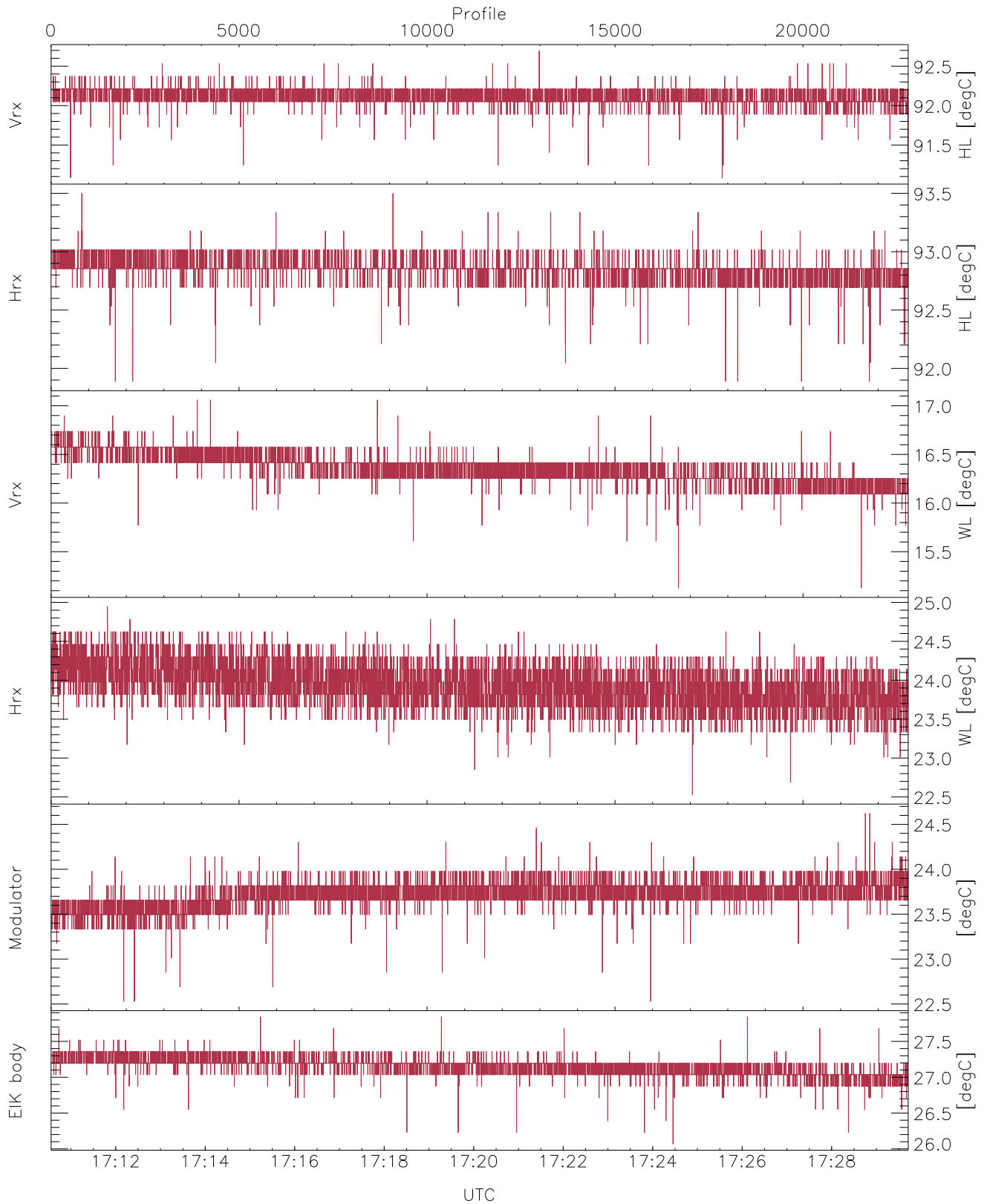


WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

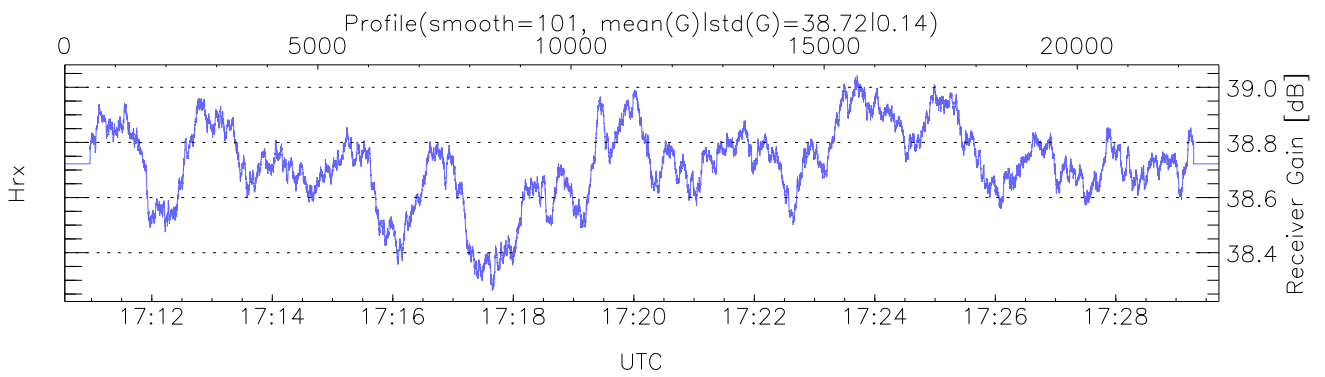
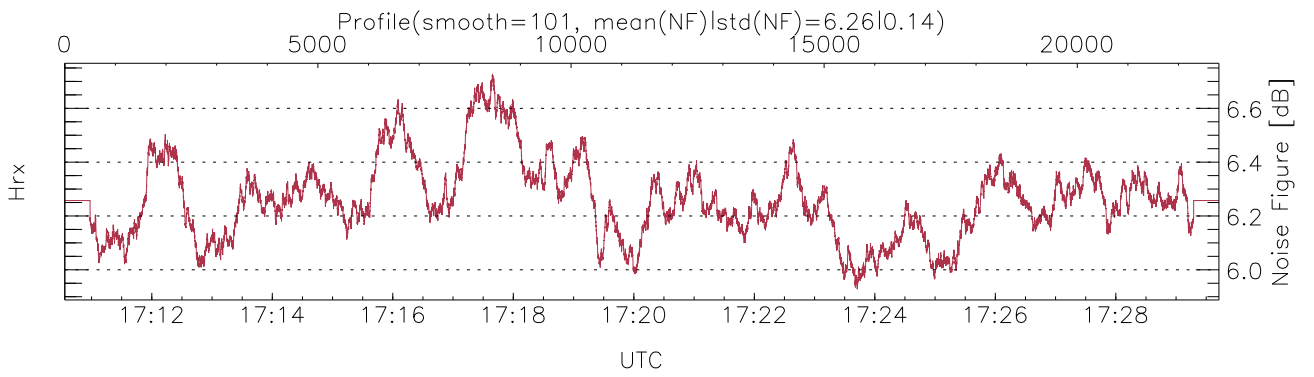
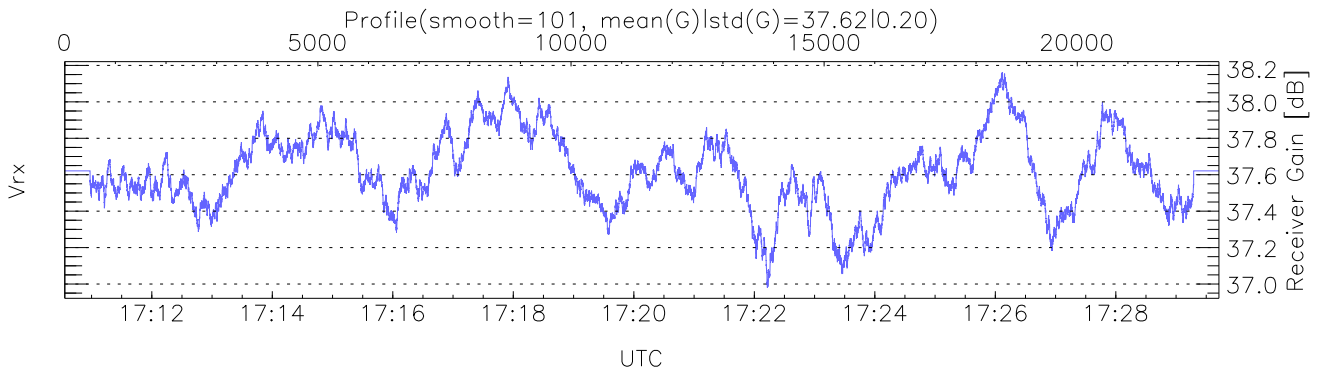
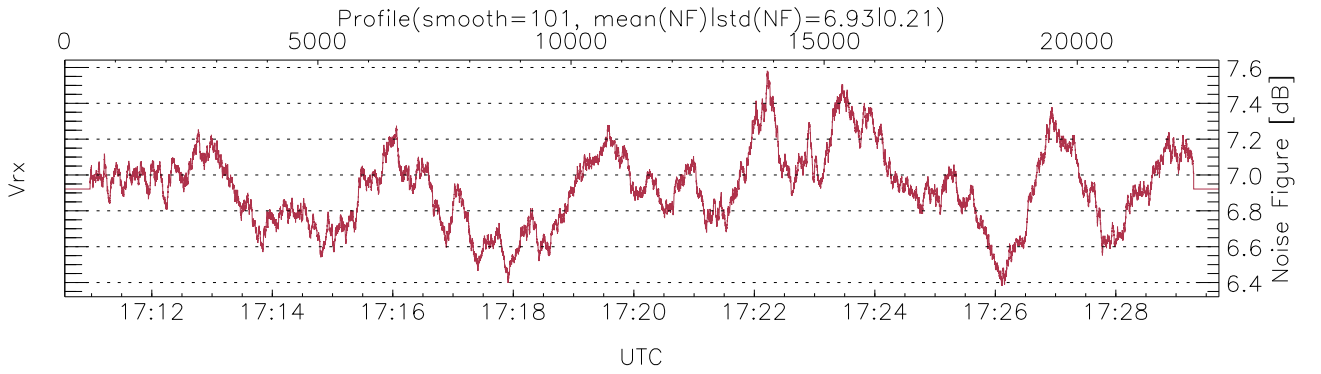
UTC: 17:10:33-18:00:03, Dur: 2969.96s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 50.4,50.4,50.4,0.0 ms / 20,20,20
