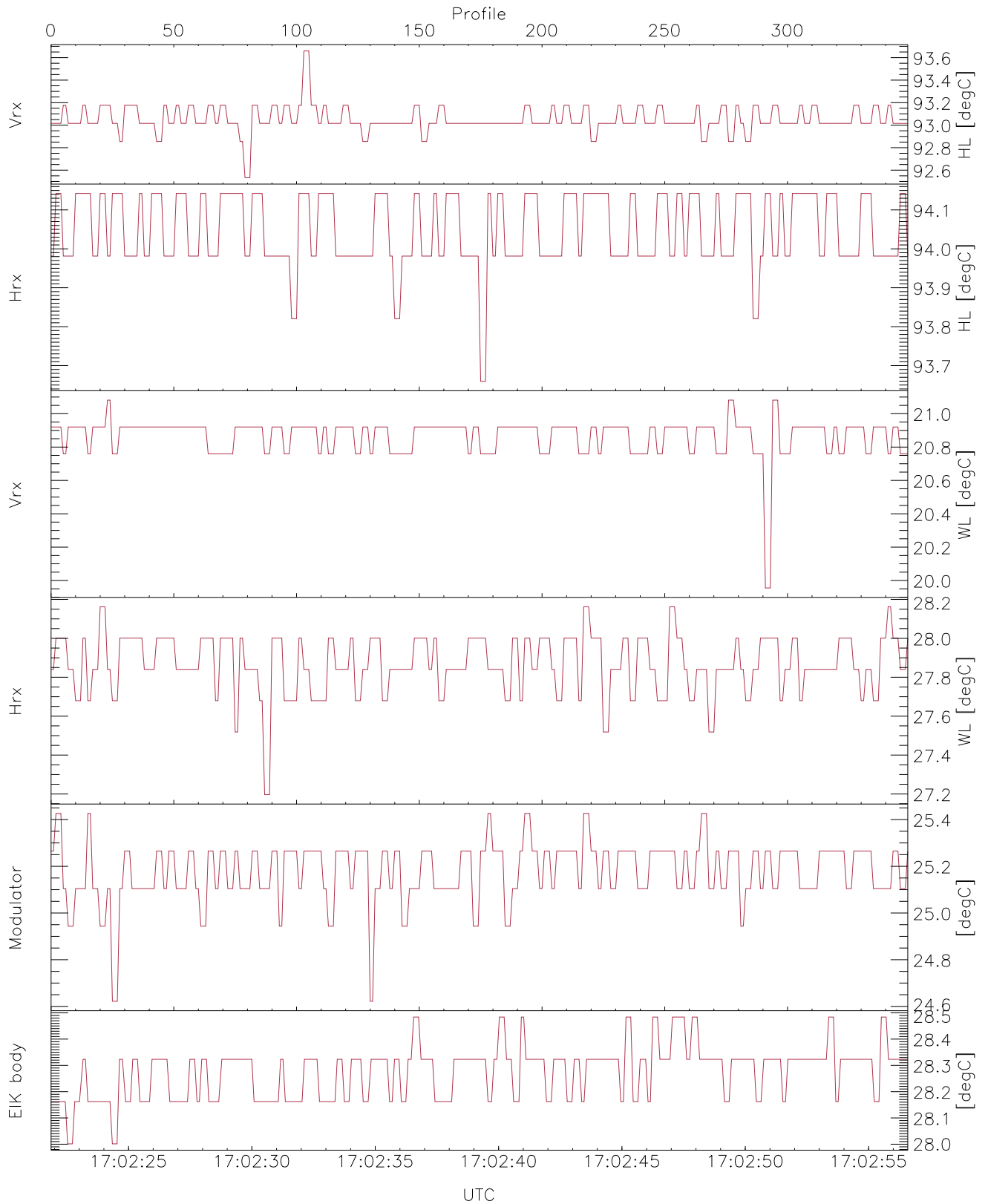


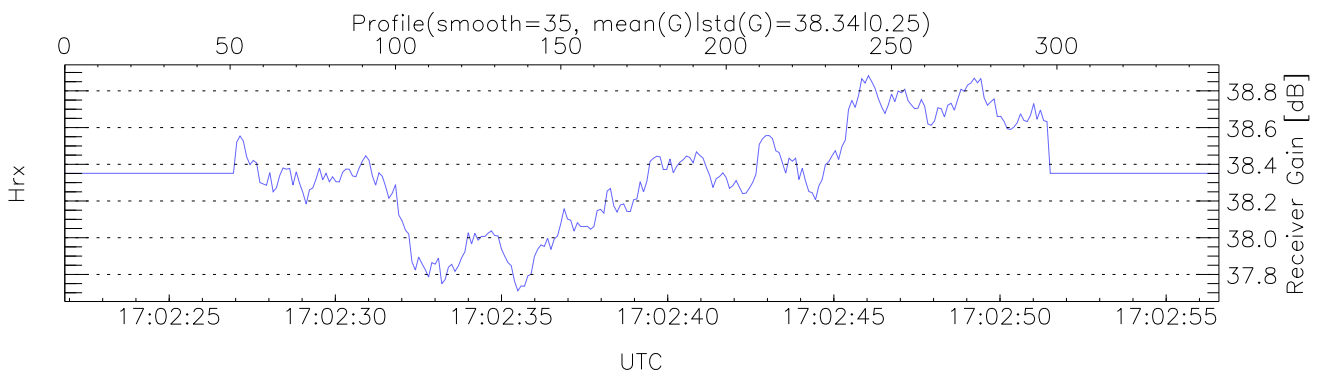
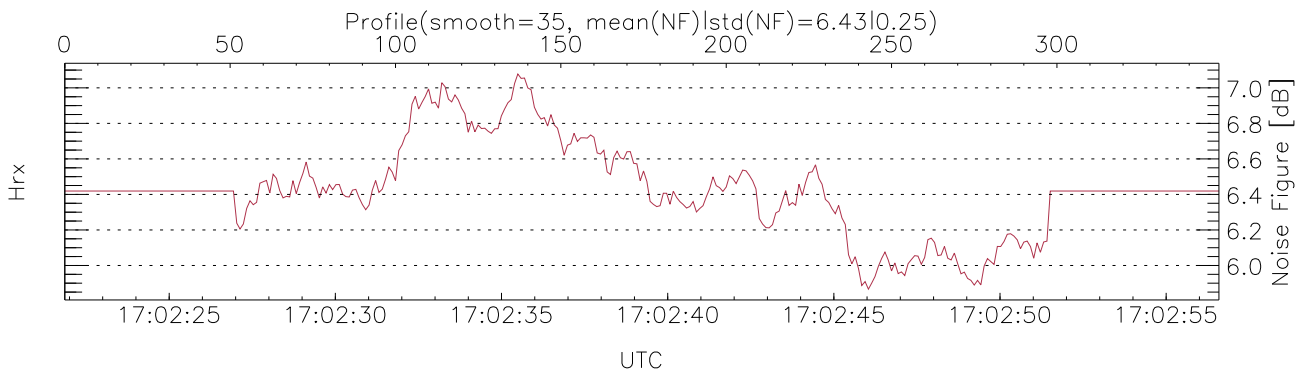
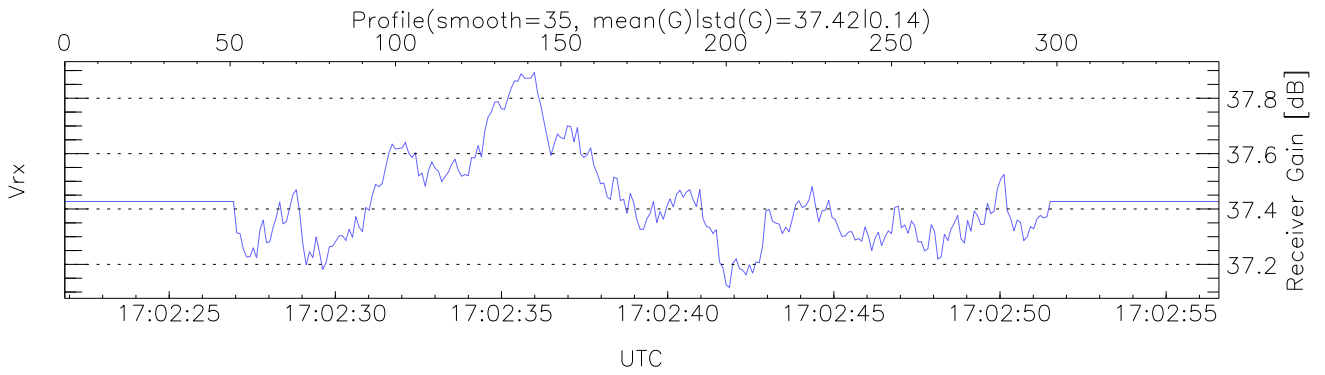
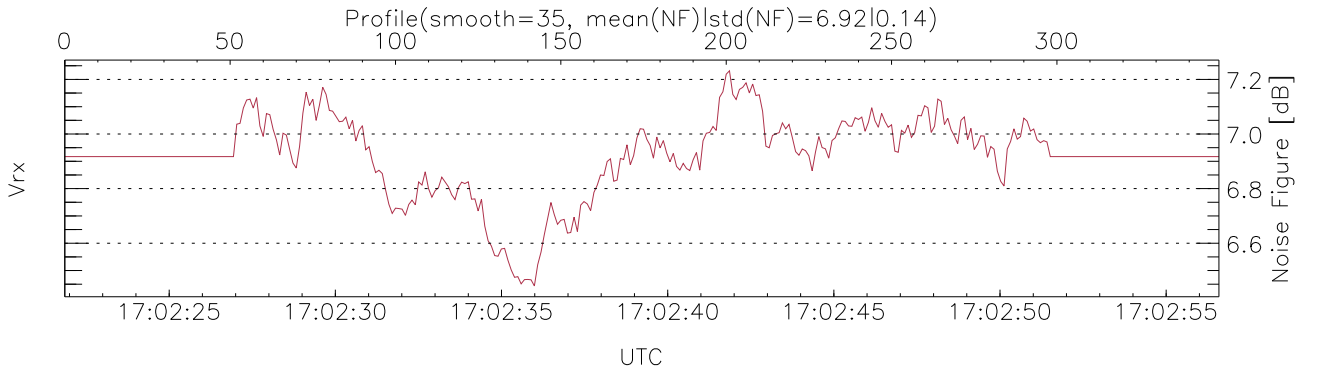
WCR2 CPP Tx Power Monitor, Profile Time Interval, HotLoad/WarmLoad Ratios

UTC: 17:02:23-17:02:58, Dur: 34.73s, Using HOST time !!
 TimeCor: 0.00s, TimeFlg: 31, TFPstatus constant
 TimeInt/PPS(min,max,mn,std): 92.0,156.0,99.5,9.4 ms / 6,11,10
 NumRec(r/t): 350/350, 0-349/17:02:22-17:02:57
 AcqTime: 80.0ms, Rate: 352KB/s, Averages: 200
 Pulse: 250ns, IFF: 4.0MHz, Tx: H1 H1 V1 V1 H2 H2 V2 V2
 PRF: 20.0 20.0 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: 2.1
 Mirror(-9|0|1|2,3,9x = no mirror|sidelup|error): 1



