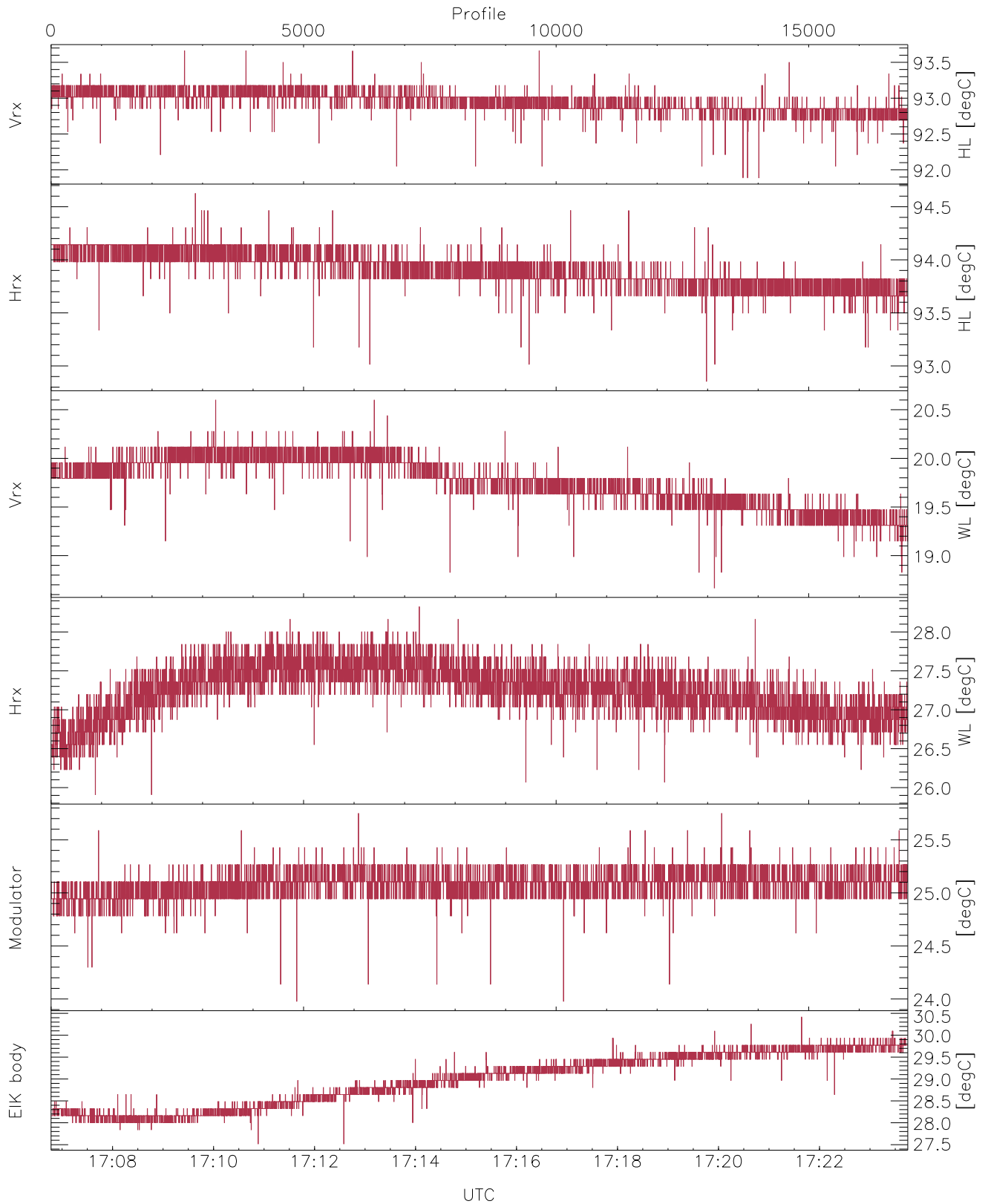


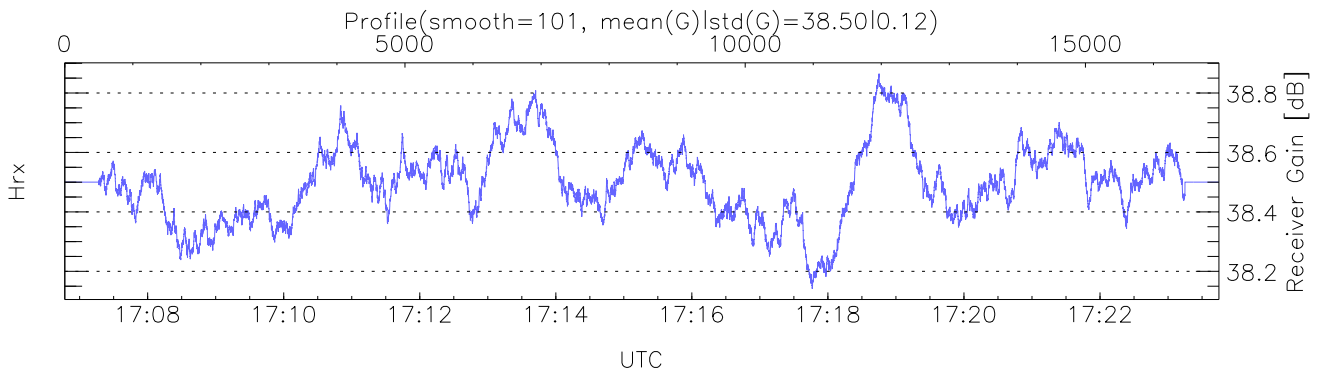
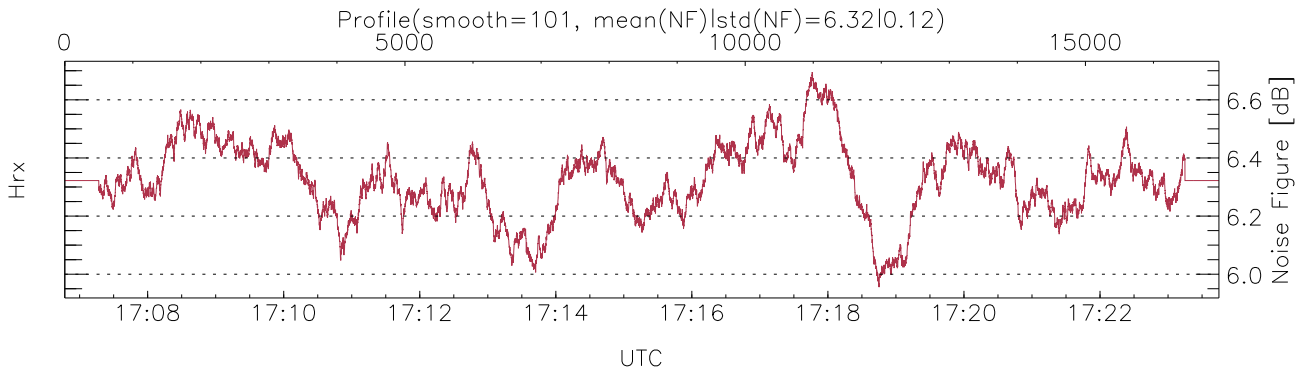
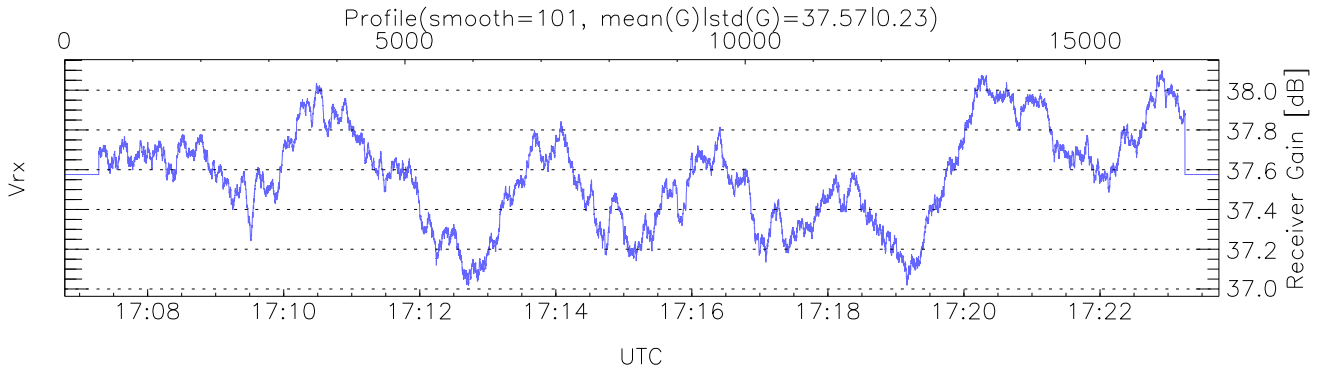
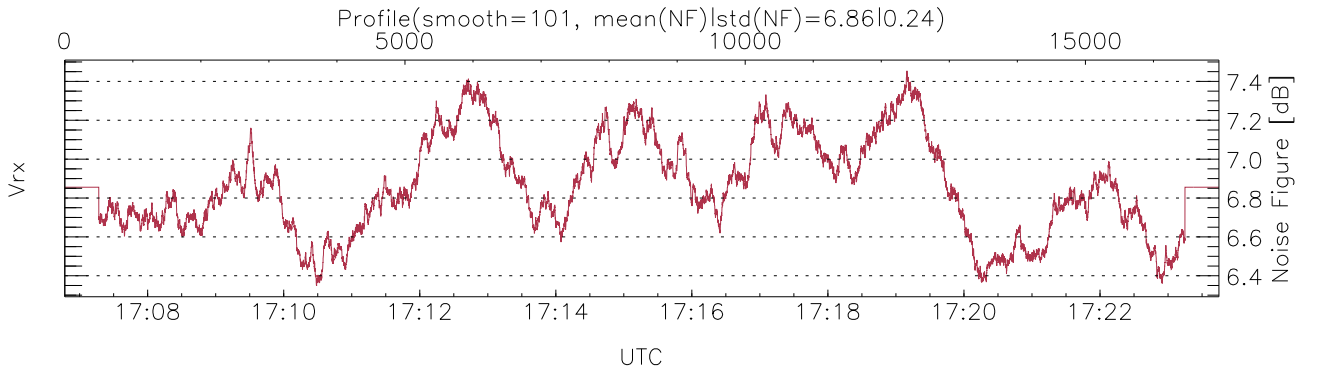
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:06:47-17:23:45, Dur: 1018.04s
 TimeCor: 0.00s, TimeFlg: 1, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 60.0,60.0,60.0,0.0 ms / 17,17,17
 NumRec(r/t): 16964/16964, 0-16963/17:06:47-17:23:45
 AcqTime: 60.0ms, Rate: 235KB/s, Averages: 200