 NumRec(r/t): 22800/58914, 0-22799/17:10:33-17:29:43
 AcqTime: 50.4ms, Rate: 268KB/s, Averages: 168
 Pulse: 200ns, IFF: 5.0MHz, Tx: H1 H1 H2 H2 V2 V2
 PRF: 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

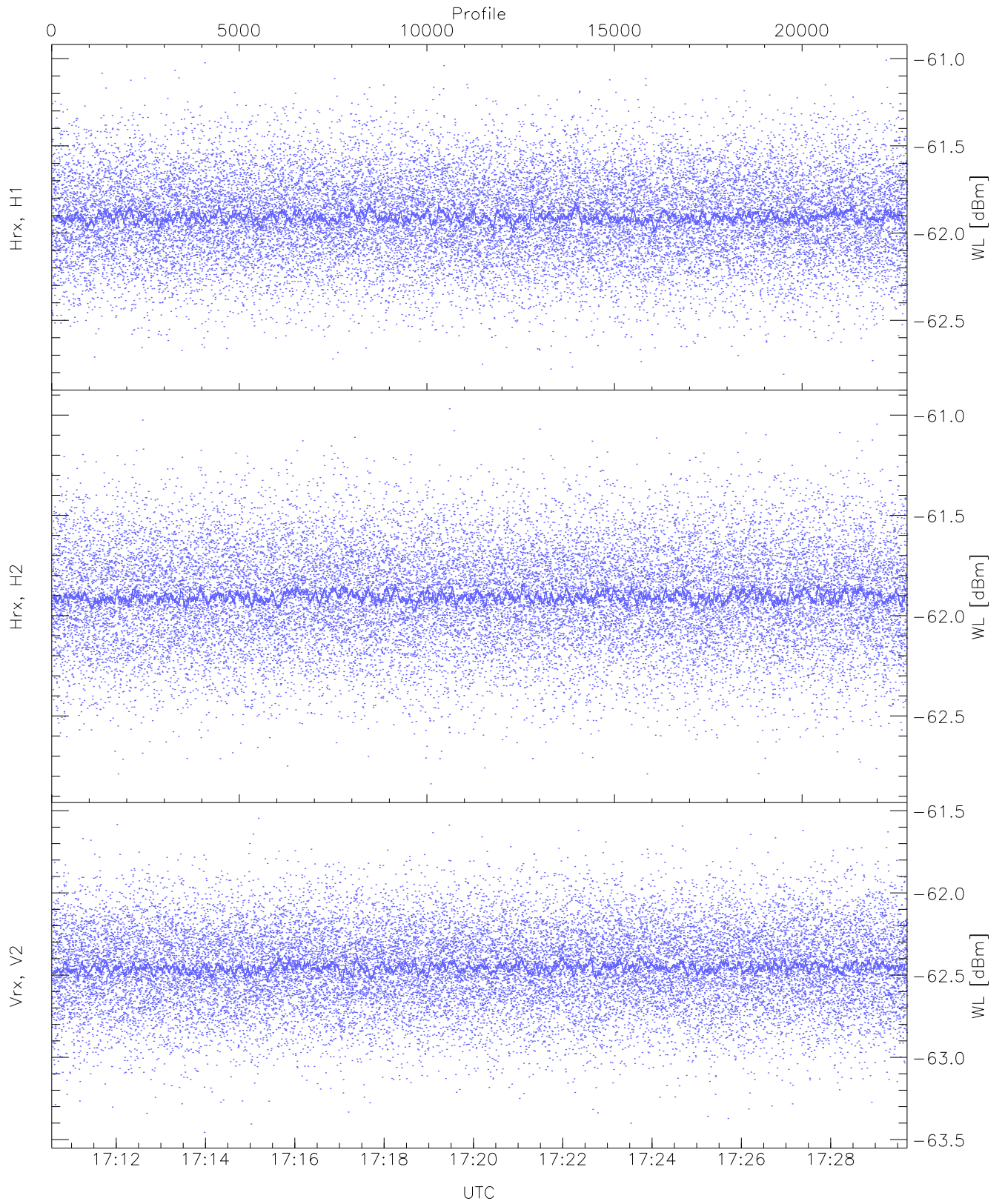
mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,91,15,22,22,26
 maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,17,24,24,27
 LOalarm(20,80,240,2.8,14.8 MHz): None