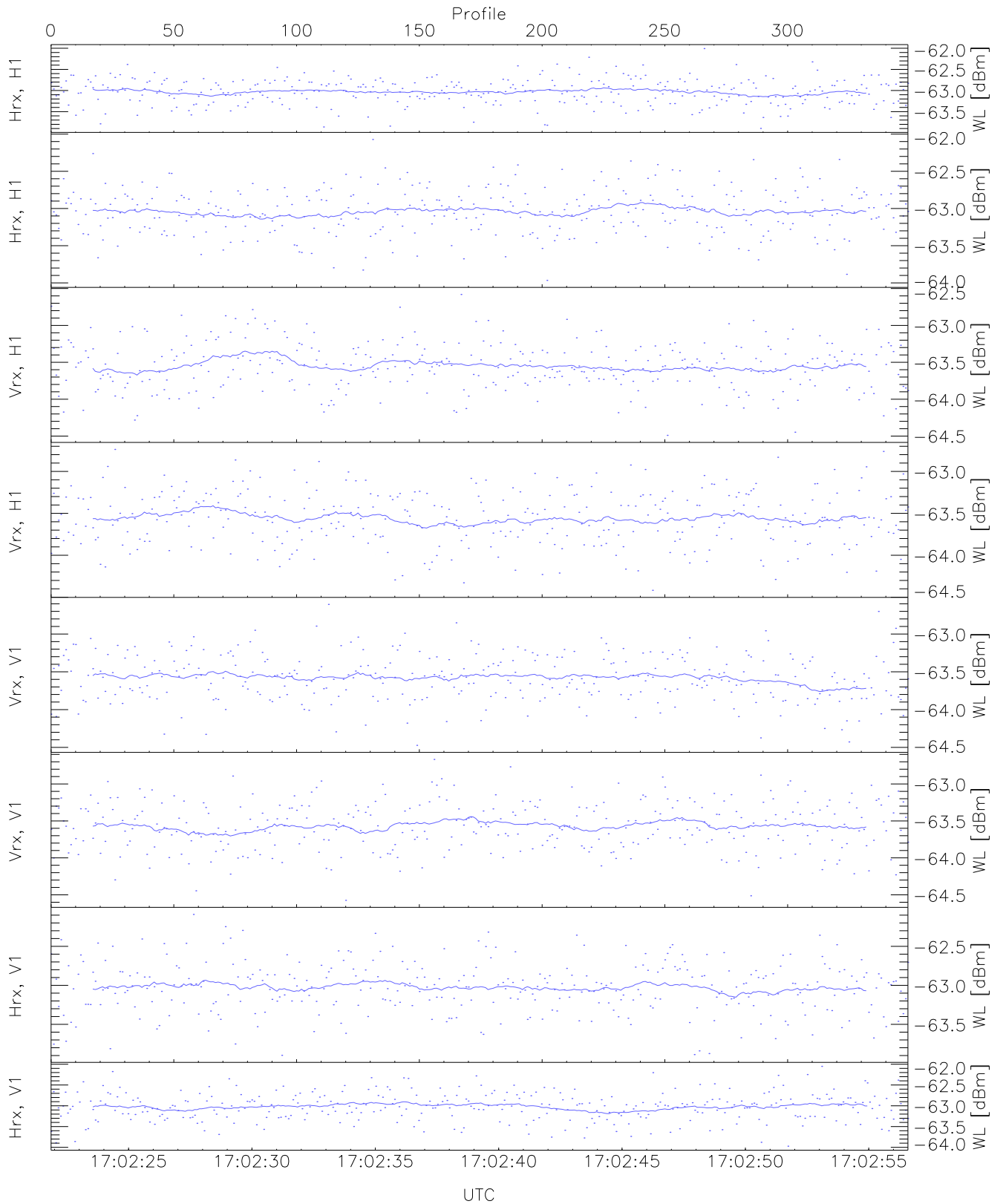
WCR2 CPP Temperature Monitor: Hot Loads, Warm Loads, Modulator, and EIK

mintempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 92,93,19,27,24,28
maxtempC(VrxHL,HrxHL,VrxWL,HrxWL,Mod,EIK): 93,94,21,28,25,28
LOalarm(20,80,240,2.8,14.8 MHz): None
EIK/Modulator Faults: None



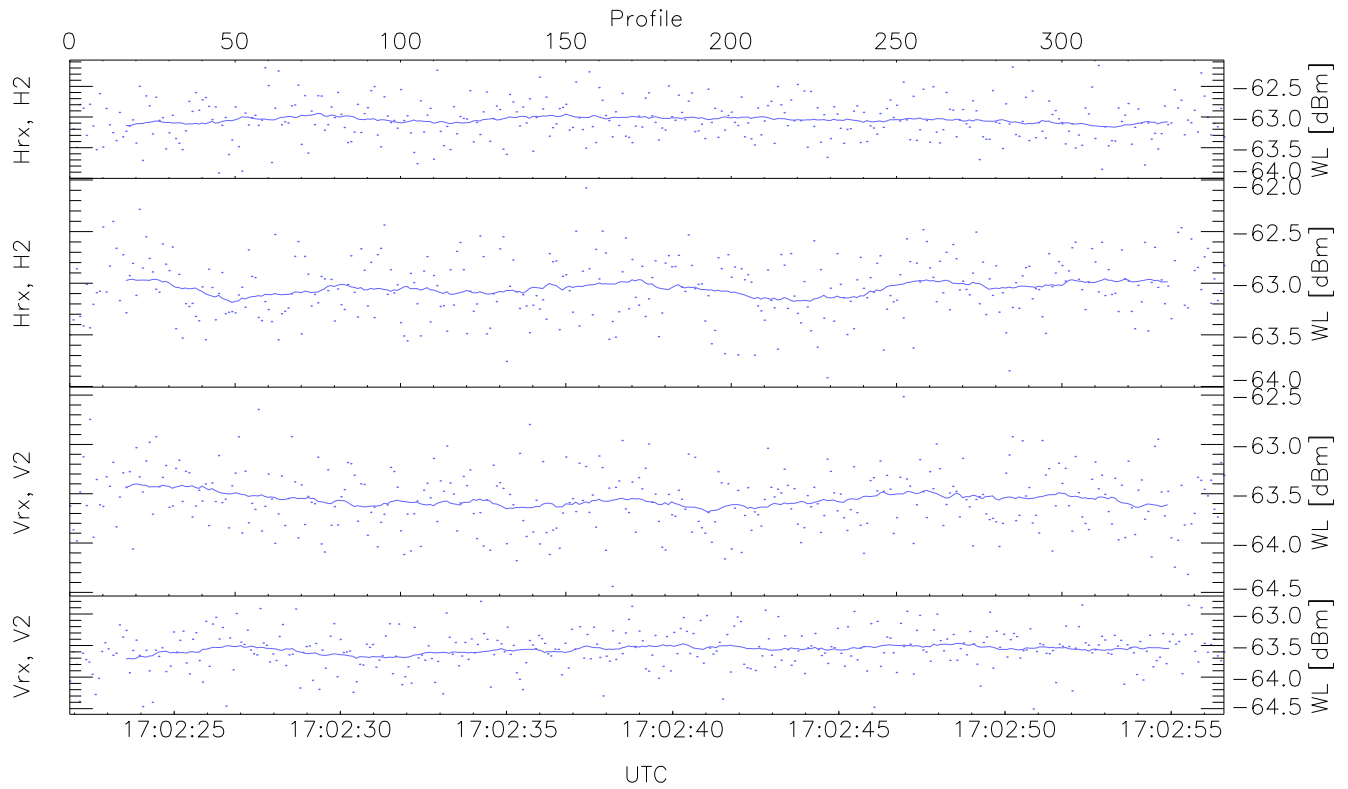
WCR2 CPP Receivers Gain and Noise Figure

Rx Saturation: 0 pixs, 0 gates, 0 profs, 0 prods



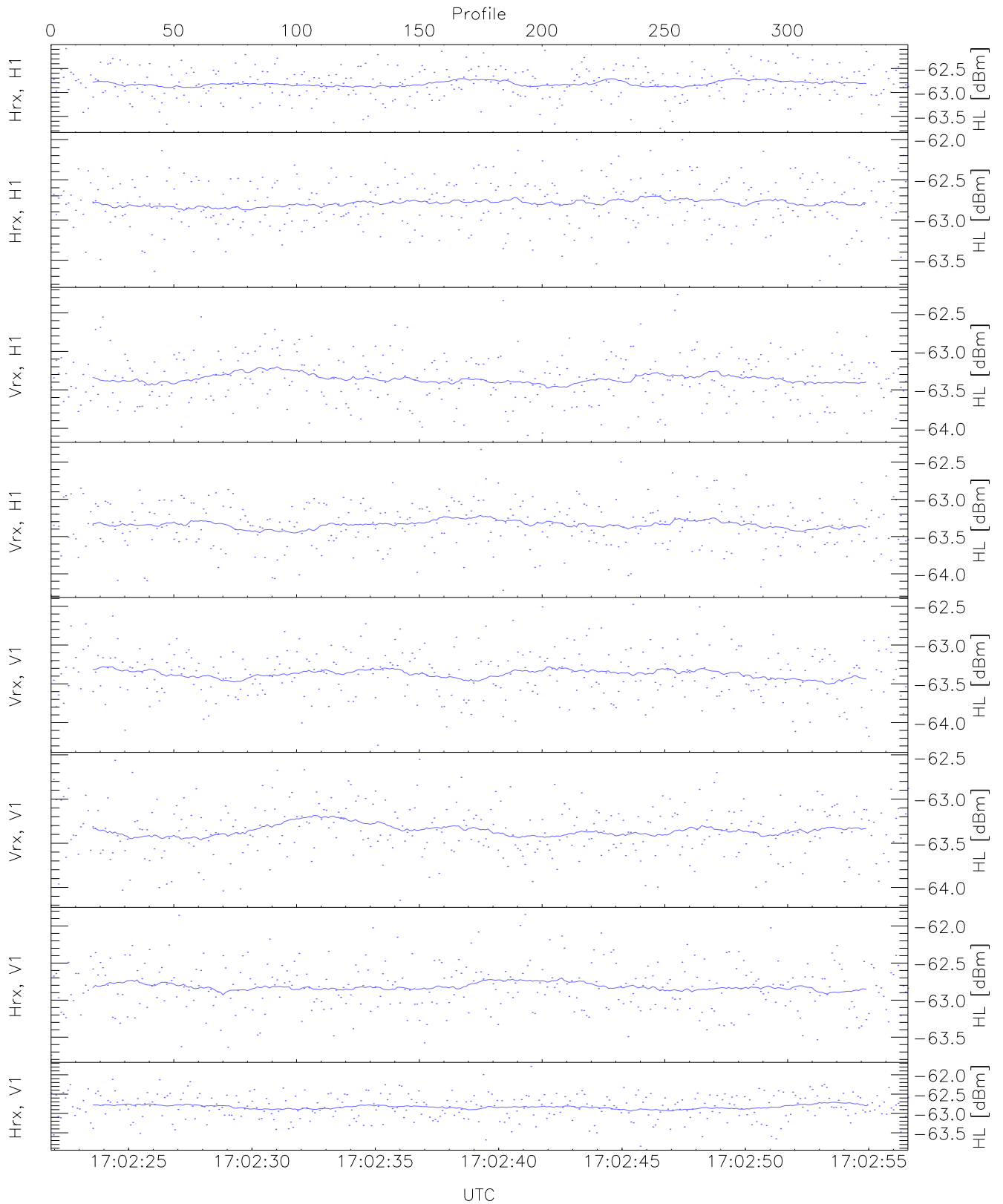
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (WL [dBm])	-63.90	-62.01	-63.02	-63.02	-74.63
Hrx, H1 (WL [dBm])	-63.97	-62.07	-63.03	-63.03	-74.56
Vrx, H1 (WL [dBm])	-64.49	-62.58	-63.54	-63.55	-74.86
Vrx, H1 (WL [dBm])	-64.42	-62.74	-63.55	-63.55	-74.88
Vrx, V1 (WL [dBm])	-64.47	-62.61	-63.57	-63.58	-75.08
Vrx, V1 (WL [dBm])	-64.57	-62.67	-63.56	-63.57	-74.87
Hrx, V1 (WL [dBm])	-63.90	-62.09	-63.02	-63.02	-74.33
Hrx, V1 (WL [dBm])	-63.97	-62.05	-63.01	-63.01	-74.18