 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,rqs): 105,3934,15.0 m, Gates: 256, Aspect: 2.8
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



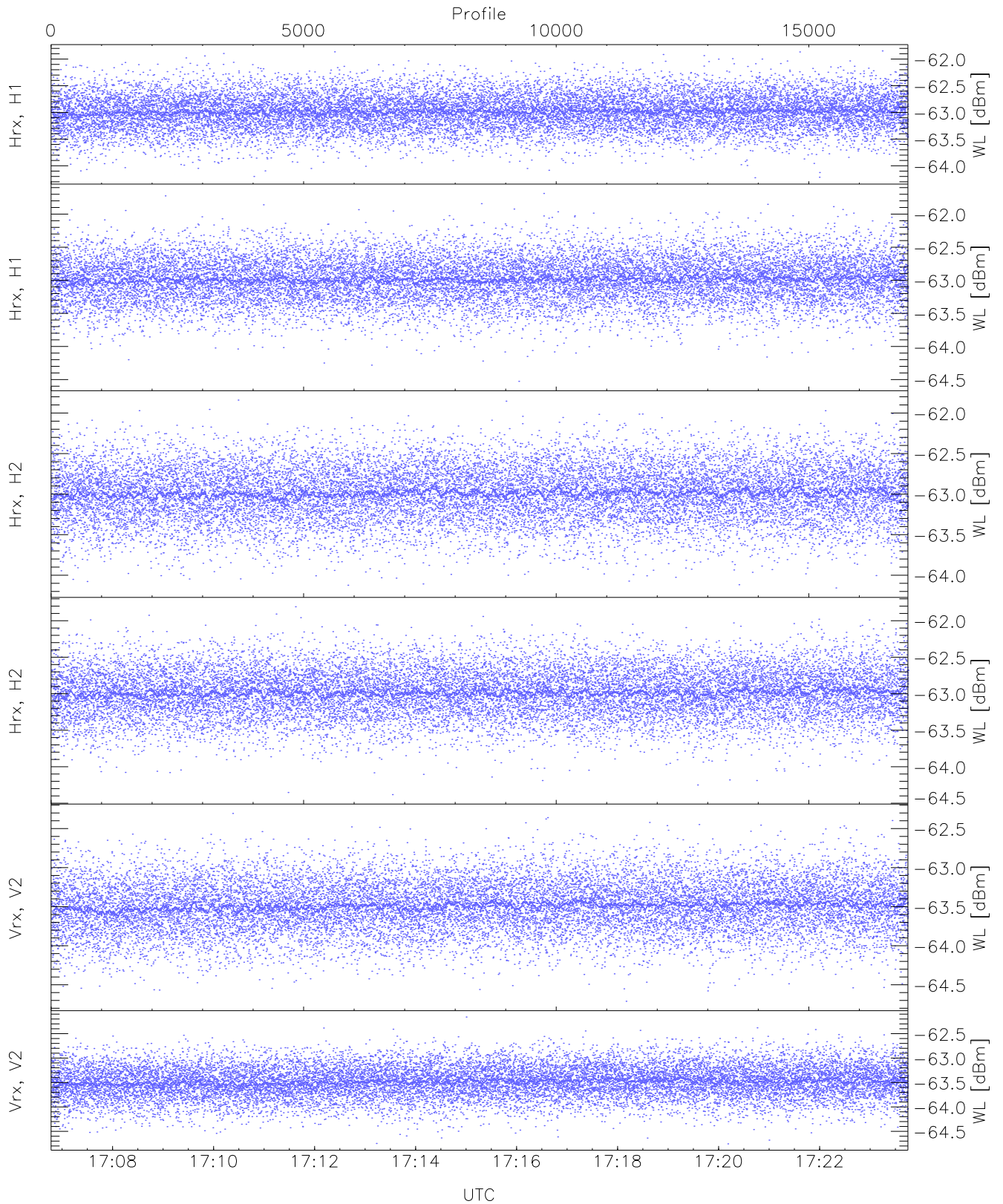
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 91,92,18,25,23,27
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,20,28,25,30
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK Faults(# prof affected):
DeckT,CollT,BodyCurr,DeckF,OverDuty (13,9,17,17,13)