EIK Faults(# prof affected):
 DeckT,CollT,BodyCurr,DeckF,OverDuty,HVPS (10,5,15,15,10,20)



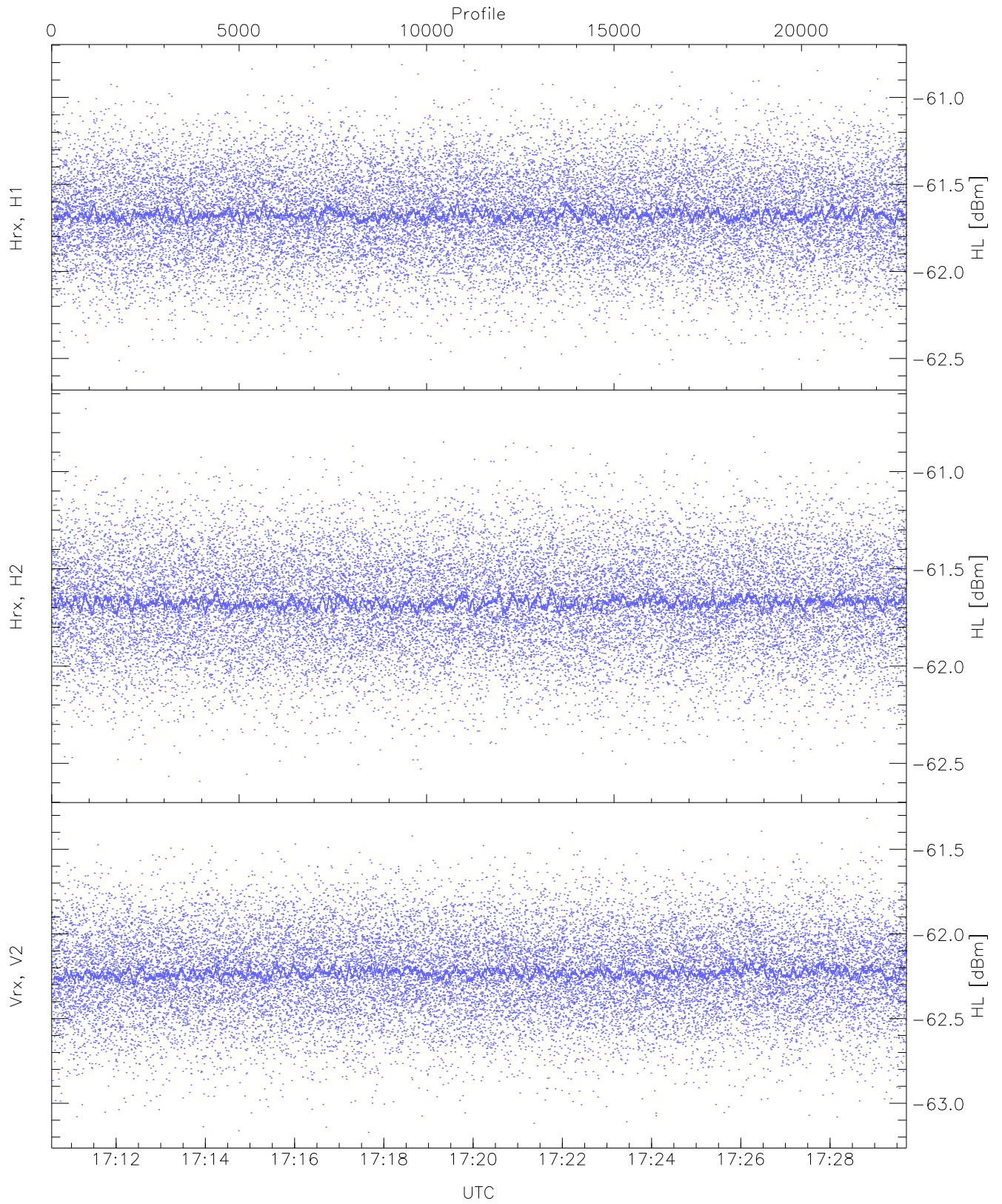
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 19302 pixs, 14 gates, 15492 profs, 1 prods