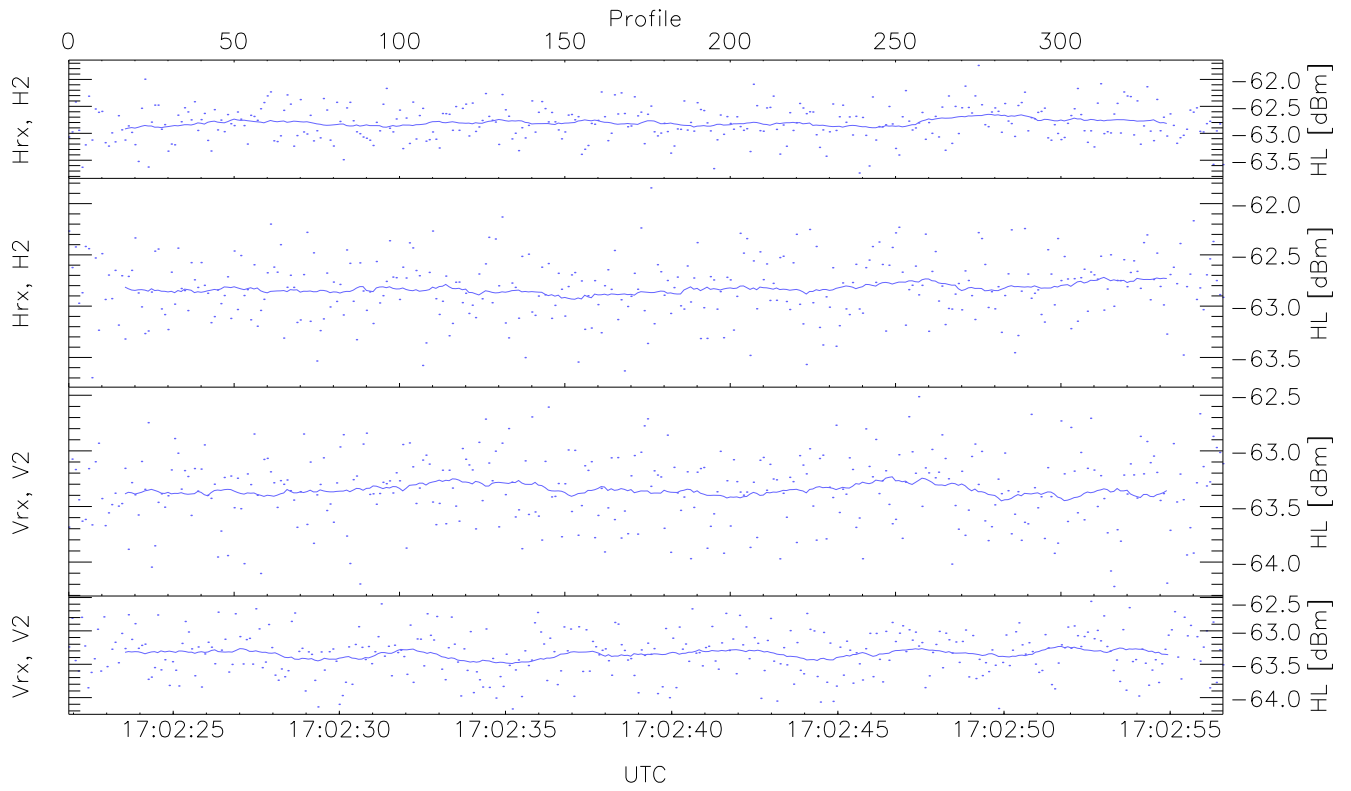
WCR2 CPP Receivers Noise Power from the Warm Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H2 (WL [dBm])	-63.91	-62.16	-63.04	-63.07	-74.29
Hrx, H2 (WL [dBm])	-63.91	-62.08	-63.04	-63.05	-74.72
Vrx, V2 (WL [dBm])	-64.44	-62.52	-63.55	-63.56	-75.01
Vrx, V2 (WL [dBm])	-64.51	-62.80	-63.56	-63.57	-75.06



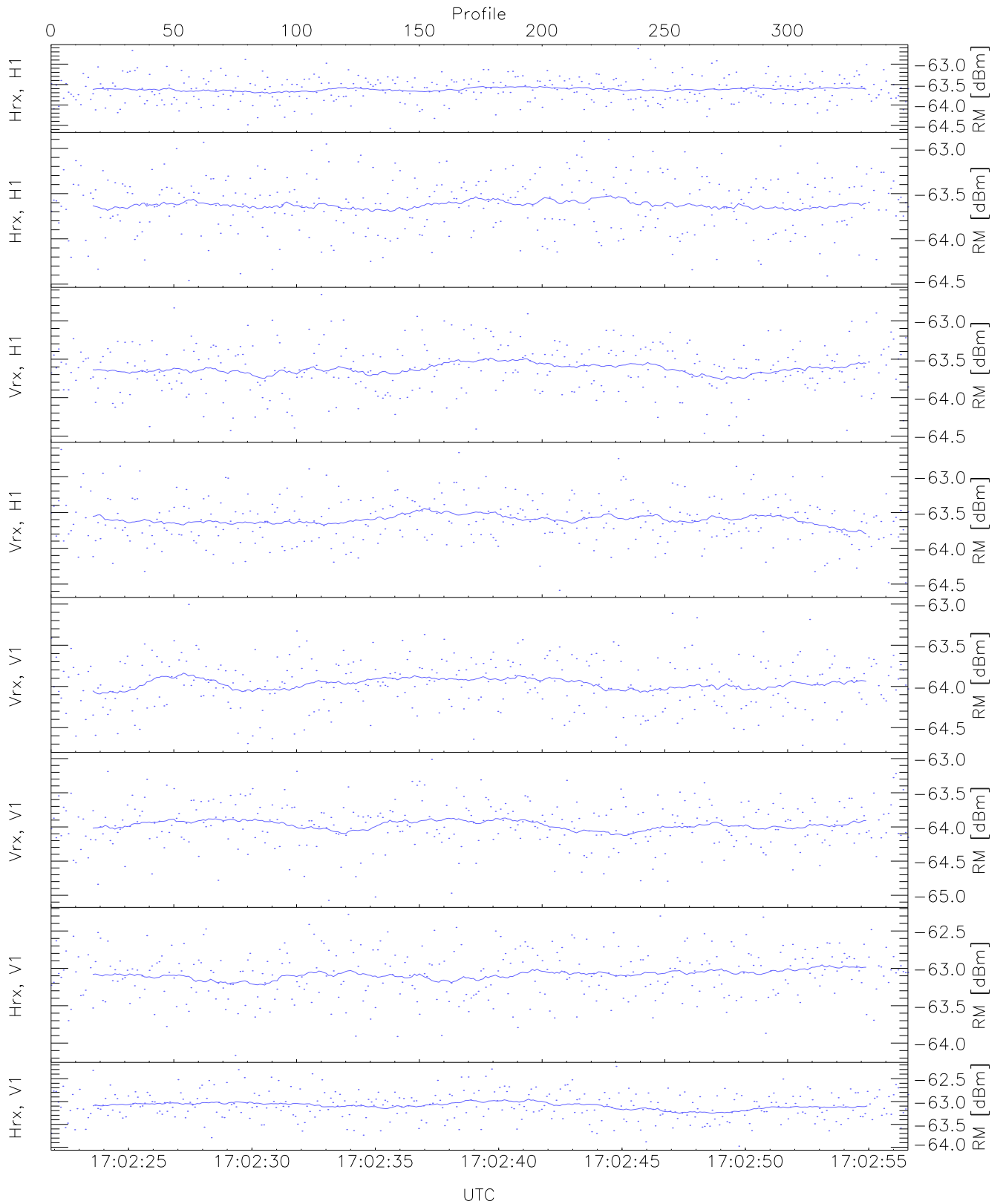
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (HL [dBm])	-63.75	-62.08	-62.81	-62.81	-74.23
Hrx, H1 (HL [dBm])	-63.75	-62.00	-62.78	-62.78	-74.32
Vrx, H1 (HL [dBm])	-64.09	-62.26	-63.35	-63.35	-74.65
Vrx, H1 (HL [dBm])	-64.22	-62.33	-63.33	-63.32	-74.91
Vrx, V1 (HL [dBm])	-64.29	-62.48	-63.36	-63.36	-74.83
Vrx, V1 (HL [dBm])	-64.15	-62.55	-63.34	-63.35	-75.08
Hrx, V1 (HL [dBm])	-63.74	-61.84	-62.81	-62.81	-74.05
Hrx, V1 (HL [dBm])	-63.85	-61.78	-62.82	-62.83	-74.19



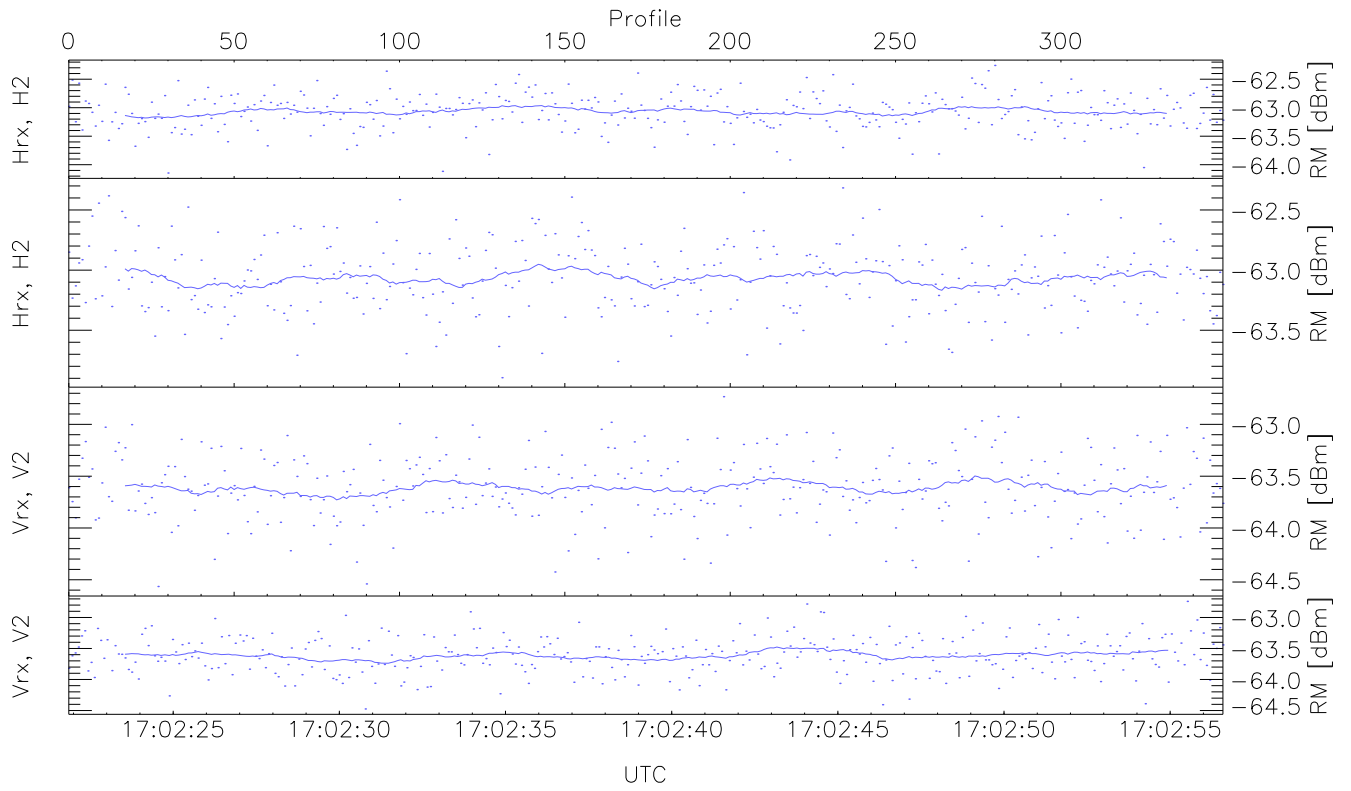
WCR2 CPP Receivers Noise Power from the Hot Loads Measurements