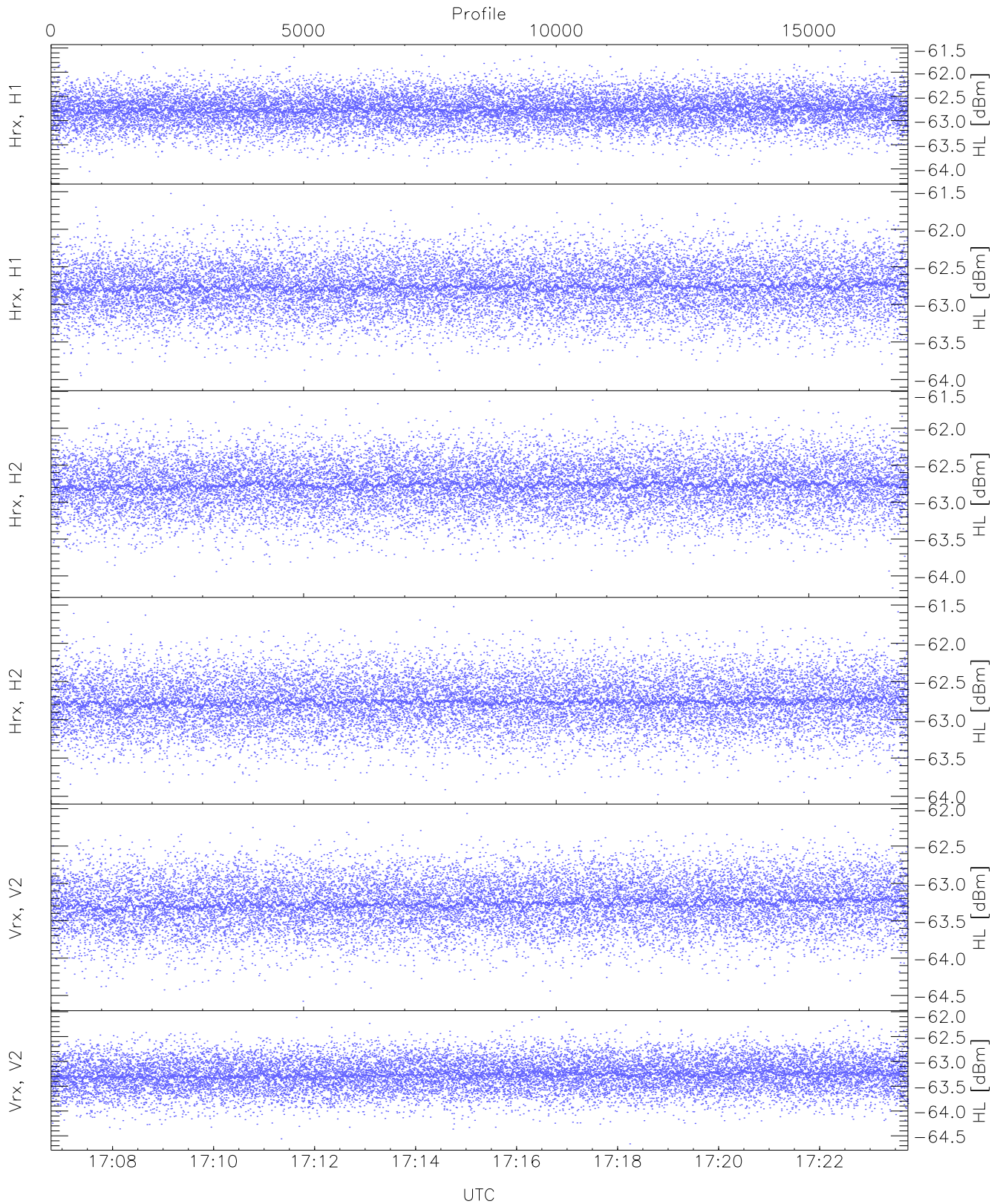
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 204 pixs, 2 gates, 102 profs, 2 prods



