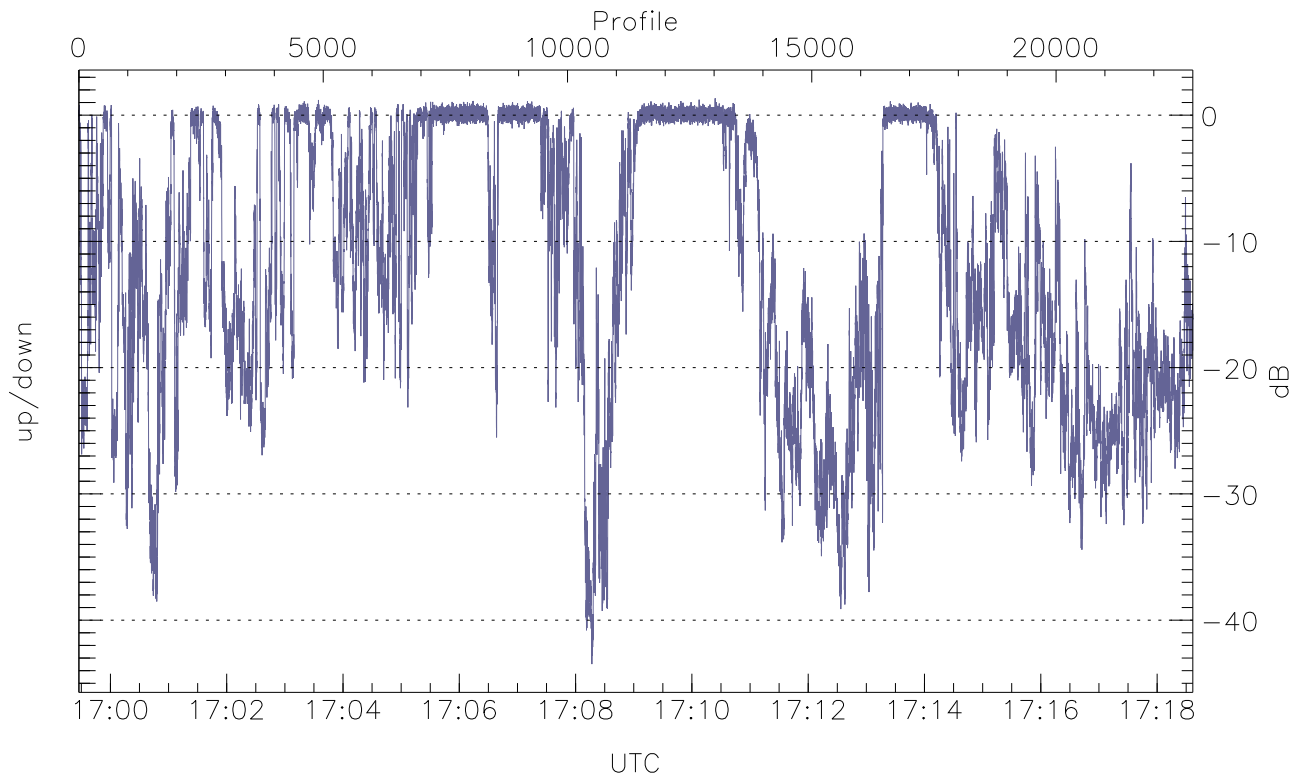


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



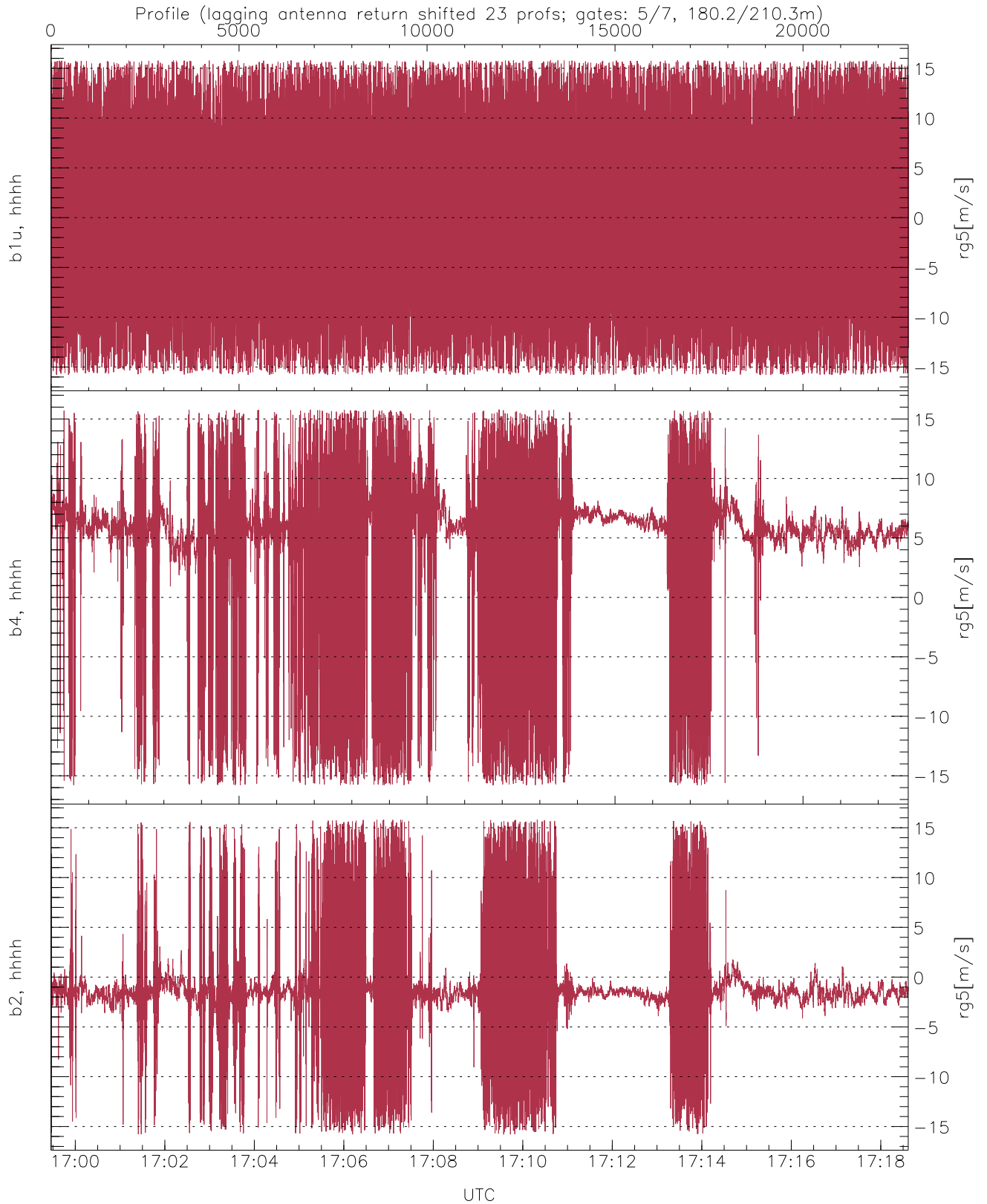
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.57	-61.64	-62.56
down-fore(hh[dBm])	-63.08	-23.59	-43.29
down(hh[dBm])	-63.54	-19.10	-38.88



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

	Min	Max	Mean
up/down (dB)	-43.48	1.33	-11.65
down/down-fore (dB)	-25.27	31.90	2.19



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.20	8.85
b4, hhhh(rg5[m/s])	-15.80	15.80	4.03	6.07
b2, hhhh(rg5[m/s])	-15.79	15.80	-1.25	4.50