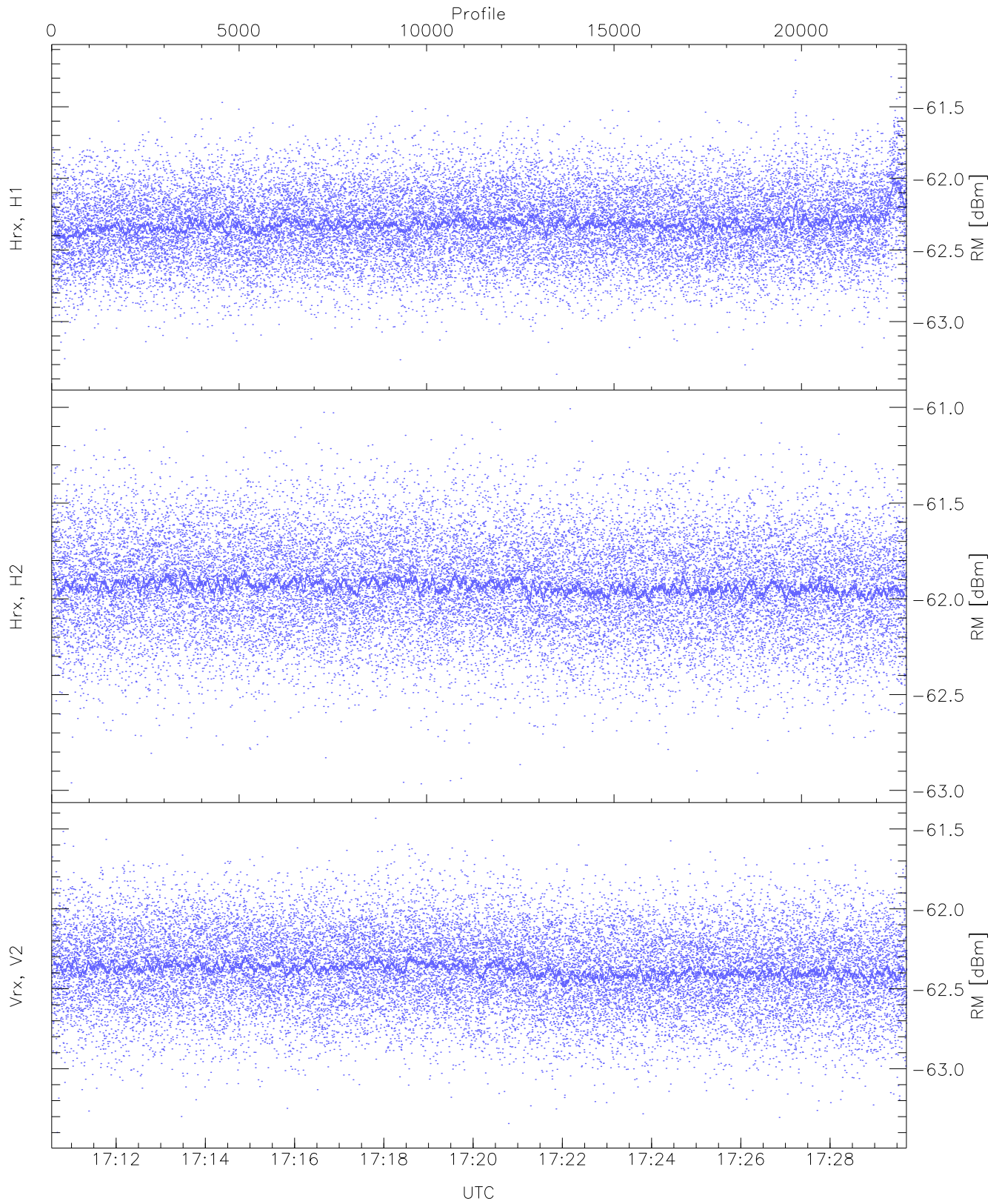
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1(WL [dBm])	-62.81	-61.01	-61.90	-61.91	-74.48
Hrx, H2(WL [dBm])	-62.84	-60.97	-61.90	-61.91	-74.46
Vrx, V2(WL [dBm])	-63.46	-61.55	-62.45	-62.45	-74.98



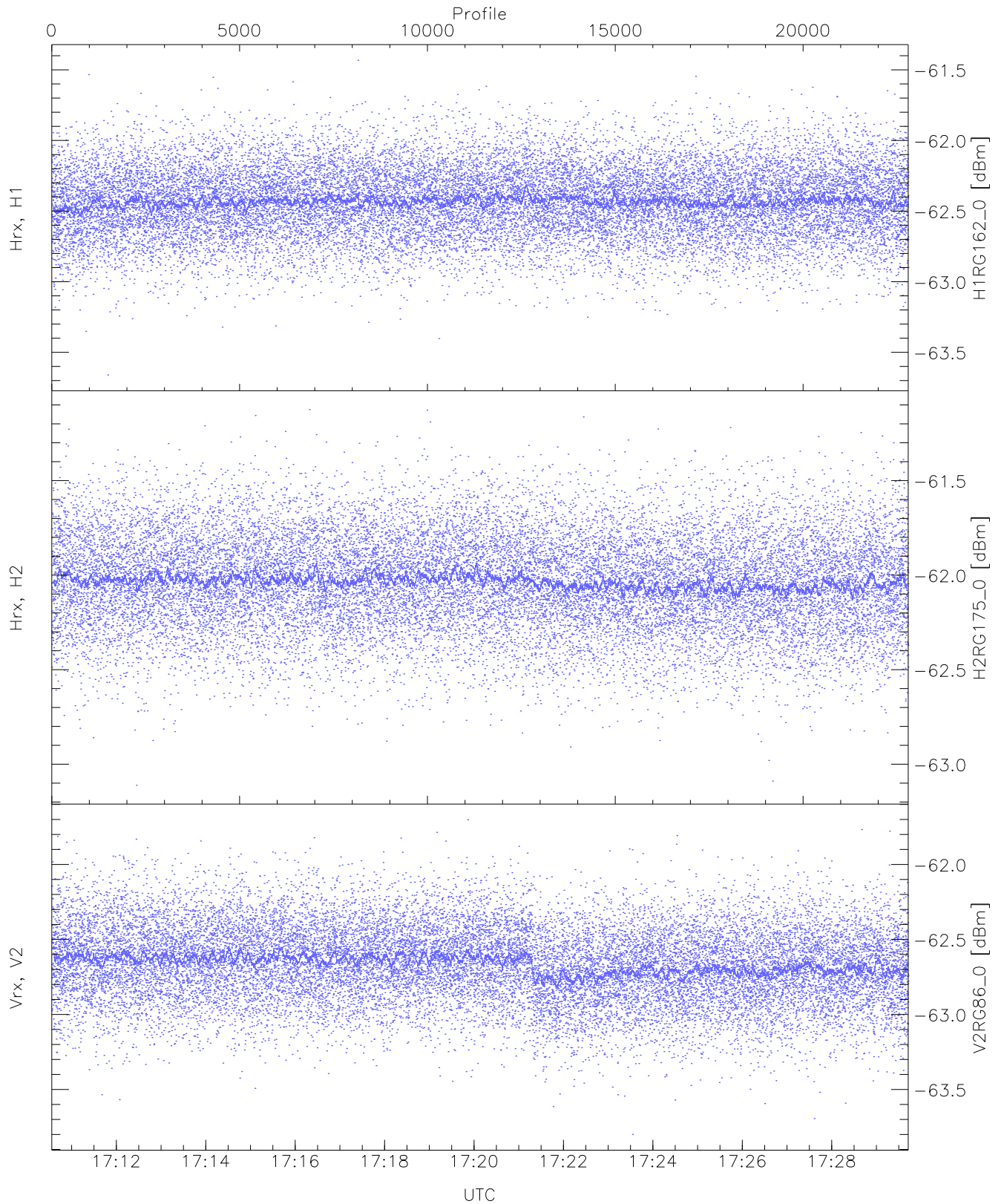
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-62.59	-60.79	-61.67	-61.68	-74.23
Hrx, H2 (HL [dBm])	-62.61	-60.68	-61.67	-61.67	-74.24
Vrx, V2 (HL [dBm])	-63.17	-61.32	-62.23	-62.23	-74.80