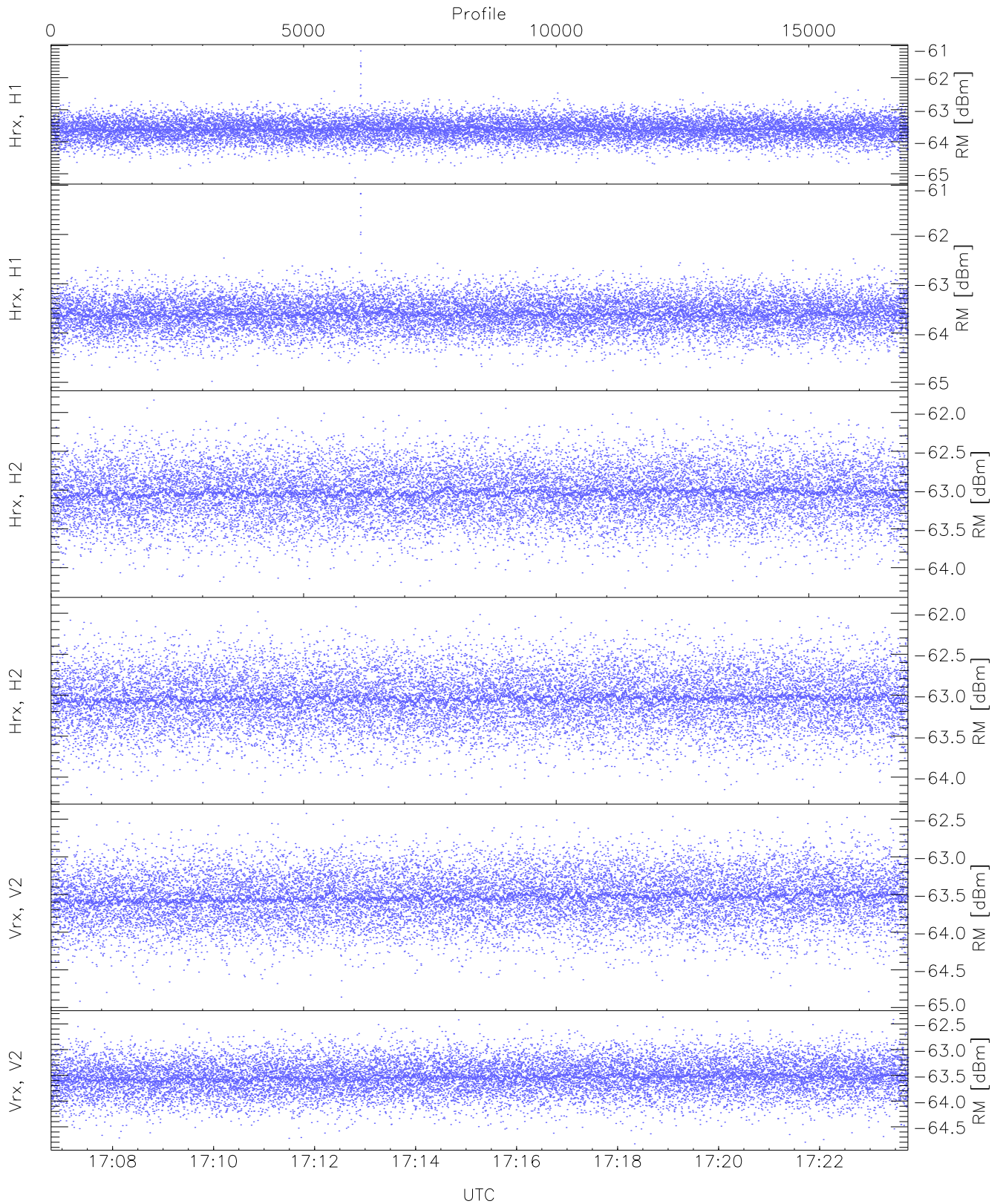
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-64.22	-61.85	-62.98	-62.99	-74.42
Hrx, H1 (WL [dBm])	-64.53	-61.69	-62.98	-62.98	-74.38
Hrx, H2 (WL [dBm])	-64.16	-61.84	-62.98	-62.98	-74.38
Hrx, H2 (WL [dBm])	-64.38	-61.81	-62.98	-62.98	-74.44
Vrx, V2 (WL [dBm])	-64.71	-62.31	-63.48	-63.49	-74.94
Vrx, V2 (WL [dBm])	-64.76	-62.16	-63.48	-63.49	-74.88



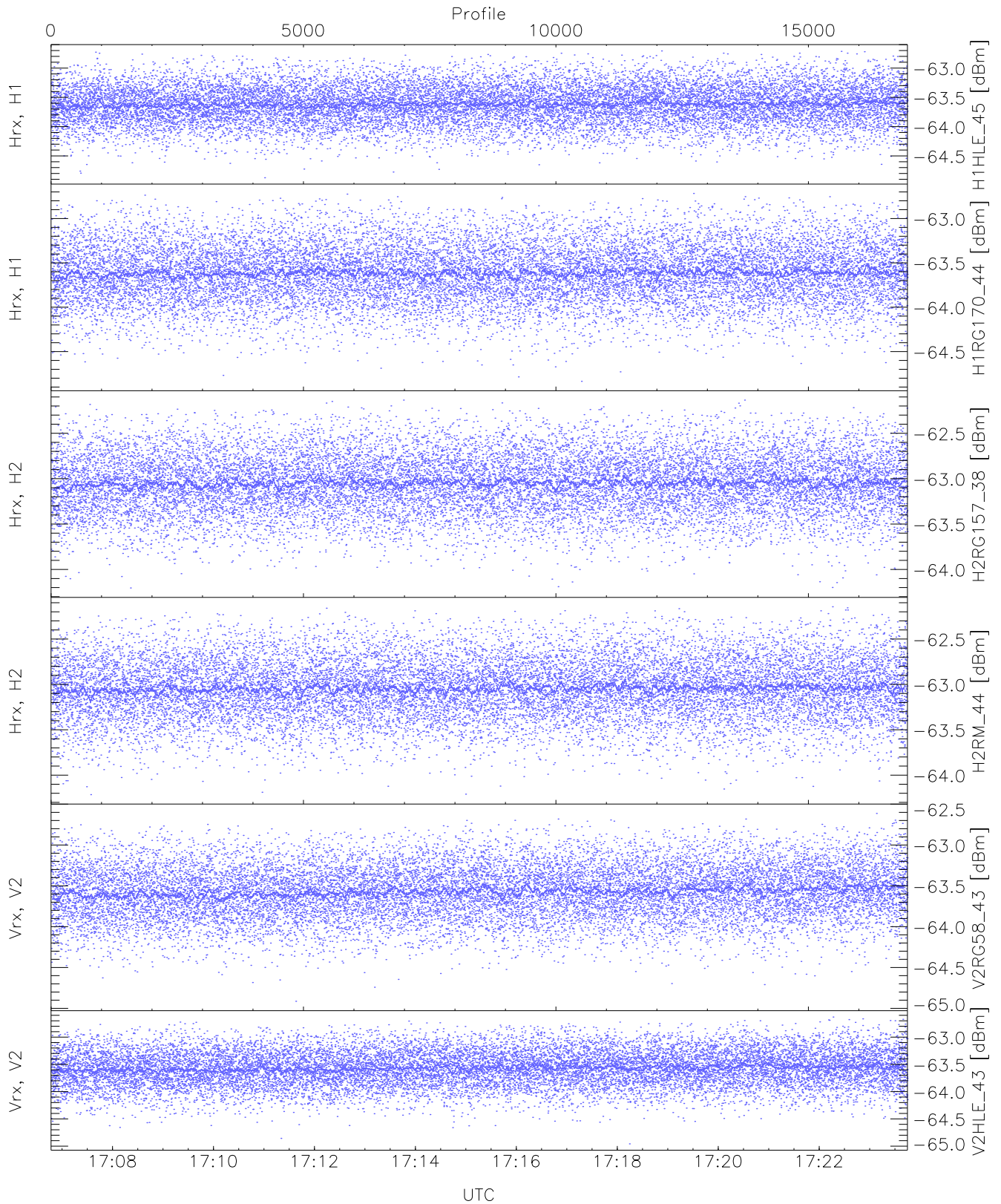
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-64.18	-61.56	-62.77	-62.77	-74.18
Hrx, H1 (HL [dBm])	-64.02	-61.52	-62.76	-62.77	-74.18
Hrx, H2 (HL [dBm])	-64.16	-61.62	-62.76	-62.77	-74.17
Hrx, H2 (HL [dBm])	-63.98	-61.52	-62.76	-62.77	-74.18
Vrx, V2 (HL [dBm])	-64.58	-62.06	-63.26	-63.27	-74.66
Vrx, V2 (HL [dBm])	-64.66	-62.11	-63.26	-63.27	-74.69