	Min	Max	Mean	Median	StDev
Hrx, H2 (HL [dBm])	-63.74	-61.74	-62.80	-62.82	-74.09
Hrx, H2 (HL [dBm])	-63.70	-61.85	-62.81	-62.82	-74.37
Vrx, V2 (HL [dBm])	-64.22	-62.51	-63.34	-63.33	-74.66
Vrx, V2 (HL [dBm])	-64.17	-62.56	-63.33	-63.30	-74.46



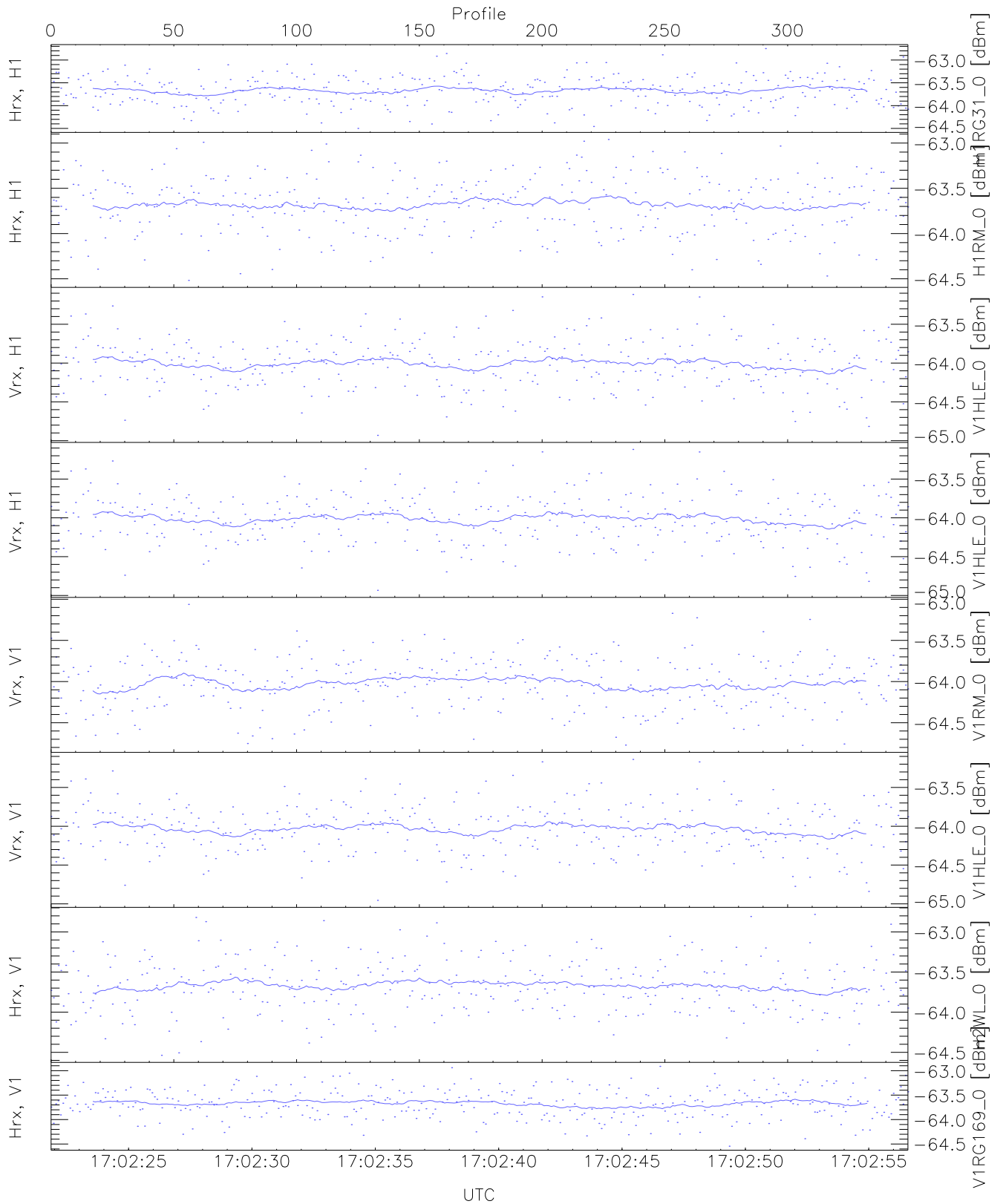
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H1 (RM [dBm])	-64.57	-62.62	-63.61	-63.60	-75.05
Hrx, H1 (RM [dBm])	-64.46	-62.90	-63.61	-63.60	-75.08
Vrx, H1 (RM [dBm])	-64.49	-62.66	-63.61	-63.62	-74.94
Vrx, H1 (RM [dBm])	-64.59	-62.62	-63.59	-63.62	-74.83
Vrx, V1 (RM [dBm])	-64.72	-63.00	-63.96	-63.96	-75.46
Vrx, V1 (RM [dBm])	-65.07	-63.01	-63.96	-63.96	-75.13
Hrx, V1 (RM [dBm])	-64.16	-62.28	-63.07	-63.05	-74.35
Hrx, V1 (RM [dBm])	-63.98	-62.23	-63.08	-63.10	-74.63



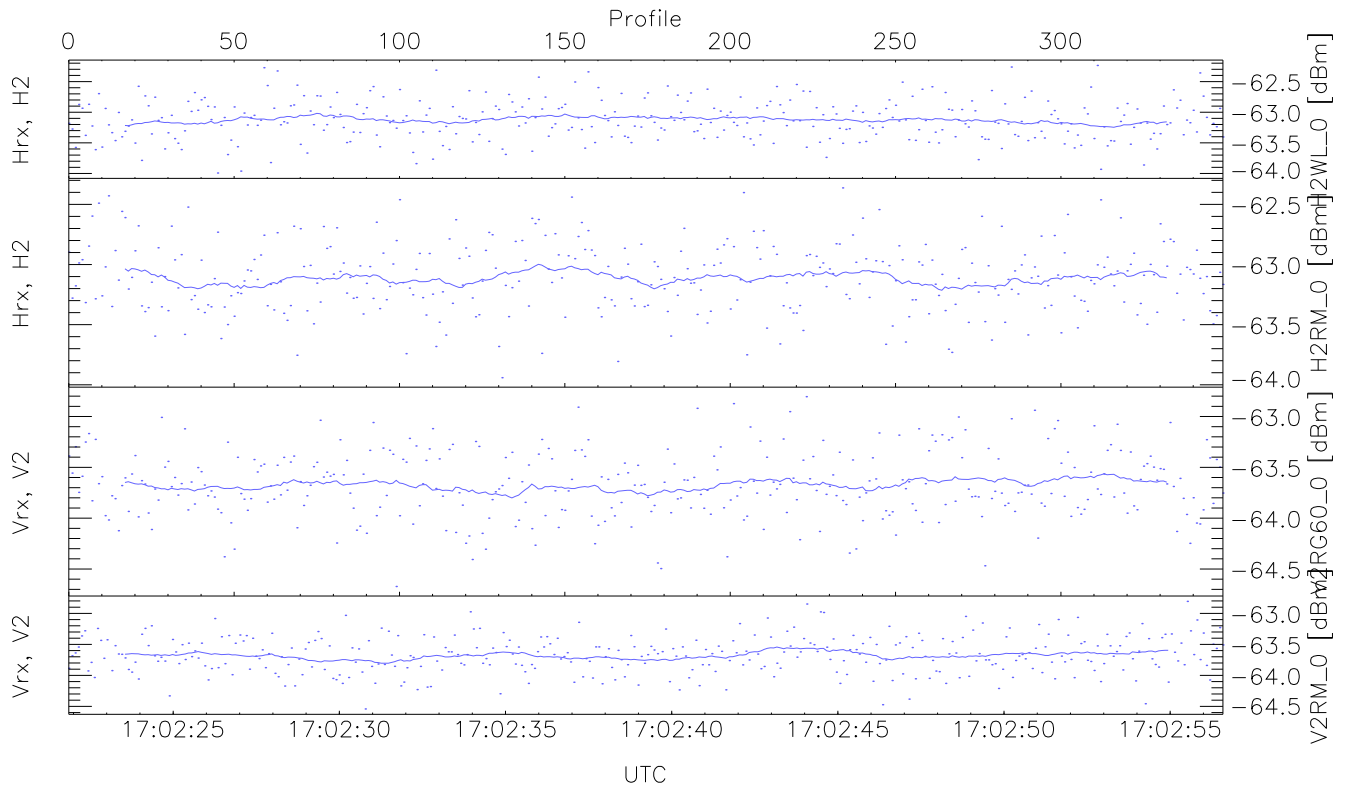
WCR2 CPP Receivers Noise Power from the Sky/RM Measurements

	Min	Max	Mean	Median	StDev
Hrx, H2 (RM [dBm])	-64.15	-62.26	-63.06	-63.05	-74.55
Hrx, H2 (RM [dBm])	-63.89	-62.32	-63.06	-63.06	-74.86
Vrx, V2 (RM [dBm])	-64.57	-62.73	-63.60	-63.61	-74.93
Vrx, V2 (RM [dBm])	-64.47	-62.74	-63.60	-63.61	-75.26



