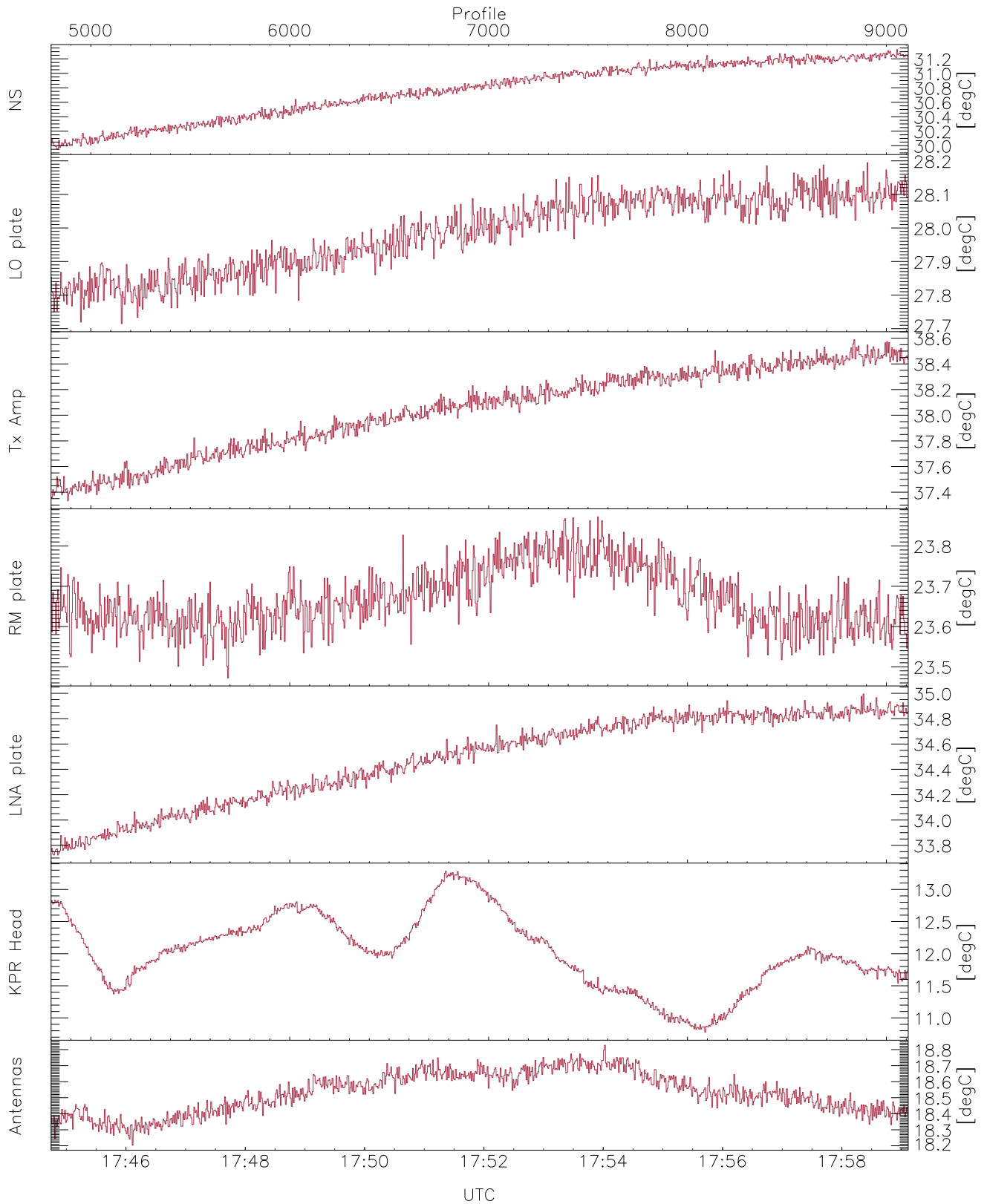


KPR SPP; Ant(s): UP; Radiometer: OFF

UTC: 17:28:45-17:59:07, TimeCor: 0.00s, Dur: 862.07s
 TimeInt(min,max,mn,std): 197.8,202.3,200.0,0.1 ms; PPS: 5.0
 NumRec(r/t): 4311/9111, 4800-9110/17:44:45-17:59:07
 AcqTime(req,actual): 200.0,200.0 ms, Data Rate: 41.2 KB/s
 Pulse: 618 ns, Chirp: 6.18 us, DRxIF: 2.0 MHz
 PRF: 18.5 KHz, avgPulses: 3704, avgPP: 3703
 NyquistVel: 38.9 m/s, RangeRes:75.0 m
 Pulse Range(min,max): 159, 6529 m, Gates: 171
 Chirp Range(min,max): 1210, 6494 m, Gates: 142
 RangeGateSampling: 37.5 m, Aspect: 2.1