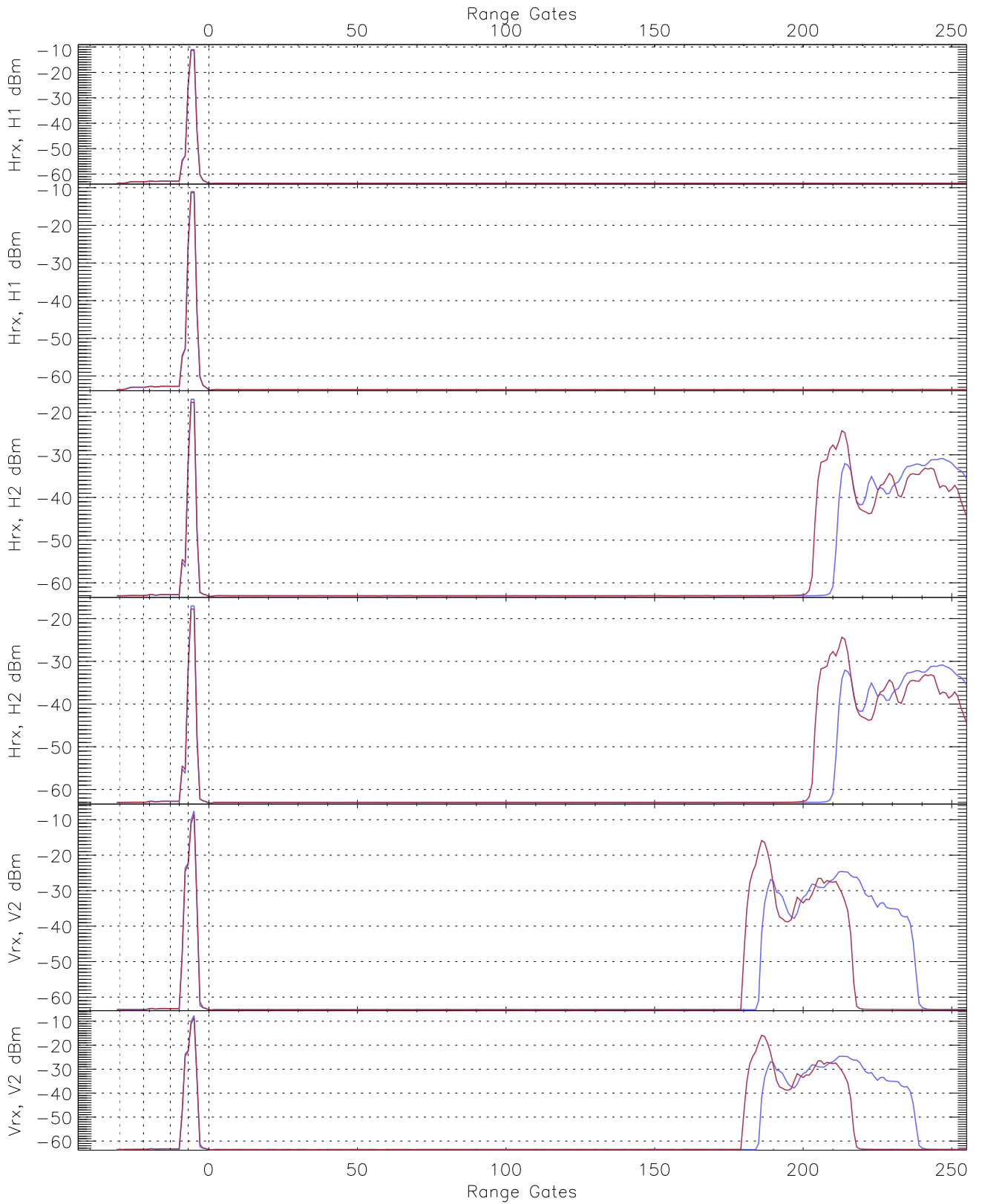
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-65.12	-61.16	-63.60	-63.61	-74.98
Hrx, H1 (RM [dBm])	-64.98	-61.17	-63.60	-63.61	-74.96
Hrx, H2 (RM [dBm])	-64.26	-61.84	-63.03	-63.03	-74.44
Hrx, H2 (RM [dBm])	-64.21	-61.92	-63.04	-63.04	-74.45
Vrx, V2 (RM [dBm])	-64.92	-62.42	-63.53	-63.54	-74.92
Vrx, V2 (RM [dBm])	-64.83	-62.37	-63.53	-63.54	-74.95