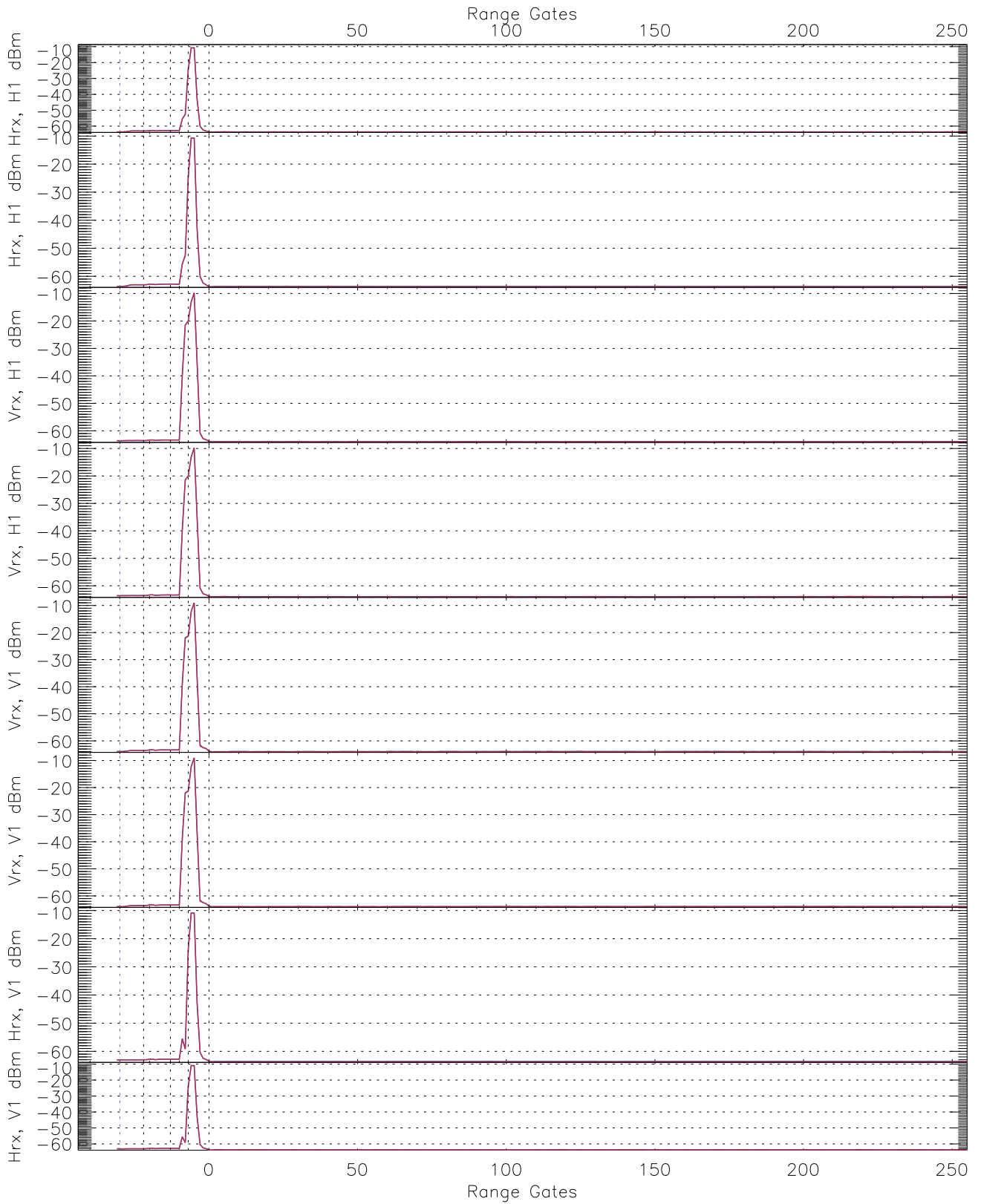
WCR2 CPP "Best" estimate Receivers Noise Power

	Min	Max	Mean	Median	StDev
H1RG31_0 [dBm]	-64.50	-62.75	-63.66	-63.65	-75.11
H1RM_0 [dBm]	-64.52	-62.96	-63.67	-63.66	-75.14
V1HLE_0 [dBm]	-64.93	-63.12	-64.00	-63.99	-75.47
V1RM_0 [dBm]	-64.93	-63.12	-64.00	-64.00	-75.47
V1HLE_0 [dBm]	-64.95	-63.14	-64.02	-64.02	-75.49
H2WL_0 [dBm]	-64.54	-62.78	-63.66	-63.70	-74.92
V1RG169_0 [dBm]	-64.54	-62.91	-63.66	-63.67	-75.39

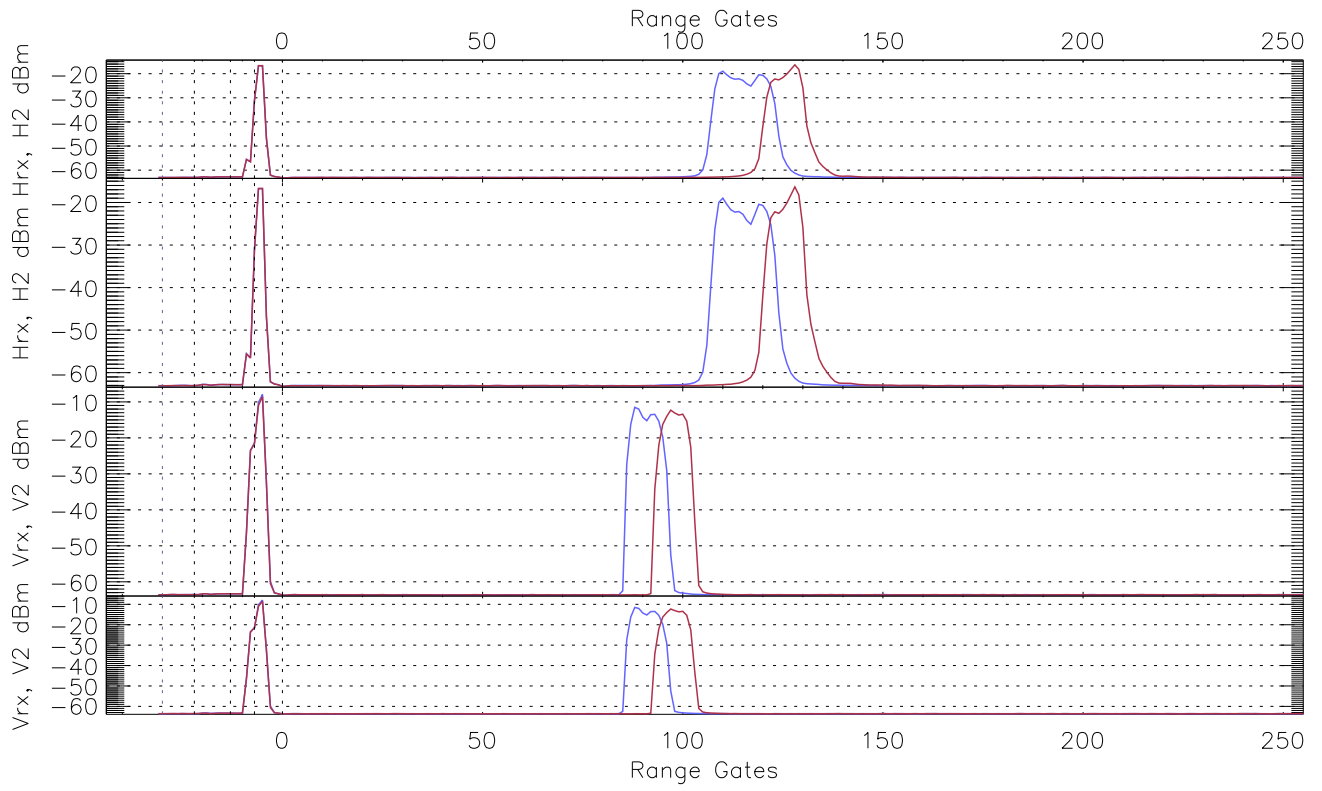


WCR2 CPP "Best" estimate Receivers Noise Power

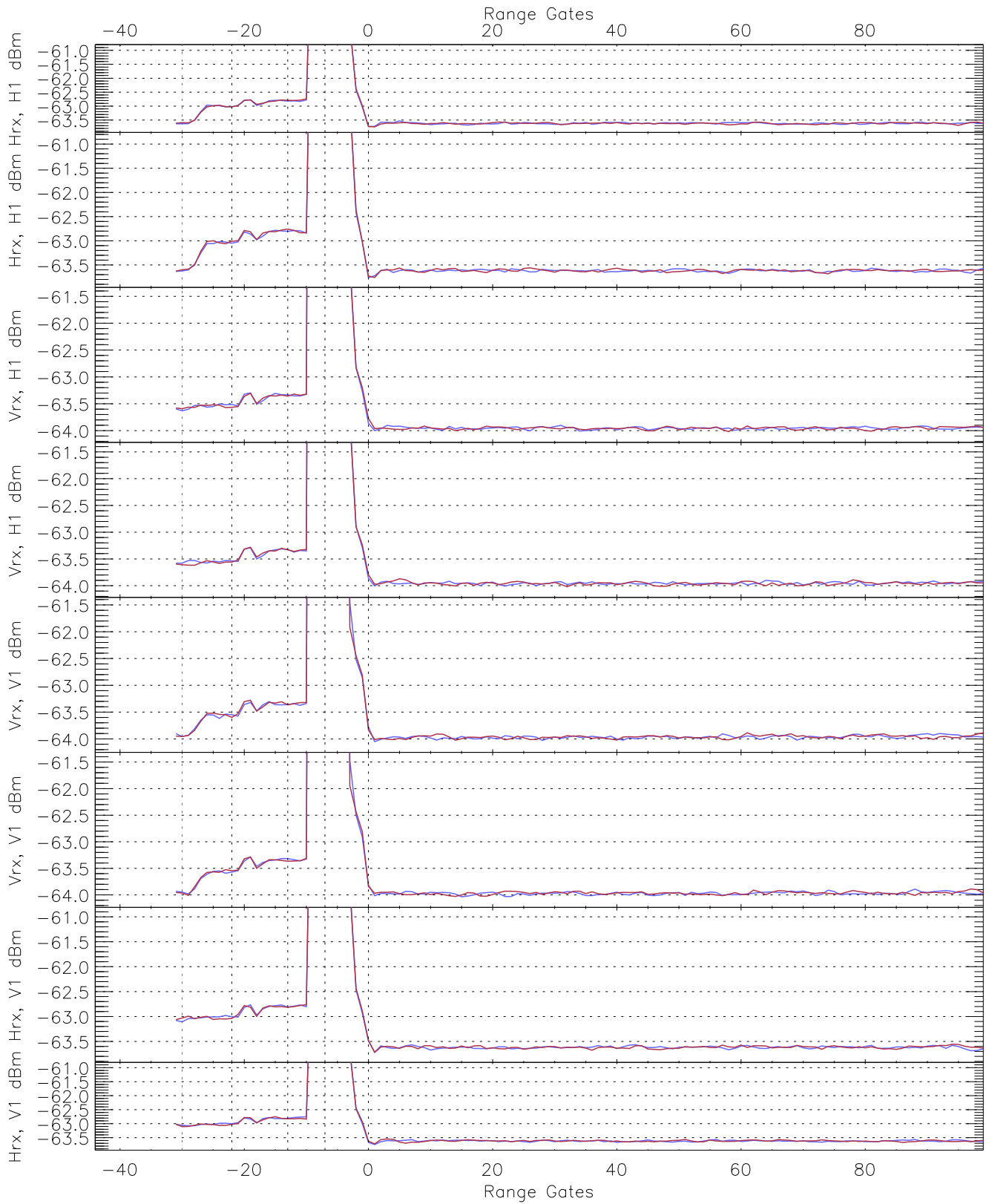
	Min	Max	Mean	Median	StDev
H2WL_0 [dBm]	-63.99	-62.24	-63.12	-63.15	-74.37
H2RM_0 [dBm]	-63.94	-62.36	-63.10	-63.11	-74.91
V2RG60_0 [dBm]	-64.67	-62.81	-63.66	-63.69	-74.89
V2RM_0 [dBm]	-64.54	-62.81	-63.66	-63.67	-75.33