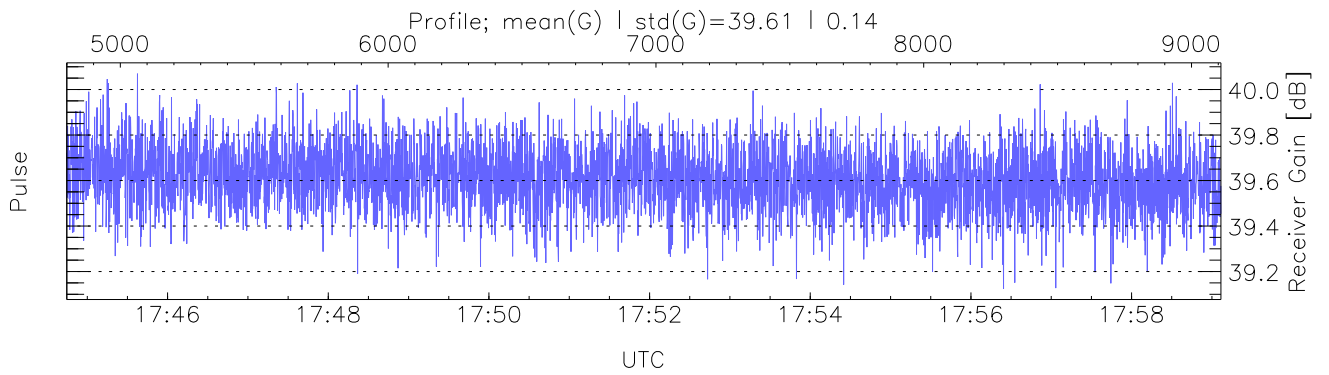
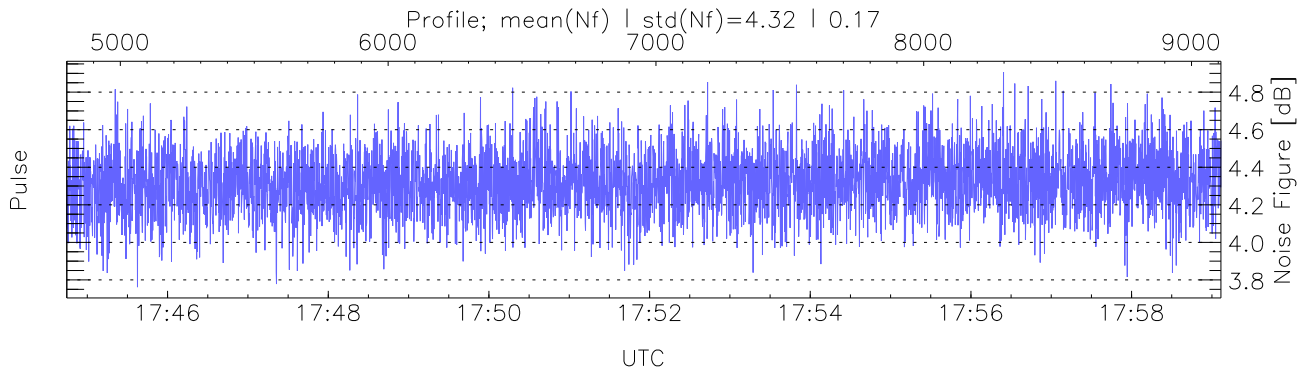
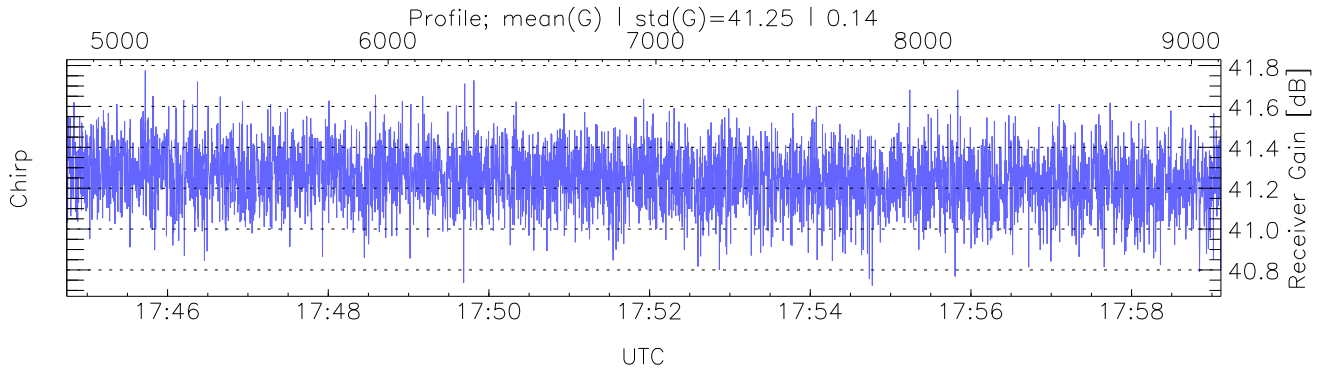
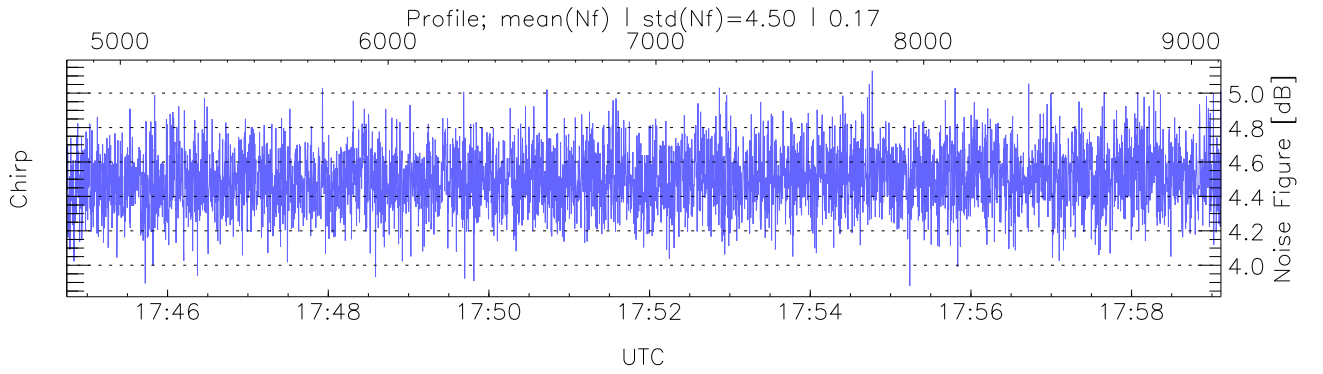


KPR SPP Temperatures, Power Supplies, PLO lock:

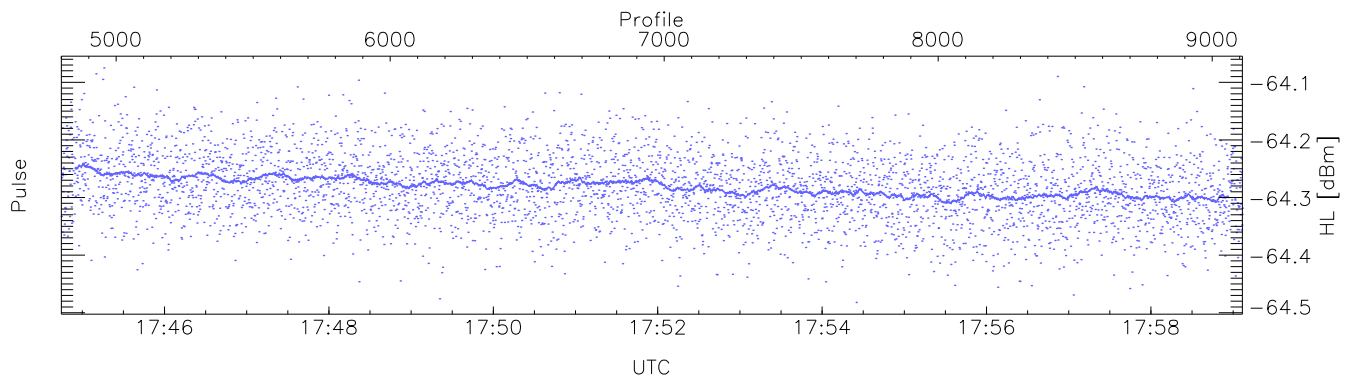
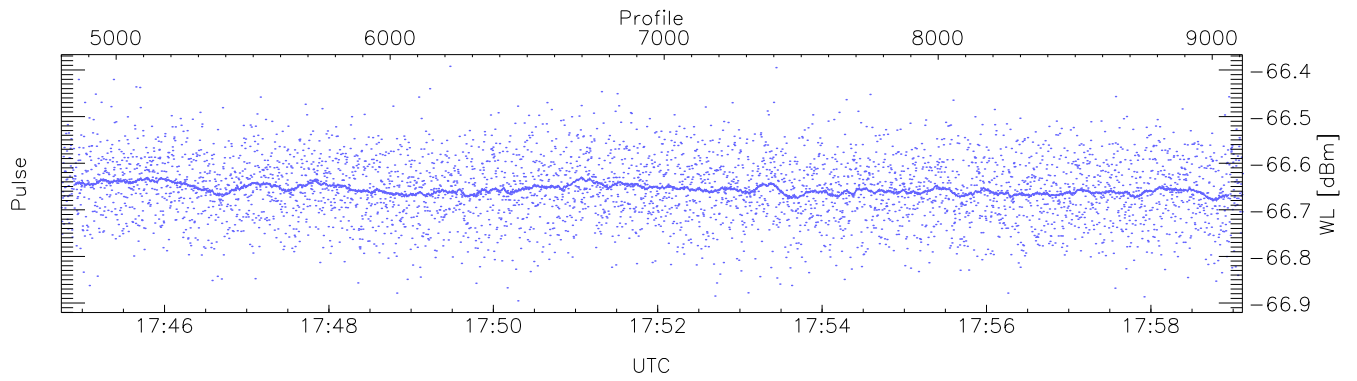
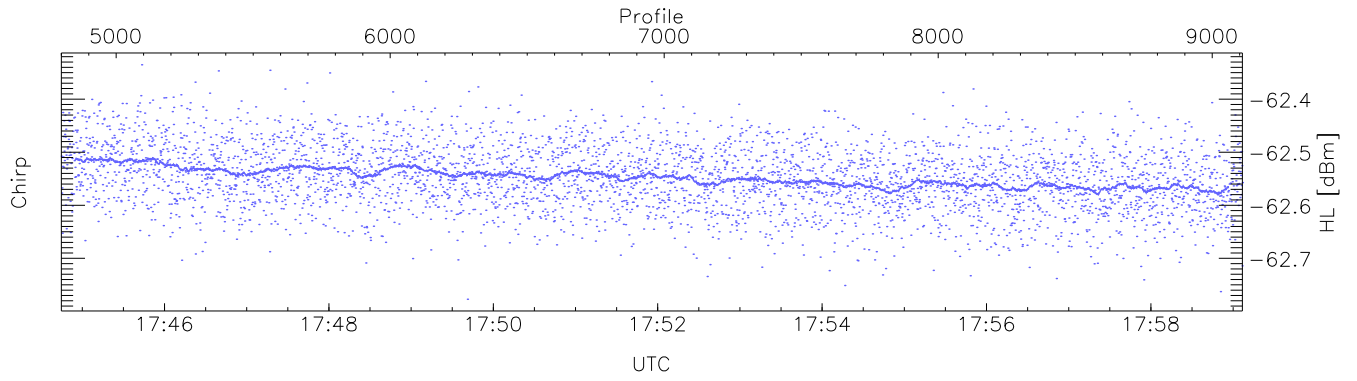
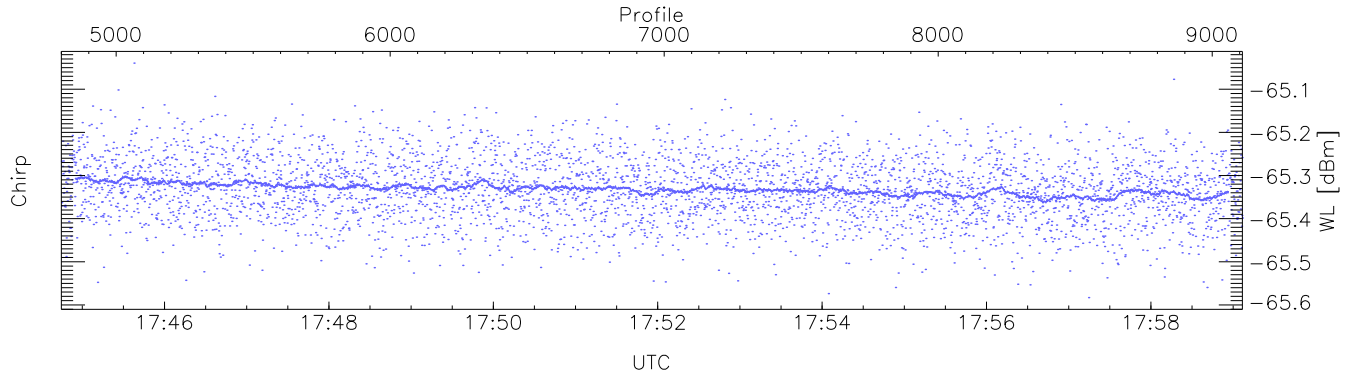
temperature:	NS,	LO,	Tx,	RM,	LNA,	Head,	Ant
mintempC:	29.9,	27.7,	37.3,	23.5,	33.7,	10.8,	18.2
maxtempC:	31.3,	28.2,	38.6,	23.9,	35.0,	13.3,	18.8
meantempC:	30.8,	28.0,	38.0,	23.7,	34.5,	12.0,	18.5