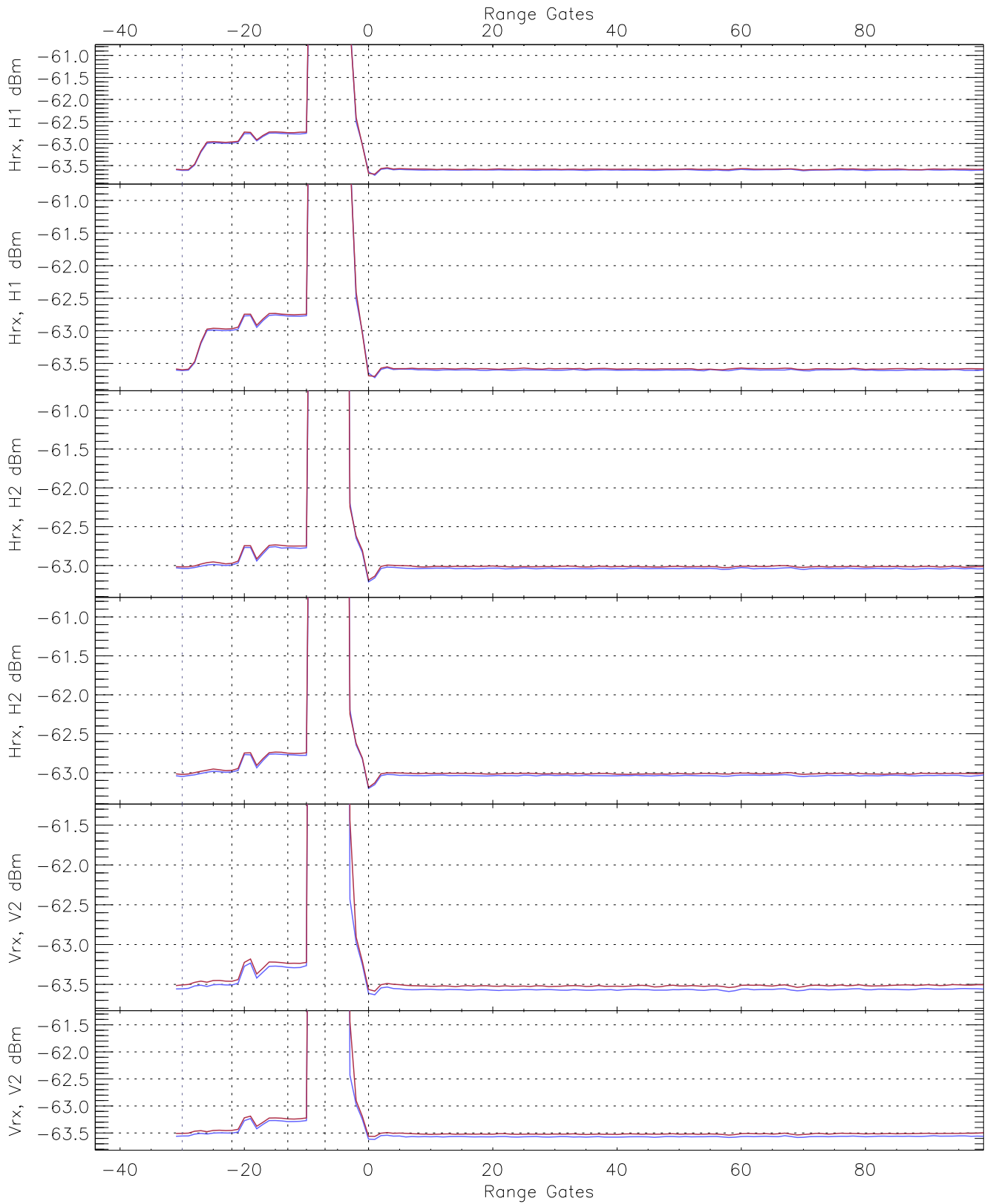


WCR2 CPP "Best" estimate Receivers Noise Power

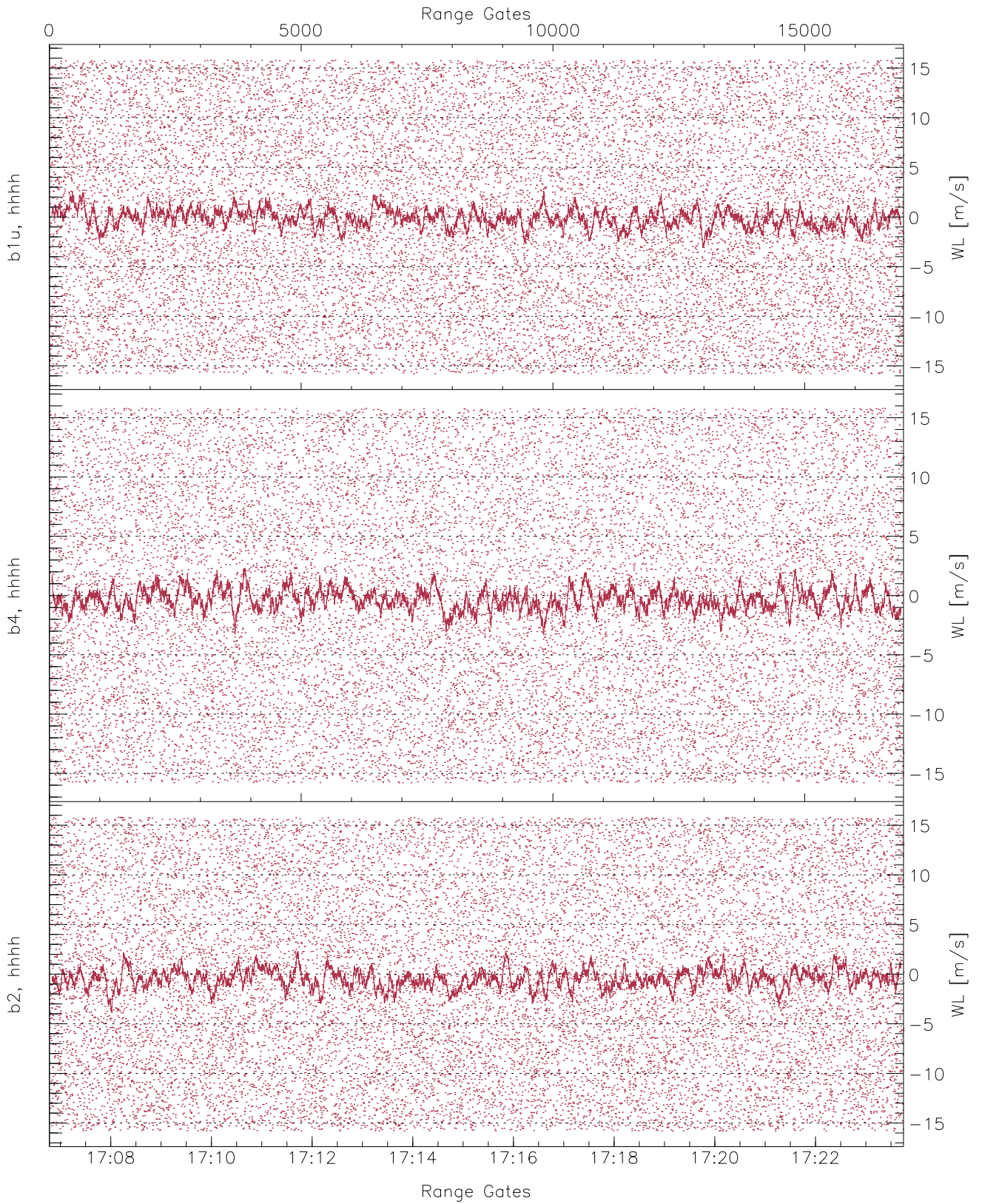
	Min	Max	Mean	Median	StDev
H1HLE_45 [dBm]	-64.87	-62.71	-63.61	-63.62	-75.07
H1RG170_44 [dBm]	-64.84	-62.72	-63.61	-63.62	-75.07
H2RG157_38 [dBm]	-64.20	-62.14	-63.04	-63.05	-74.53
H2RM_44 [dBm]	-64.21	-62.14	-63.04	-63.05	-74.49
V2RG58_43 [dBm]	-64.91	-62.61	-63.57	-63.57	-75.04
V2HLE_43 [dBm]	-64.96	-62.63	-63.56	-63.57	-75.03