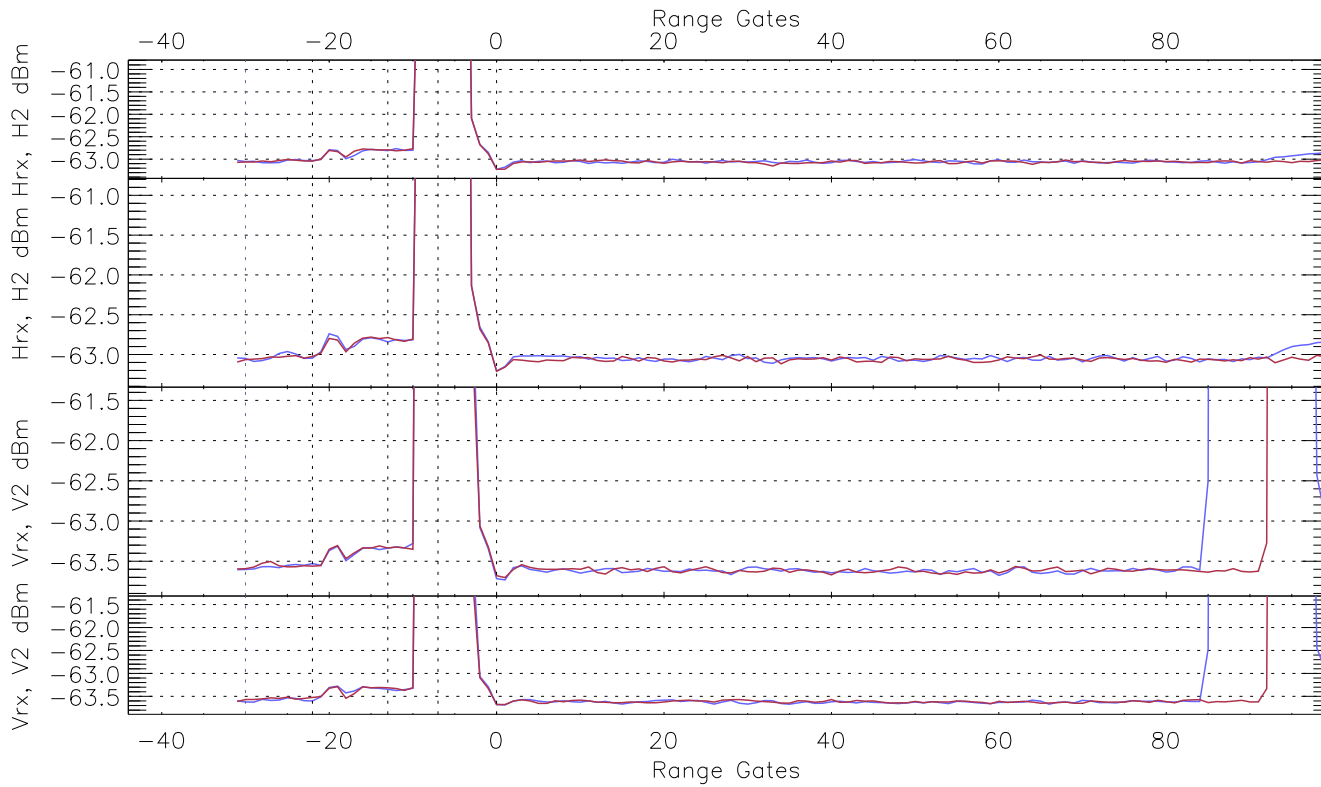
WCR2 CPP Averaged Received power for all recorded gates
blue: 170222-170239, 176 profiles averaged
red: 170239-170257, 175 profiles averaged



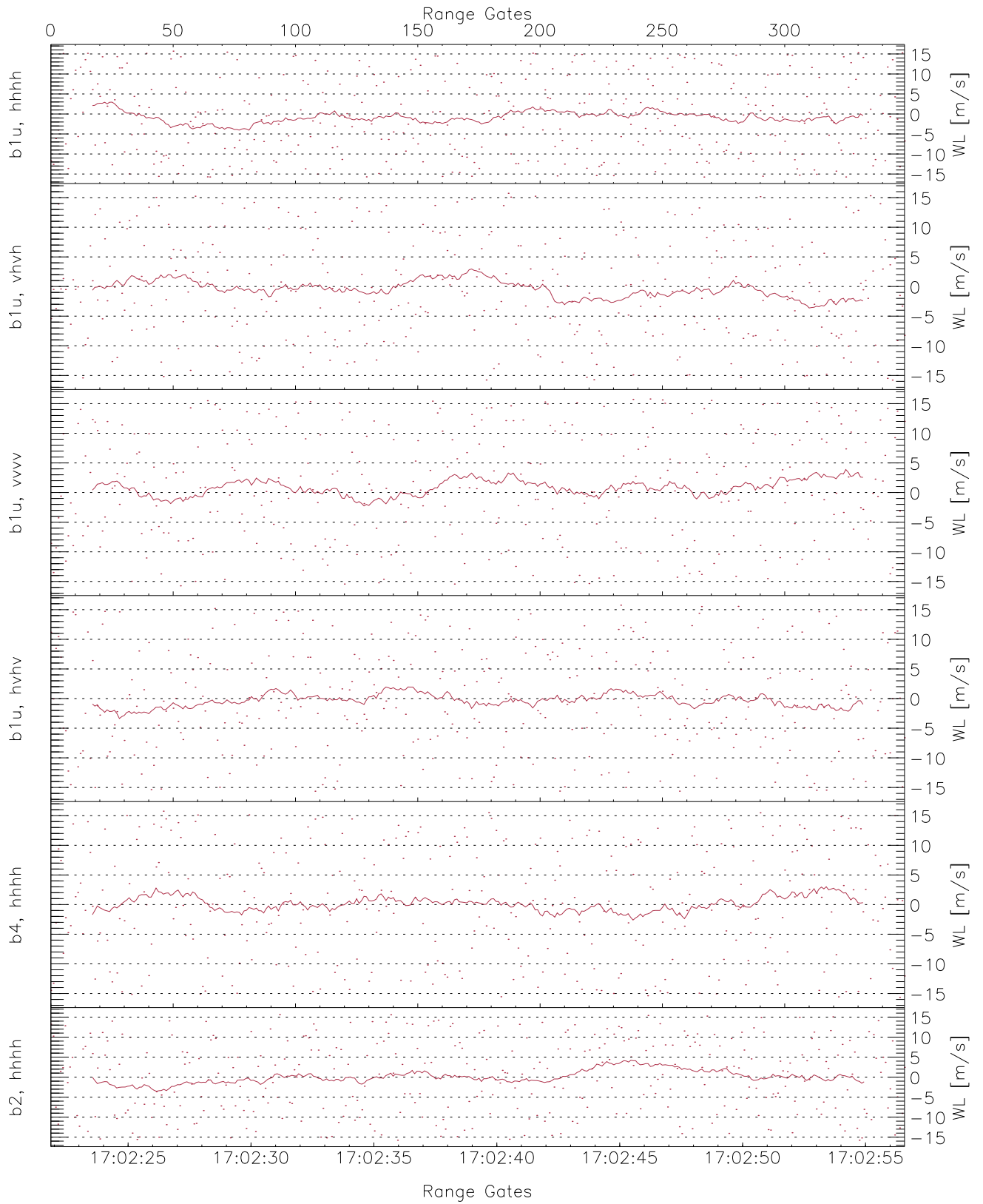
WCR2 CPP Averaged Received power for all recorded gates
blue: 170222-170239, 176 profiles averaged
red: 170239-170257, 175 profiles averaged



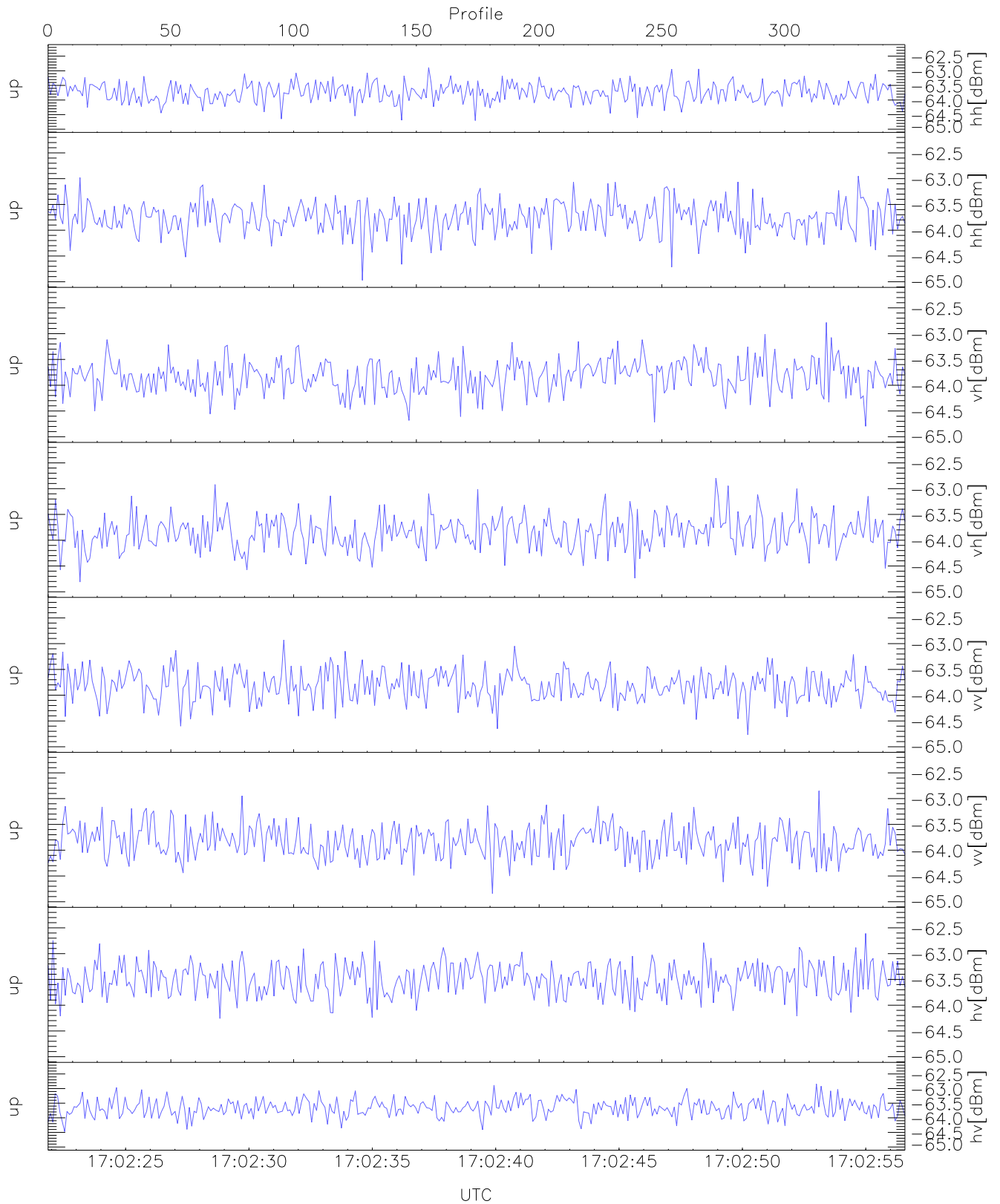
WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 170222-170239, 176 profiles averaged
red: 170239-170257, 175 profiles averaged