PwrSply:	28,	12,	8,	5 VDC
minVDC:	26.16,	11.66,	7.87,	5.22
maxVDC:	27.83,	11.72,	7.89,	5.23
meanVDC:	27.00,	11.69,	7.88,	5.23

PLO(3.84,15.84 GHz) unlocked: None

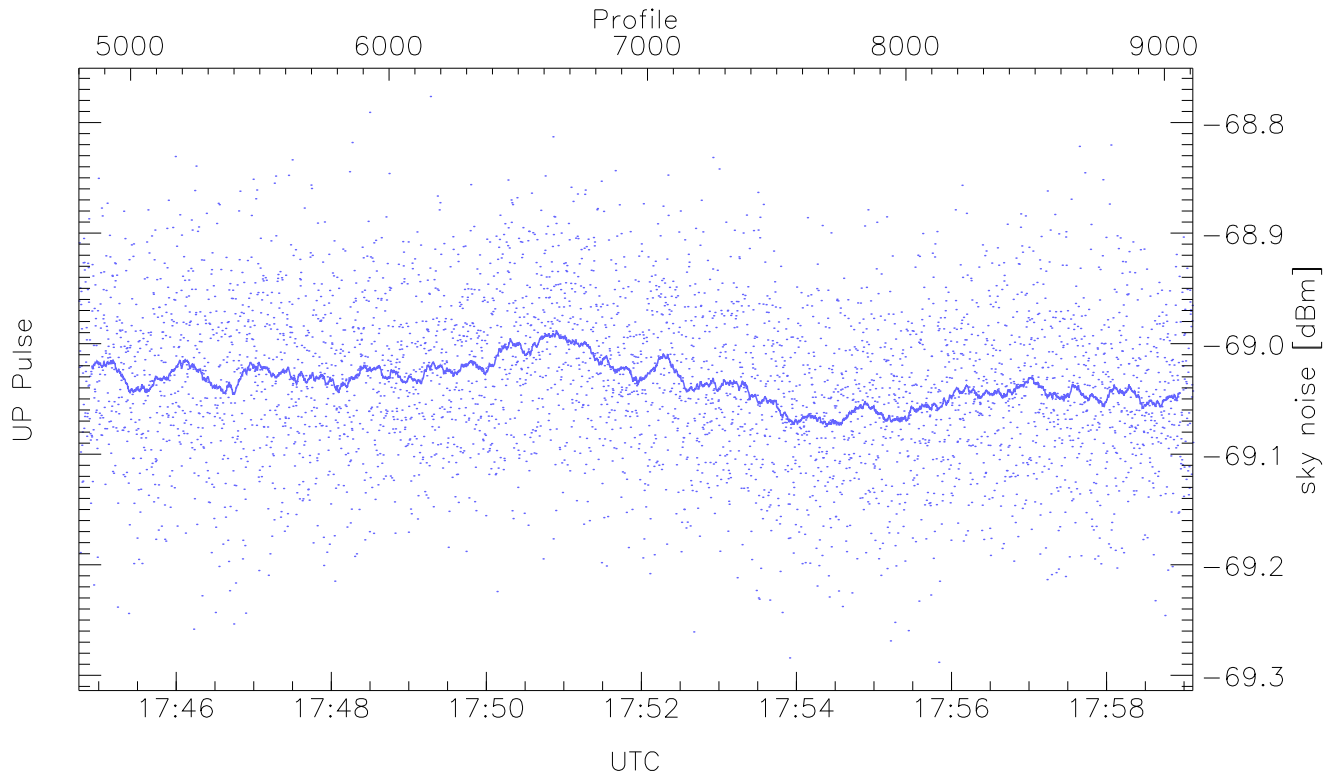
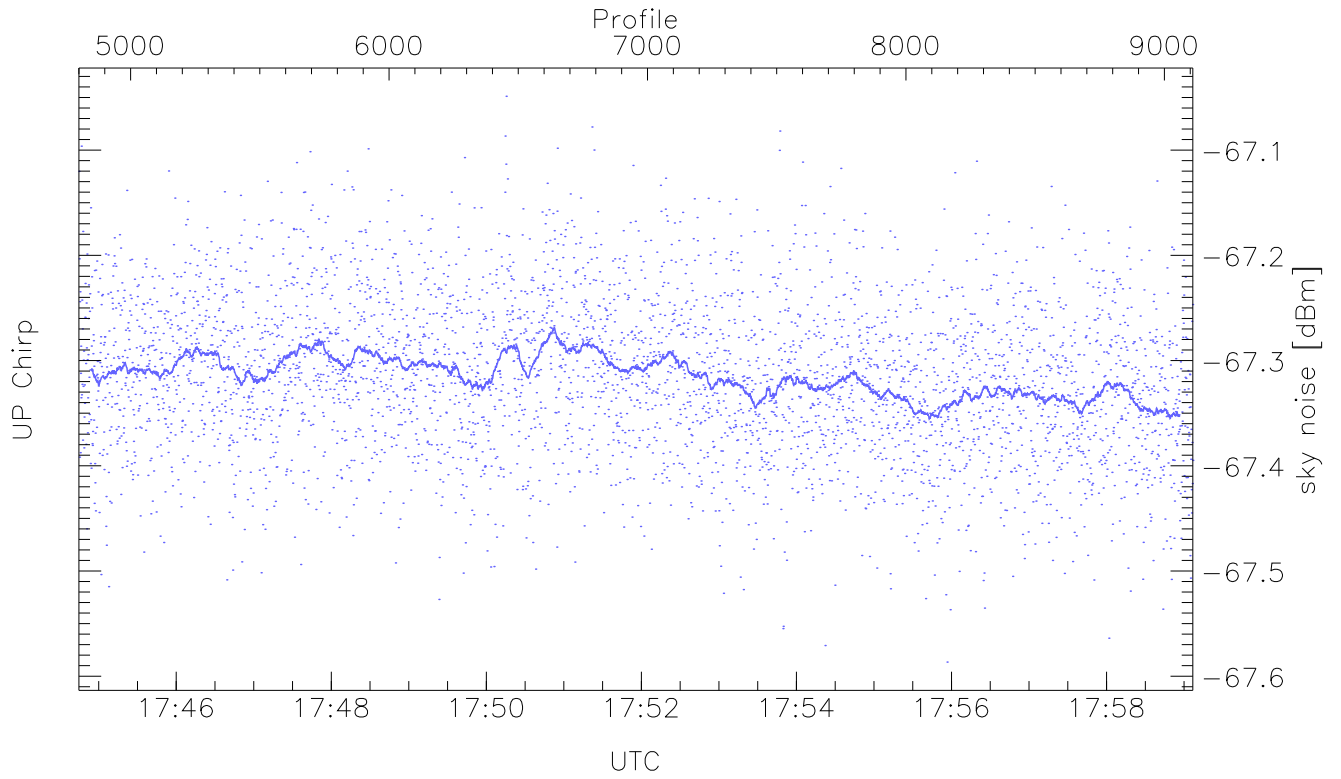