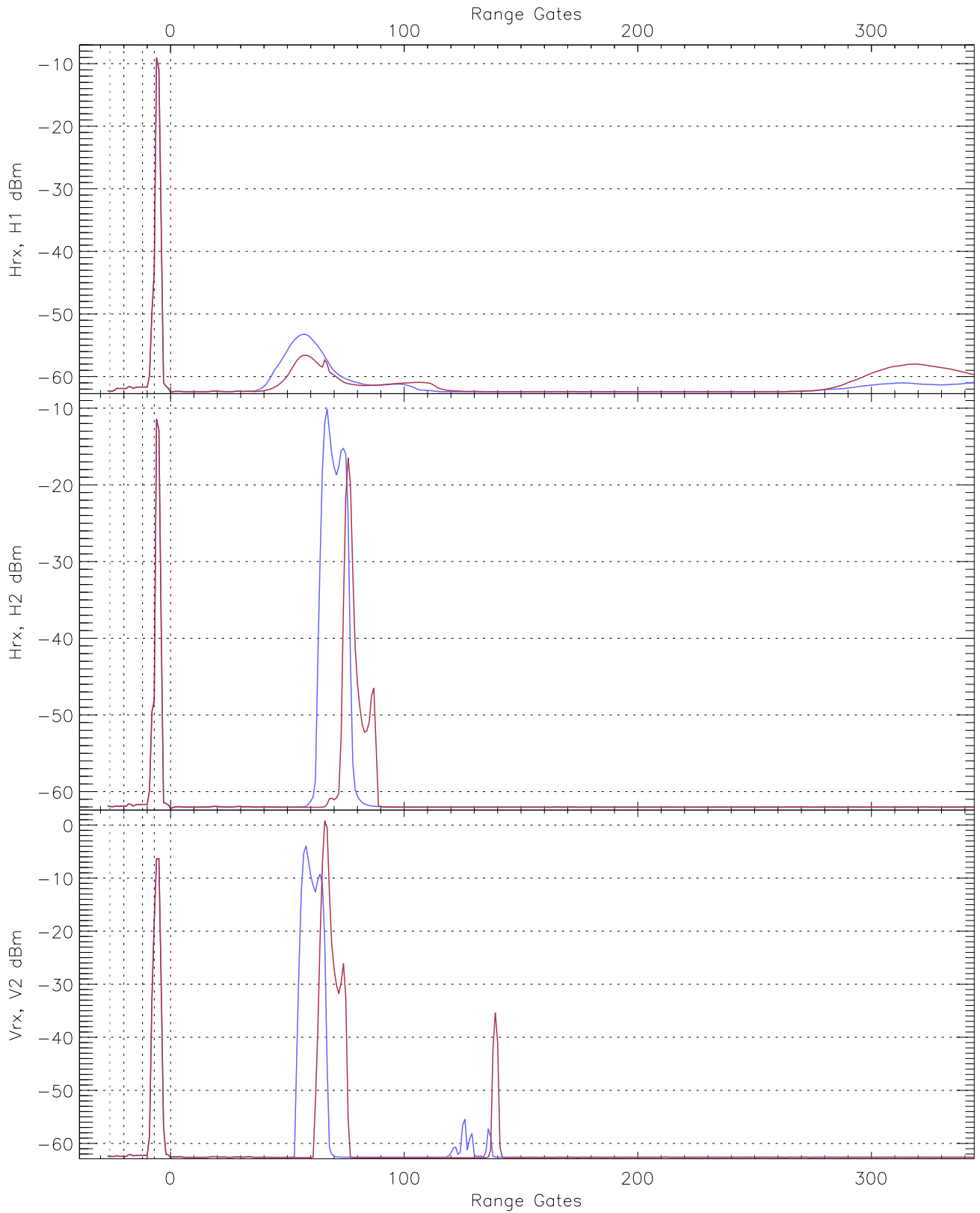
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-63.37	-61.17	-62.31	-62.32	-74.78
Hrx, H2 (RM [dBm])	-62.97	-61.01	-61.93	-61.94	-74.46
Vrx, V2 (RM [dBm])	-63.40	-61.43	-62.38	-62.38	-74.90