WCR2 CPP Averaged Received power for the negative gates and up to 100 gates
blue: 170222-170239, 176 profiles averaged
red: 170239-170257, 175 profiles averaged

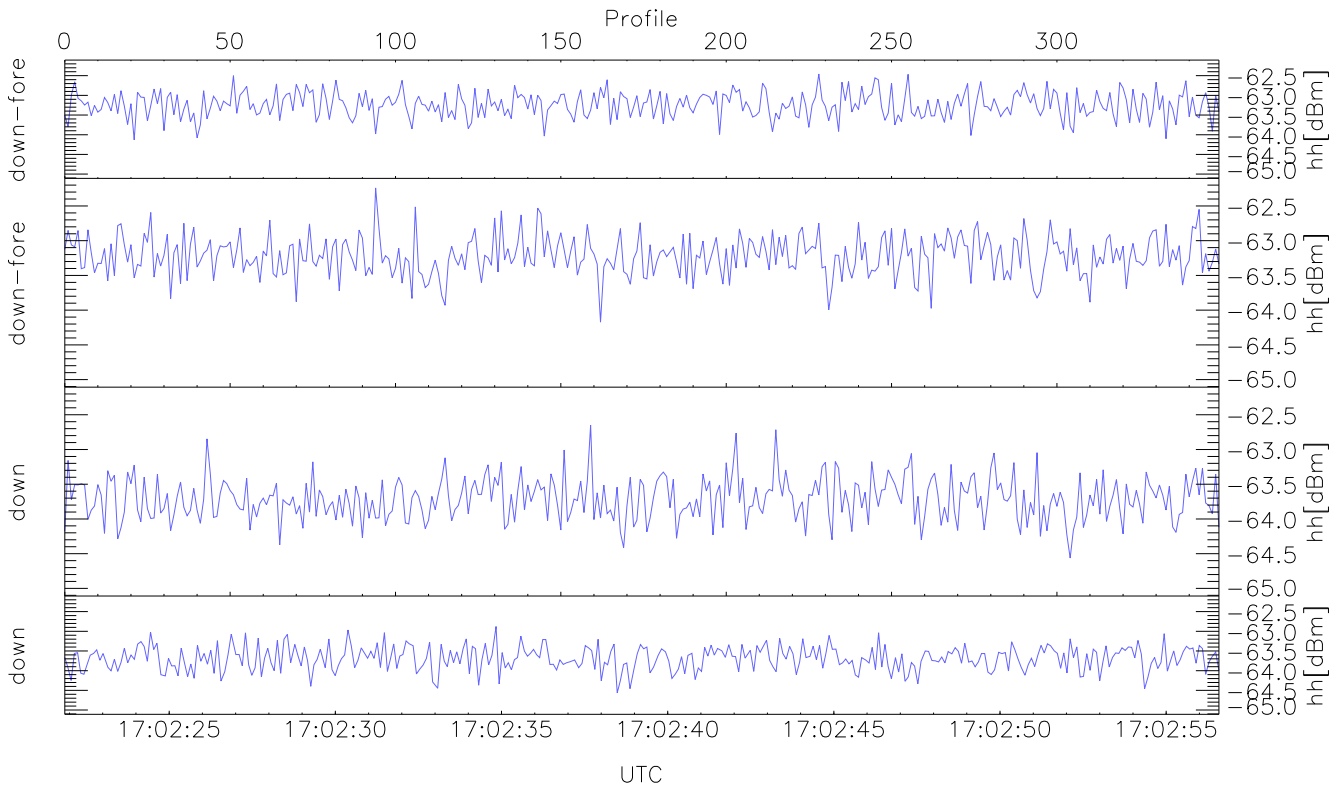


WCR2 CPP Receivers Phase Noise (in m/s) from the Warm Loads Measurements



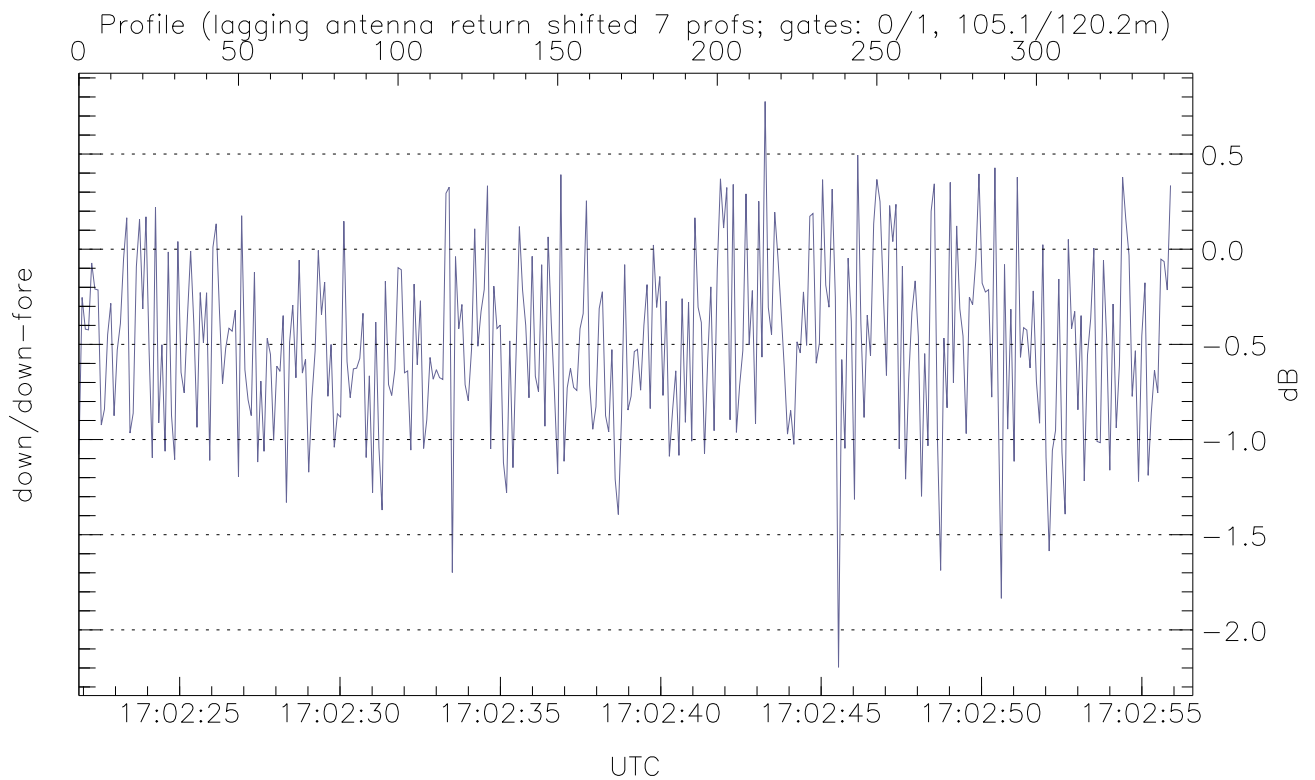
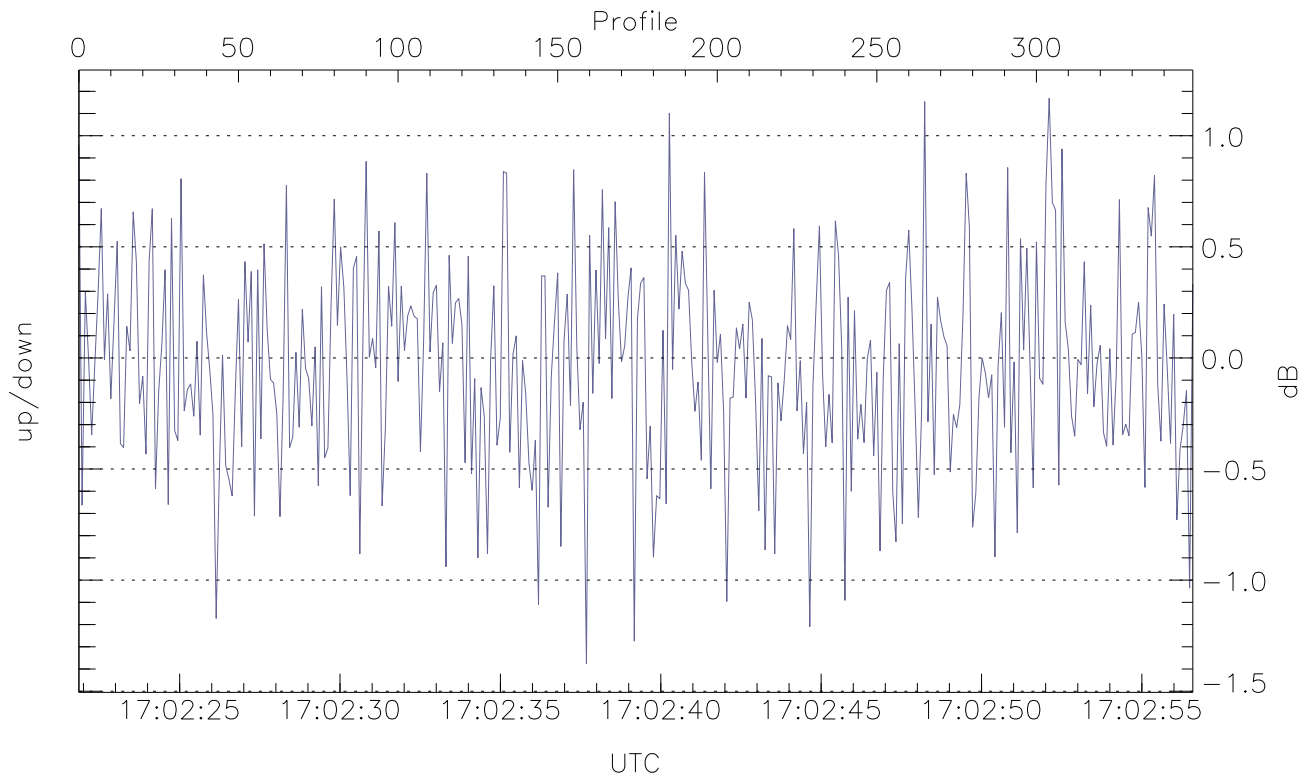
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
up(hh[dBm])	-64.71	-62.89	-63.73
up(hh[dBm])	-64.97	-62.95	-63.75
up(vh[dBm])	-64.80	-62.78	-63.82
up(vh[dBm])	-64.81	-62.79	-63.83
up(vv[dBm])	-64.77	-62.93	-63.81
up(vv[dBm])	-64.84	-62.85	-63.83
up(hv[dBm])	-64.26	-62.61	-63.49
up(hv[dBm])	-64.47	-62.84	-63.65