KPR SPP Receiver Gain and Noise Figure



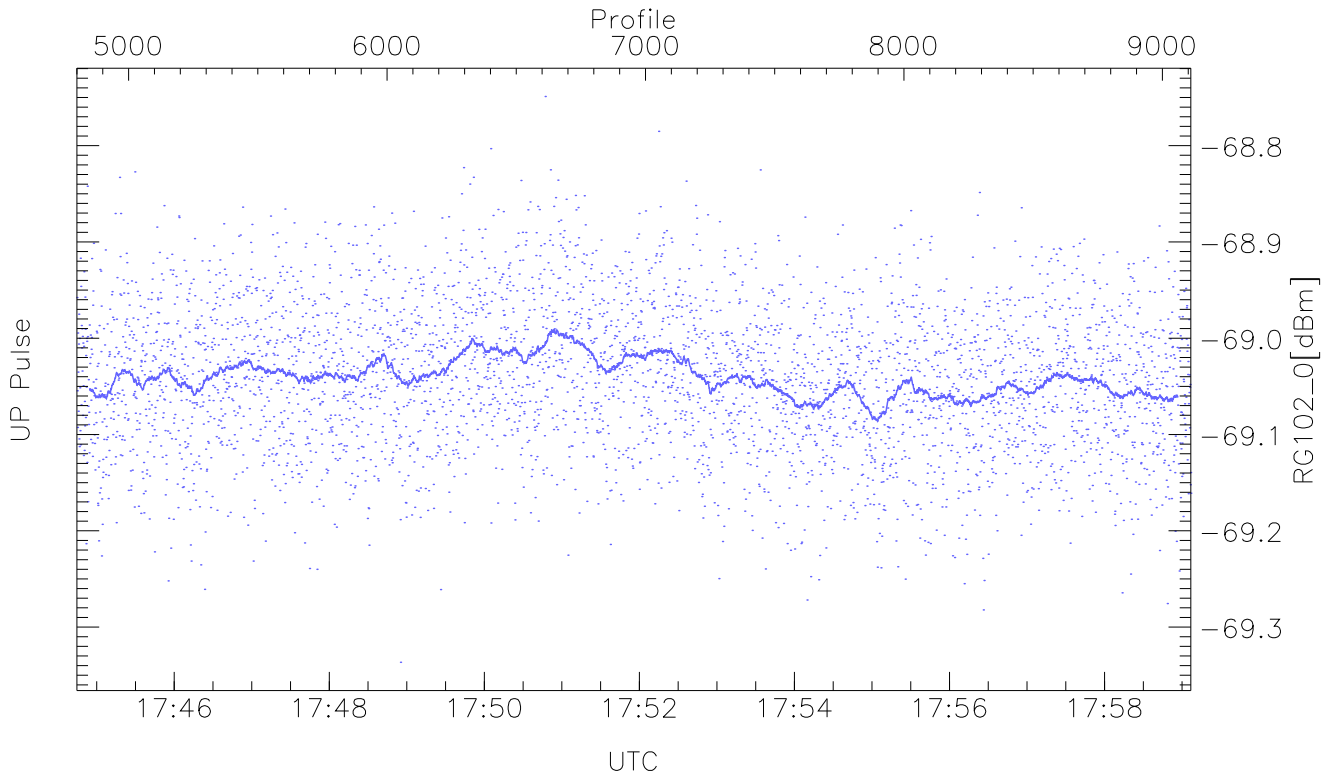
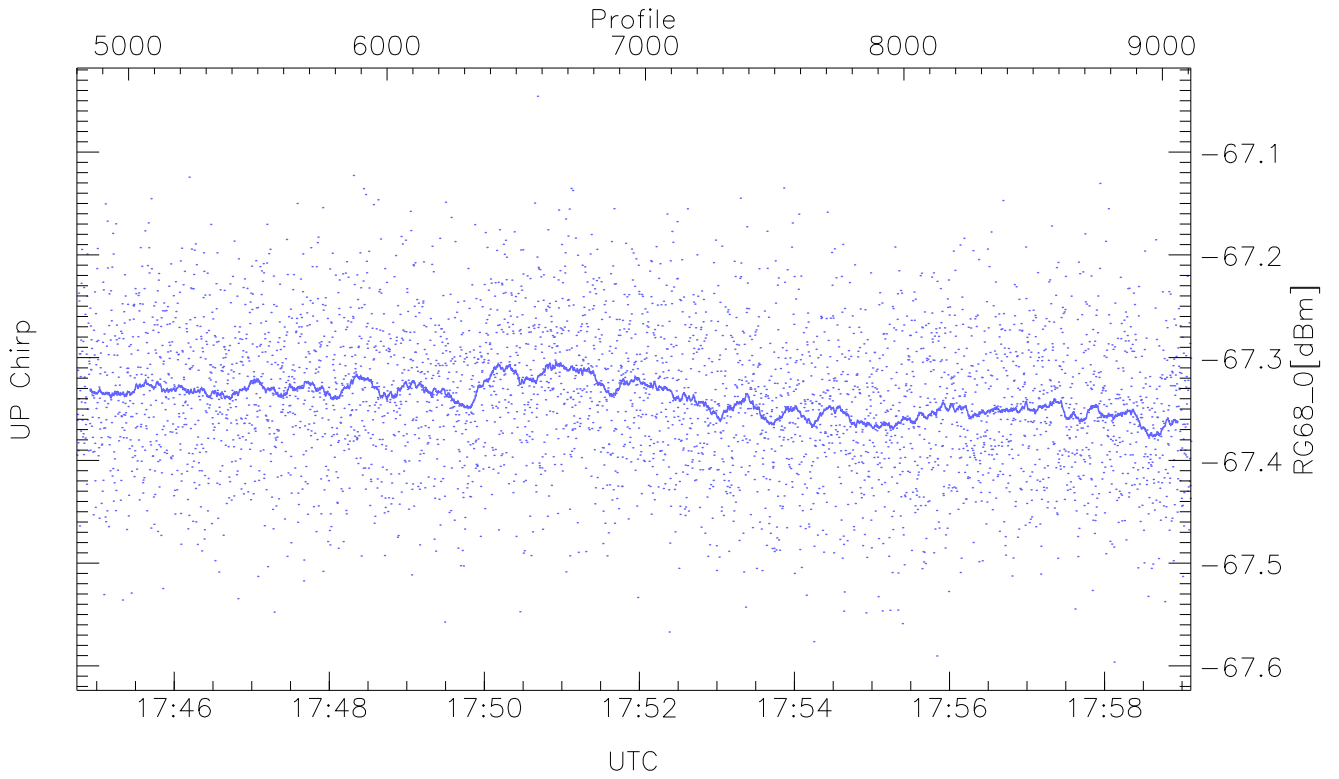
KPR SPP Receiver Noise Source Warm and Hot Measurements