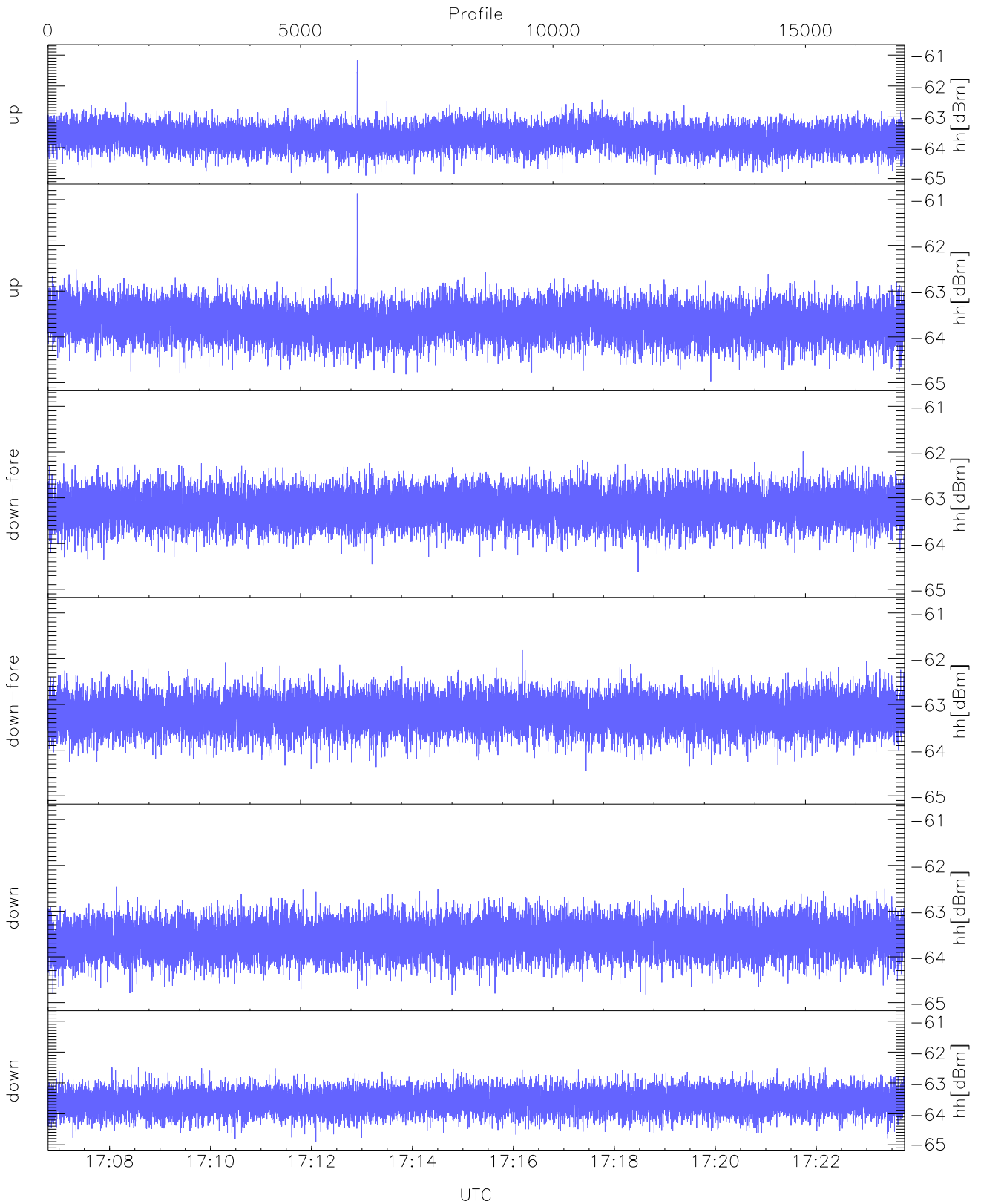
WCR2 CPP Averaged Received power for all recorded gates
blue: 170647-171516, 8483 profiles averaged
red: 171516-172345, 8482 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 170647-171516, 8483 profiles averaged
red: 171516-172345, 8482 profiles averaged

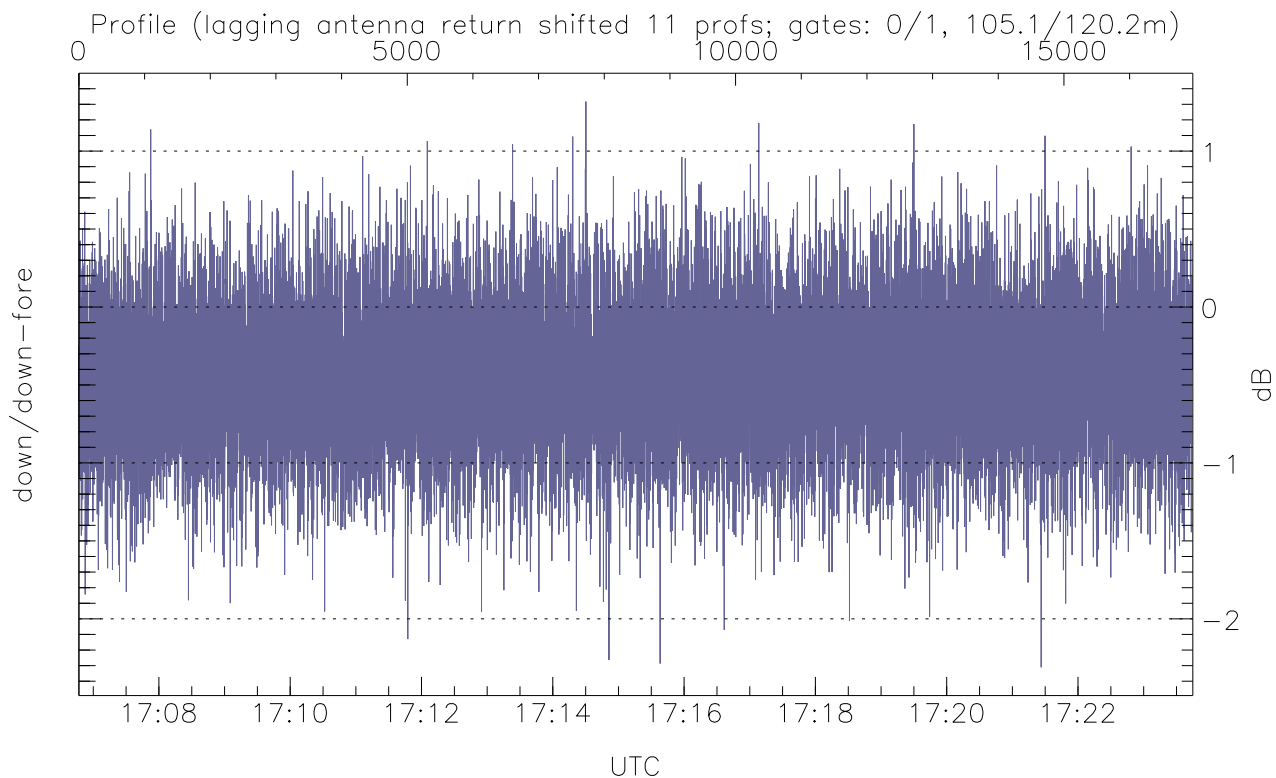
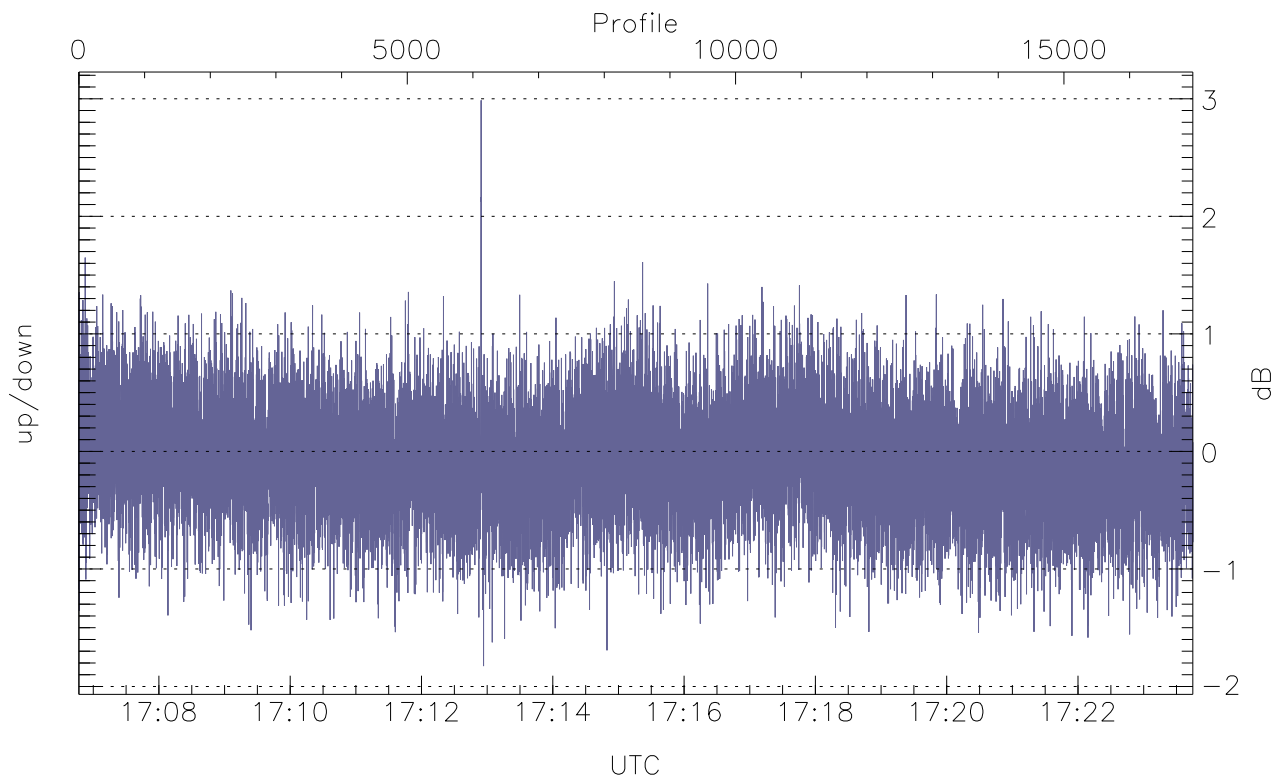