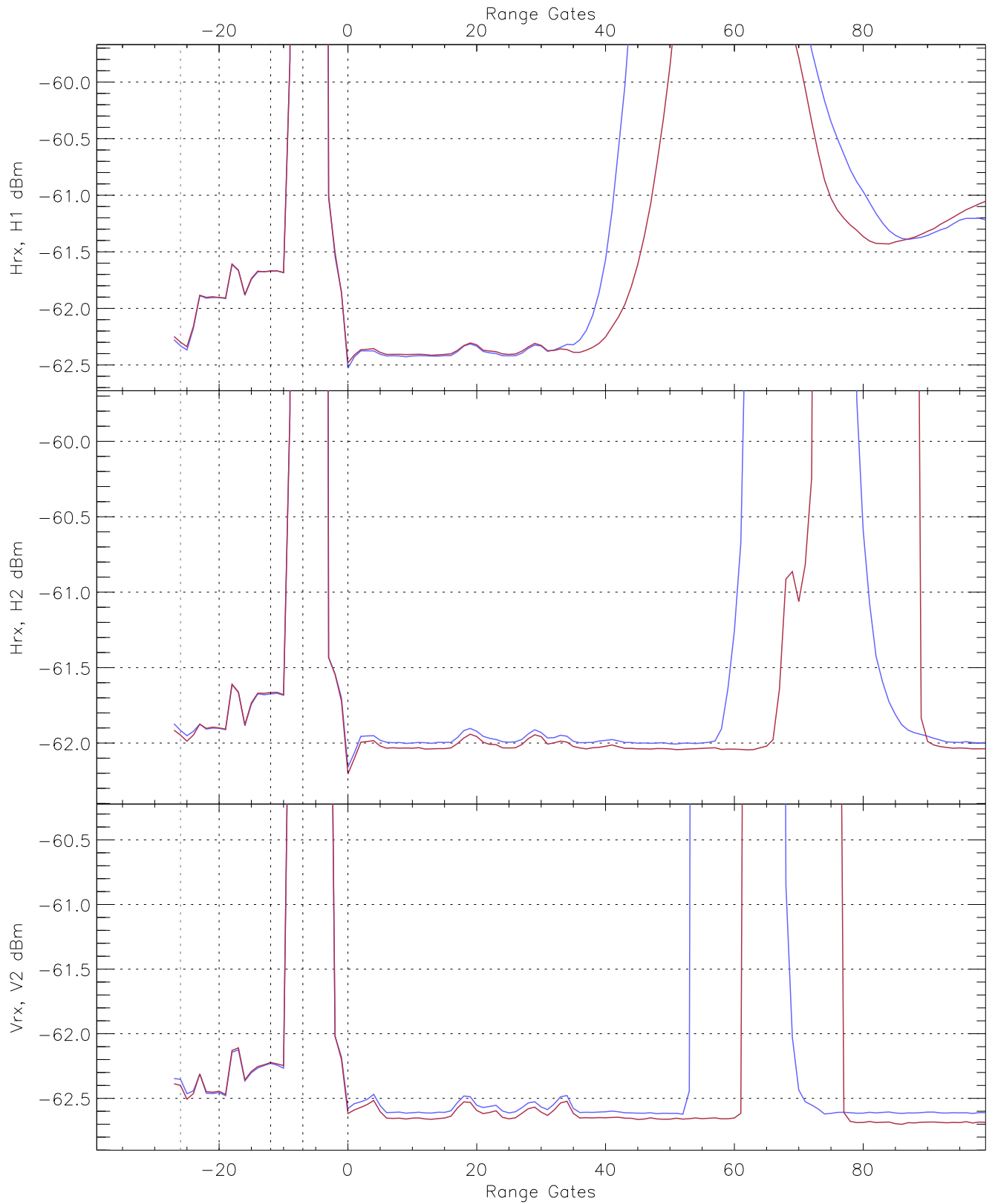


WCR2 CPP "Best" estimate Receivers Noise Power

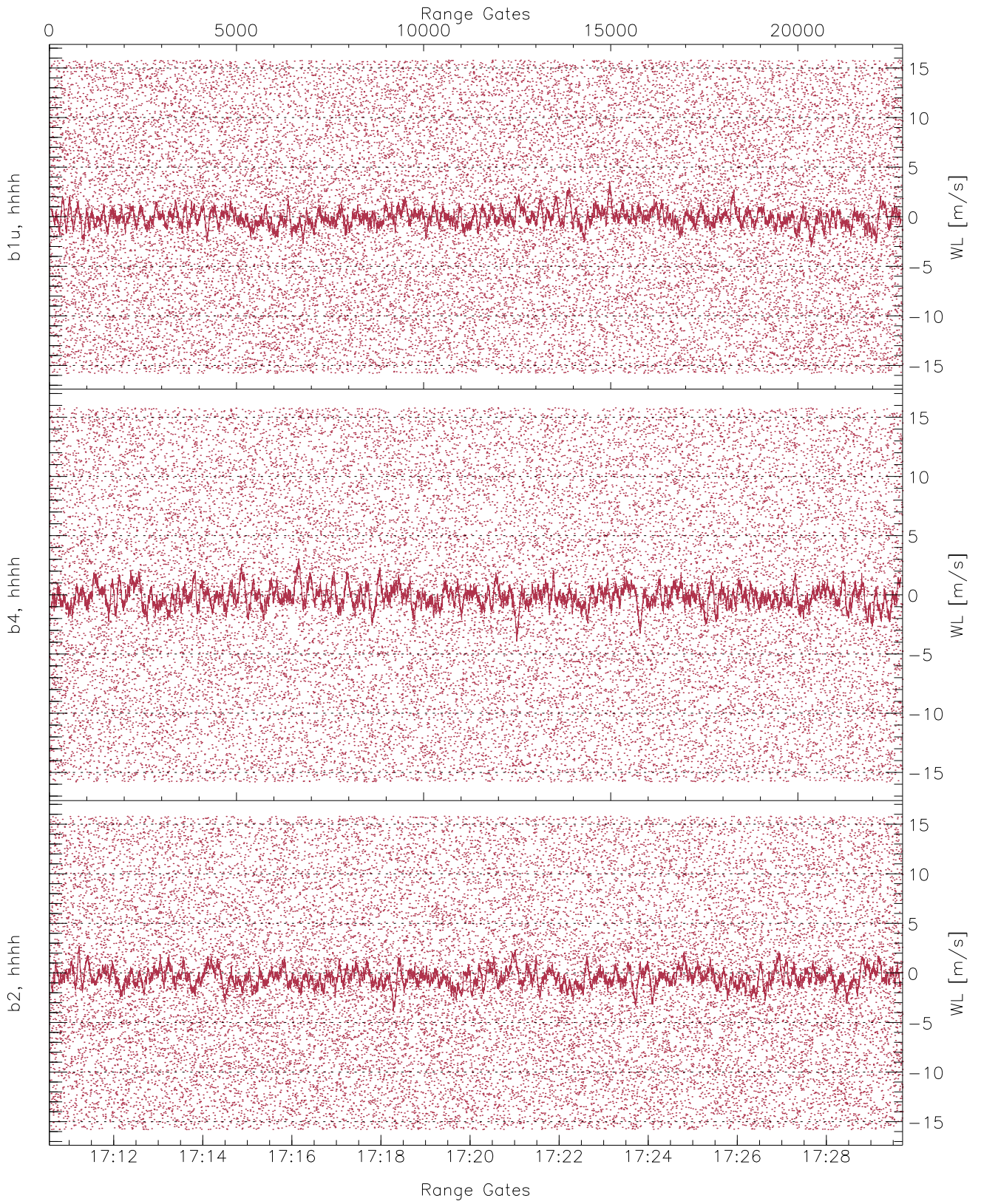
	Min	Max	Mean	Median	StDev
H1RG162_0 [dBm]	-63.66	-61.43	-62.43	-62.43	-74.99
H2RG175_0 [dBm]	-63.11	-61.12	-62.03	-62.04	-74.58
V2RG86_0 [dBm]	-63.80	-61.70	-62.66	-62.66	-75.13