	Min	Max	Mean	Median	StDev
Chirp(WL [dBm])	-65.58	-65.04	-65.33	-65.33	-83.16
Chirp(HL [dBm])	-62.78	-62.34	-62.55	-62.55	-81.18
Pulse(WL [dBm])	-66.90	-66.39	-66.66	-66.66	-84.49
Pulse(HL [dBm])	-64.48	-64.08	-64.28	-64.28	-83.02



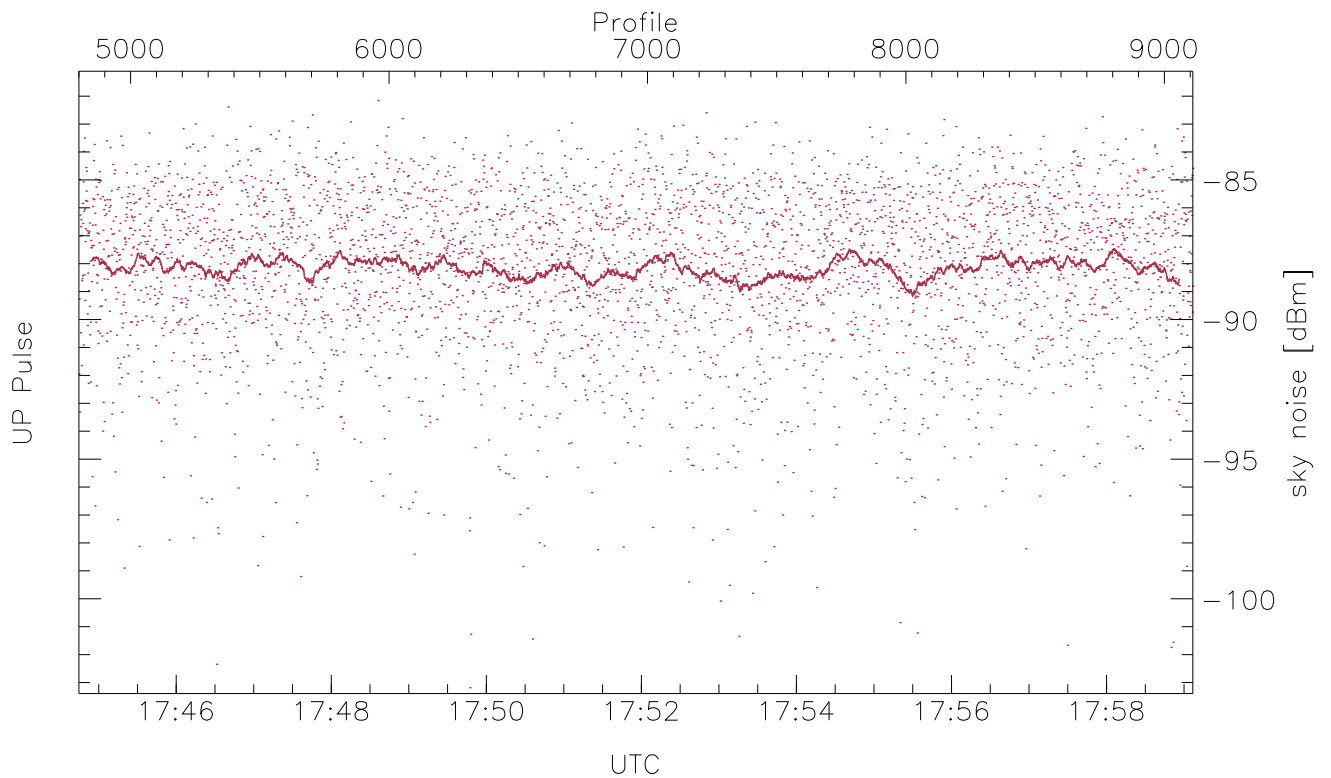
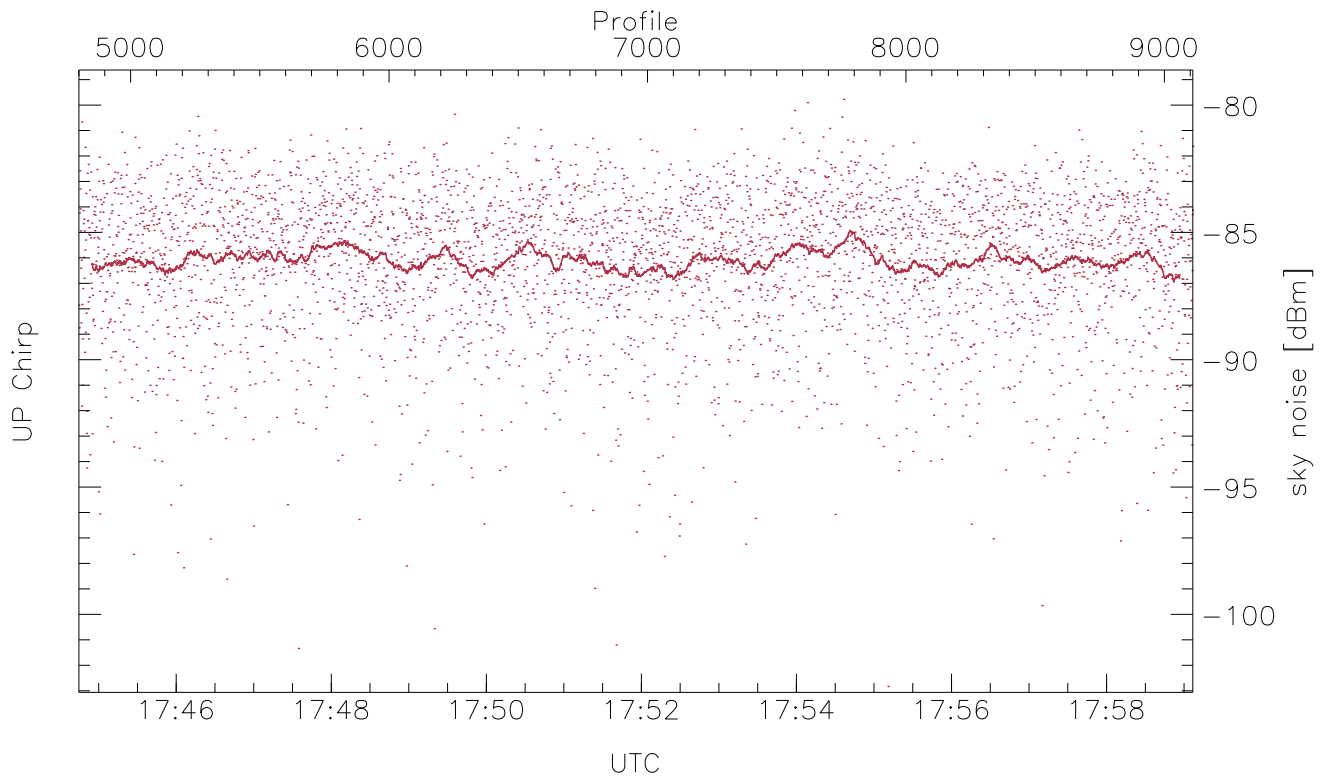
KPR SPP Last range gate power measurements: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-67.59	-67.05	-67.32	-67.32	-85.05
UP Pulse(dBm)	-69.29	-68.78	-69.03	-69.04	-86.78