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



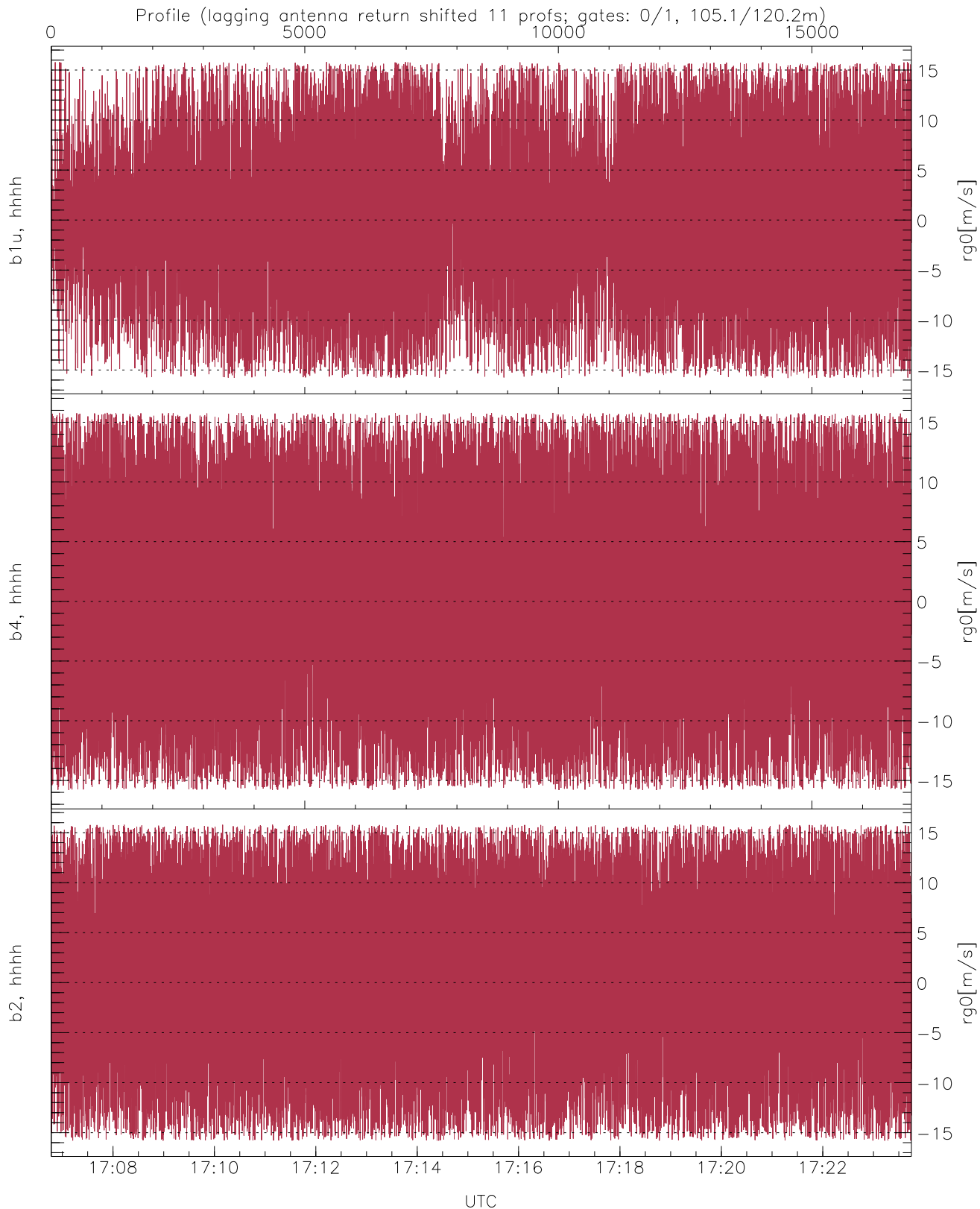
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.91	-61.17	-63.66
up(hh[dBm])	-64.97	-60.86	-63.67
down-fore(hh[dBm])	-64.62	-61.99	-63.20
down-fore(hh[dBm])	-64.46	-61.80	-63.20
down(hh[dBm])	-64.83	-62.47	-63.59
down(hh[dBm])	-64.92	-62.47	-63.59



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

	Min	Max	Mean
up/down (dB)	-1.83	2.99	-0.07
down/down-fore (dB)	-2.31	1.32	-0.44



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.80	15.80	-0.08	7.67
b4, hhhh(rg0[m/s])	-15.80	15.80	-0.19	9.07
b2, hhhh(rg0[m/s])	-15.80	15.80	0.78	9.02