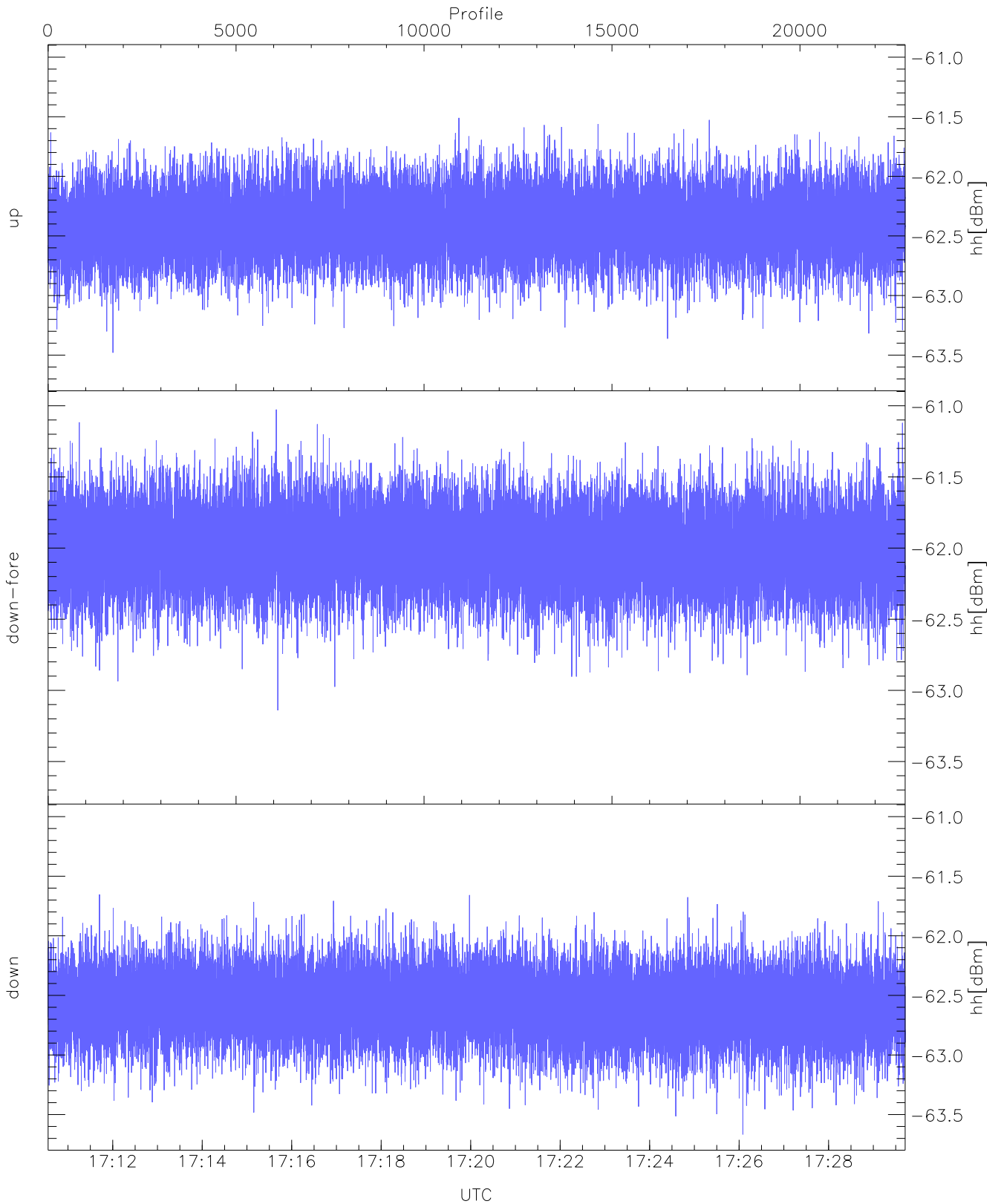
WCR2 CPP Averaged Received power for all recorded gates
blue: 171033-172008, 11401 profiles averaged
red: 172008-172943, 11400 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 171033-172008, 11401 profiles averaged
red: 172008-172943, 11400 profiles averaged

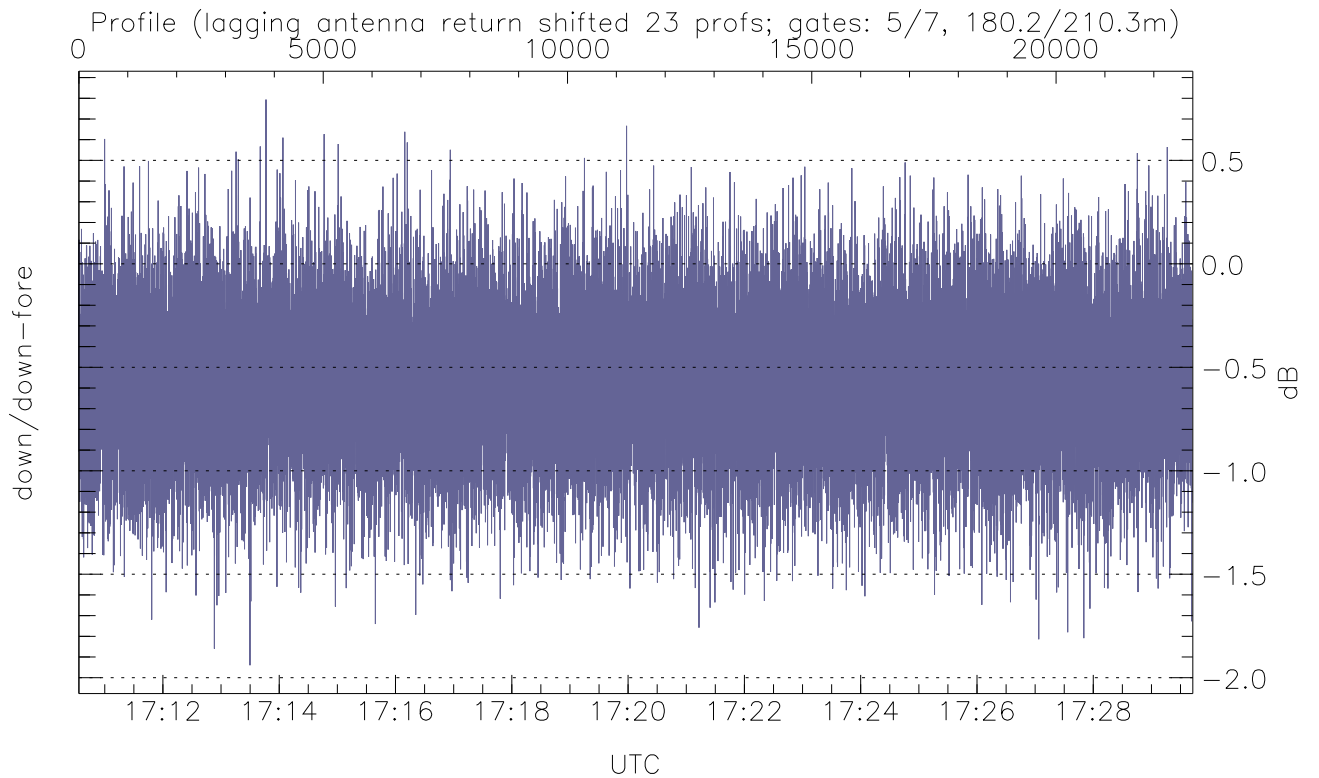
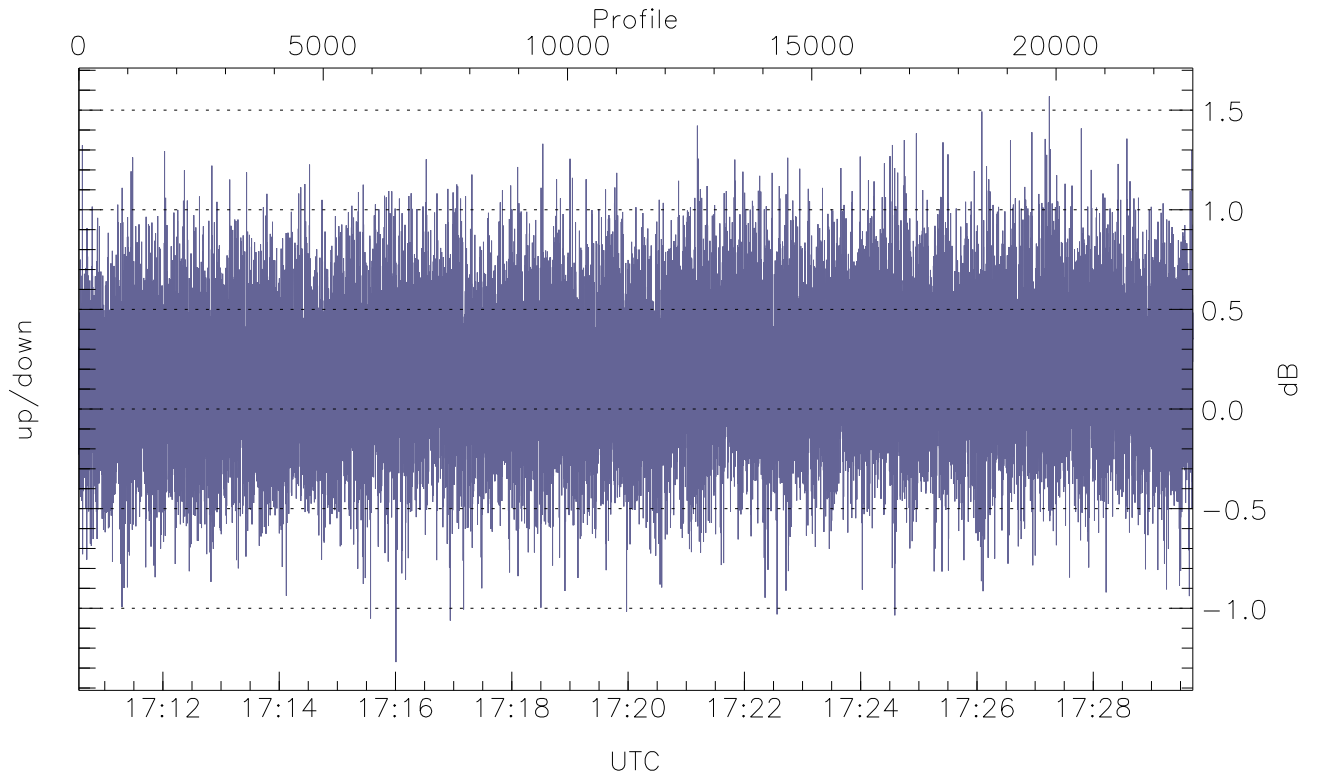