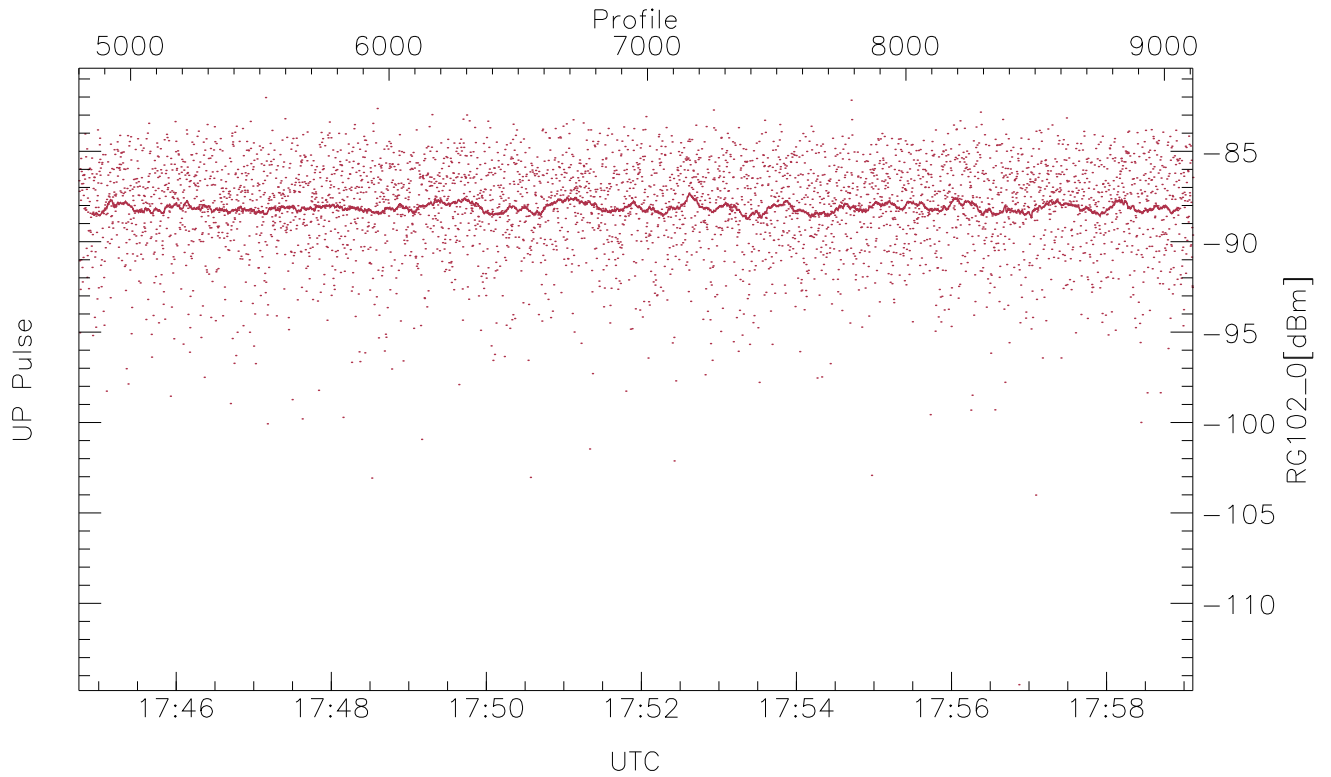
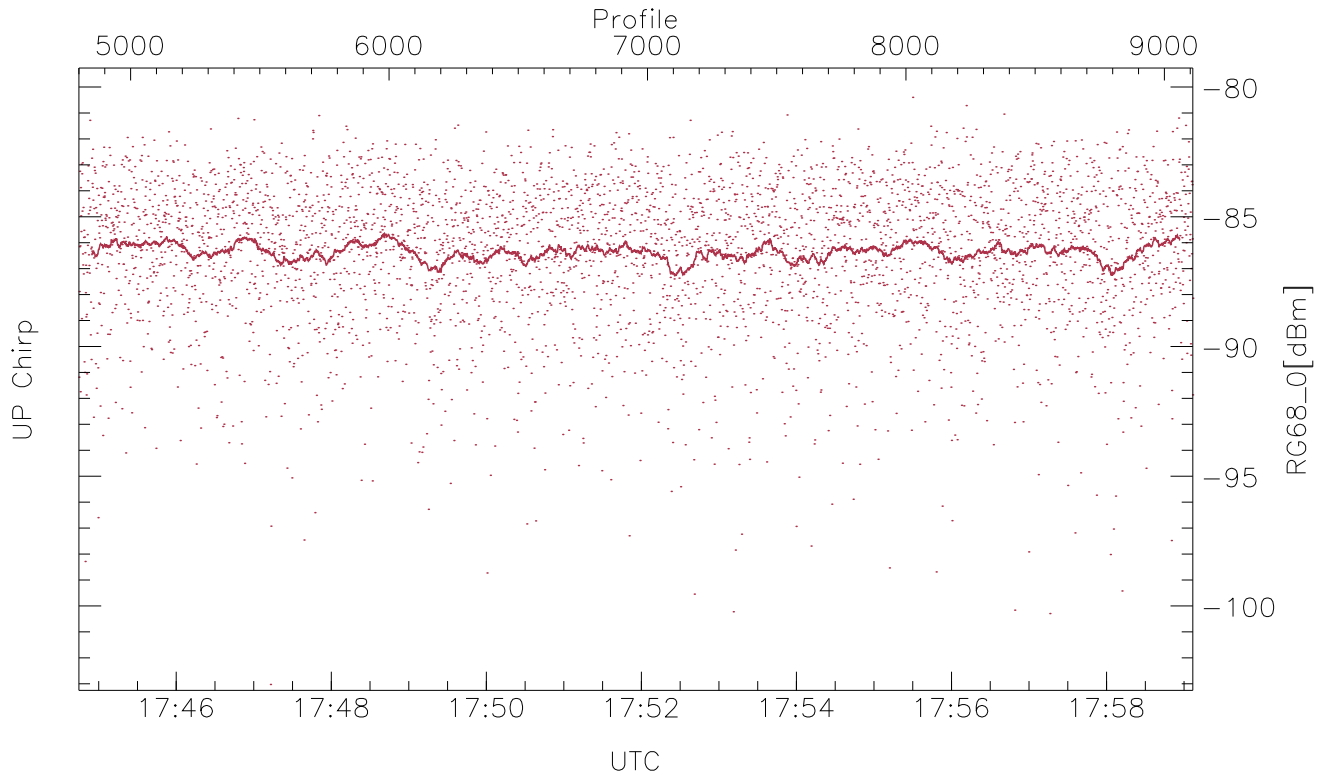
KPR SPP "Best" noise power measurements (dBm):