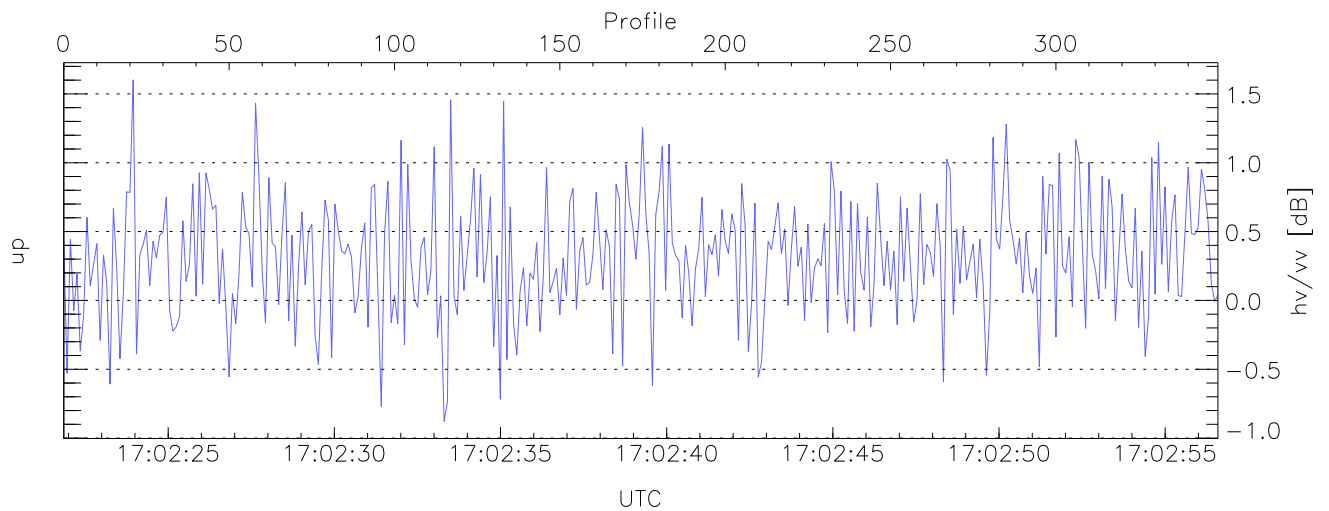
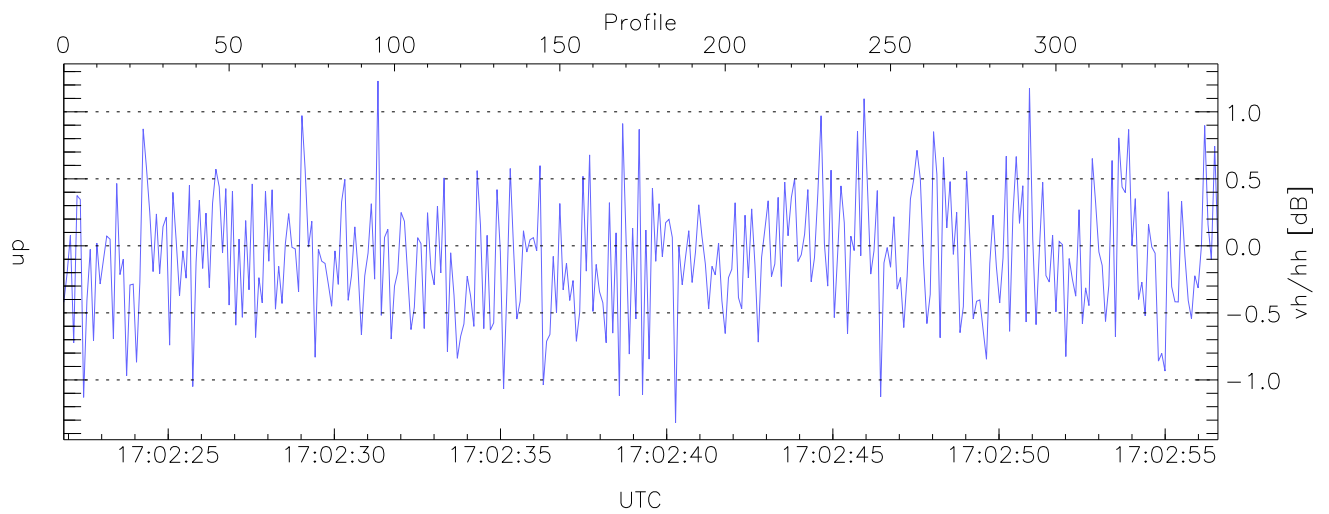
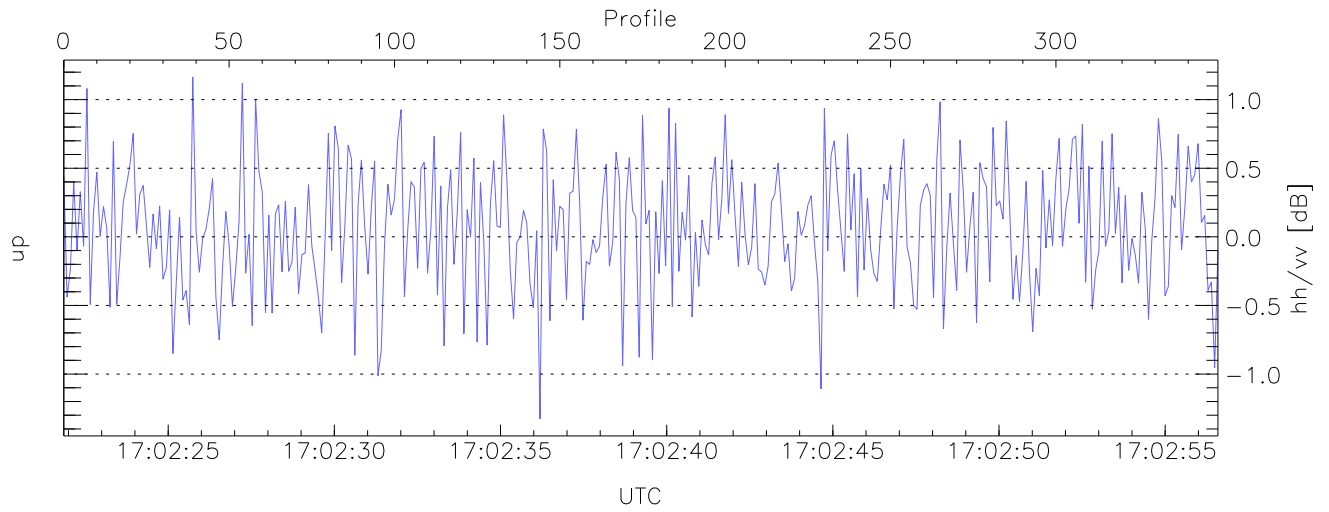
WCR2 CPP Received Power Products for Range gate 0 (105.1 m)

	Min	Max	Mean
down-fore(hh[dBm])	-64.13	-62.46	-63.23
down-fore(hh[dBm])	-64.17	-62.24	-63.21
down(hh[dBm])	-64.56	-62.65	-63.70
down(hh[dBm])	-64.56	-62.88	-63.68



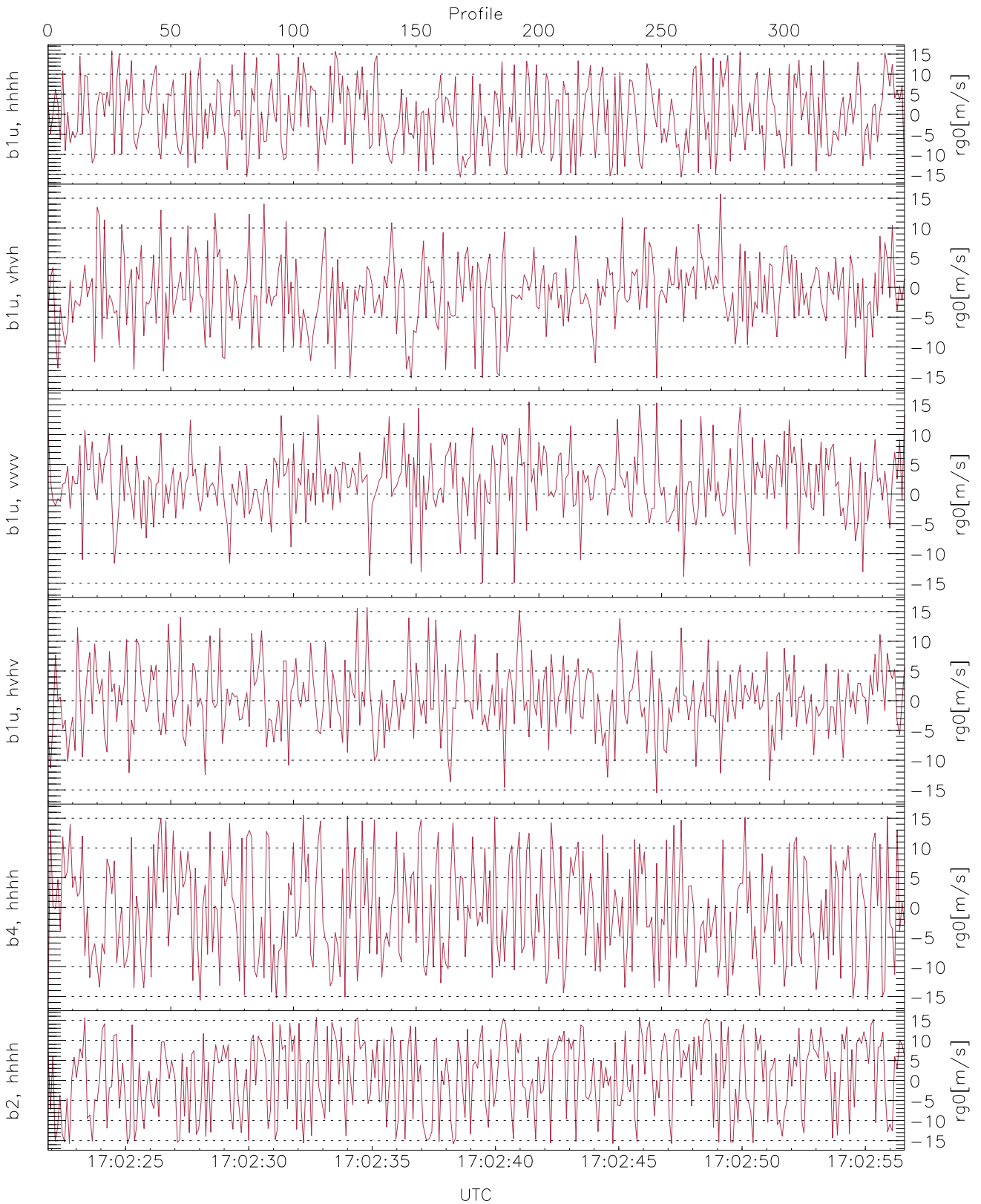
WCR2 Beam pairs Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up/down (dB)	-1.38	1.17	-0.03
down/down-fore (dB)	-2.20	0.78	-0.50



WCR2 Co- and Cross-pol Received Power Ratio(s); RangeGate: 0 (105 m)

	Min	Max	Mean
up(hh/vv [dB])	-1.33	1.16	0.09
up(vh/hh [dB])	-1.32	1.23	-0.06
up(hv/vv [dB])	-0.88	1.60	0.34



WCR2 CPP Doppler Velocity Products at 105.1 m range

	Min	Max	Mean	StDev
b1u, hhhh(rg0[m/s])	-15.68	15.79	-0.28	8.52
b1u, vvhv(rg0[m/s])	-15.26	15.74	-0.95	5.94
b1u, vvvv(rg0[m/s])	-14.94	15.51	1.70	5.60
b1u, hvhv(rg0[m/s])	-15.51	15.67	0.32	5.77
b4, hhhh(rg0[m/s])	-15.62	15.51	-0.47	8.65
b2, hhhh(rg0[m/s])	-15.79	15.78	0.91	9.59