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



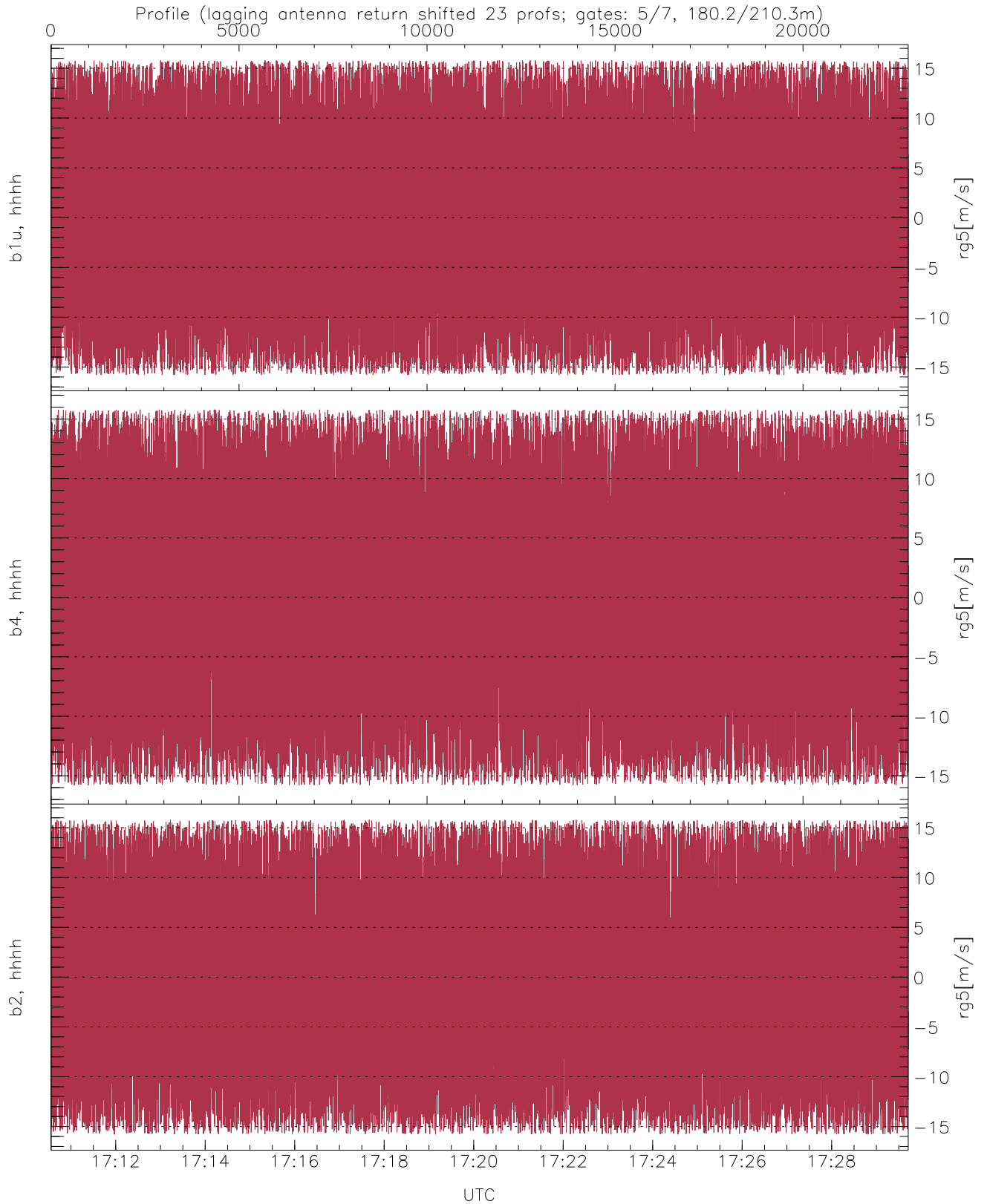
WCR2 CPP Received Power Products for Range gate 5 (180.2 m)

	Min	Max	Mean
up(hh[dBm])	-63.48	-61.51	-62.40
down-fore(hh[dBm])	-63.14	-61.03	-62.00
down(hh[dBm])	-63.67	-61.65	-62.58



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

	Min	Max	Mean
up/down (dB)	-1.27	1.57	0.18
down/down-fore (dB)	-1.94	0.79	-0.57



WCR2 CPP Doppler Velocity Products at 180.2 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg5[m/s])	-15.80	15.80	-0.01	9.08
b4, hhhh(rg5[m/s])	-15.80	15.80	-0.08	9.04
b2, hhhh(rg5[m/s])	-15.80	15.80	-0.39	9.03