	Min	Max	Mean	Median	StDev
UP_C_RG68_0	-67.60	-67.05	-67.34	-67.34	-85.12
UP_P_RG102_0	-69.34	-68.75	-69.04	-69.04	-86.70



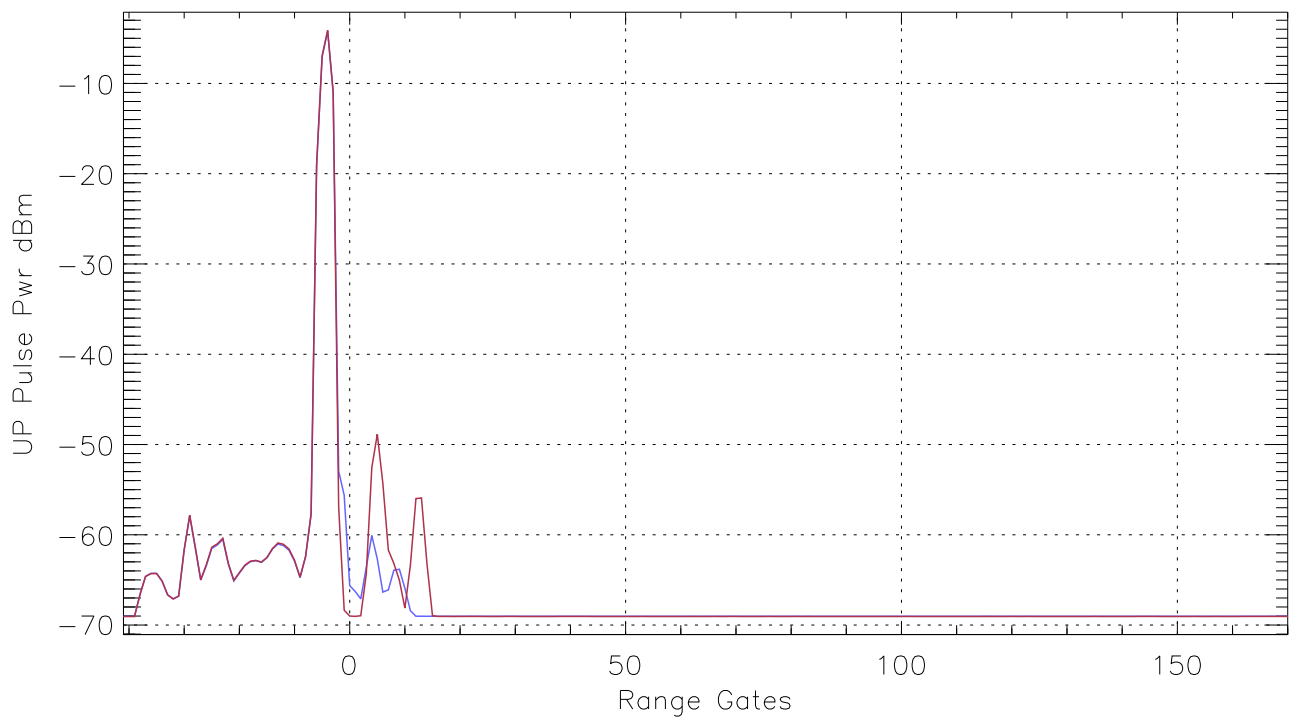
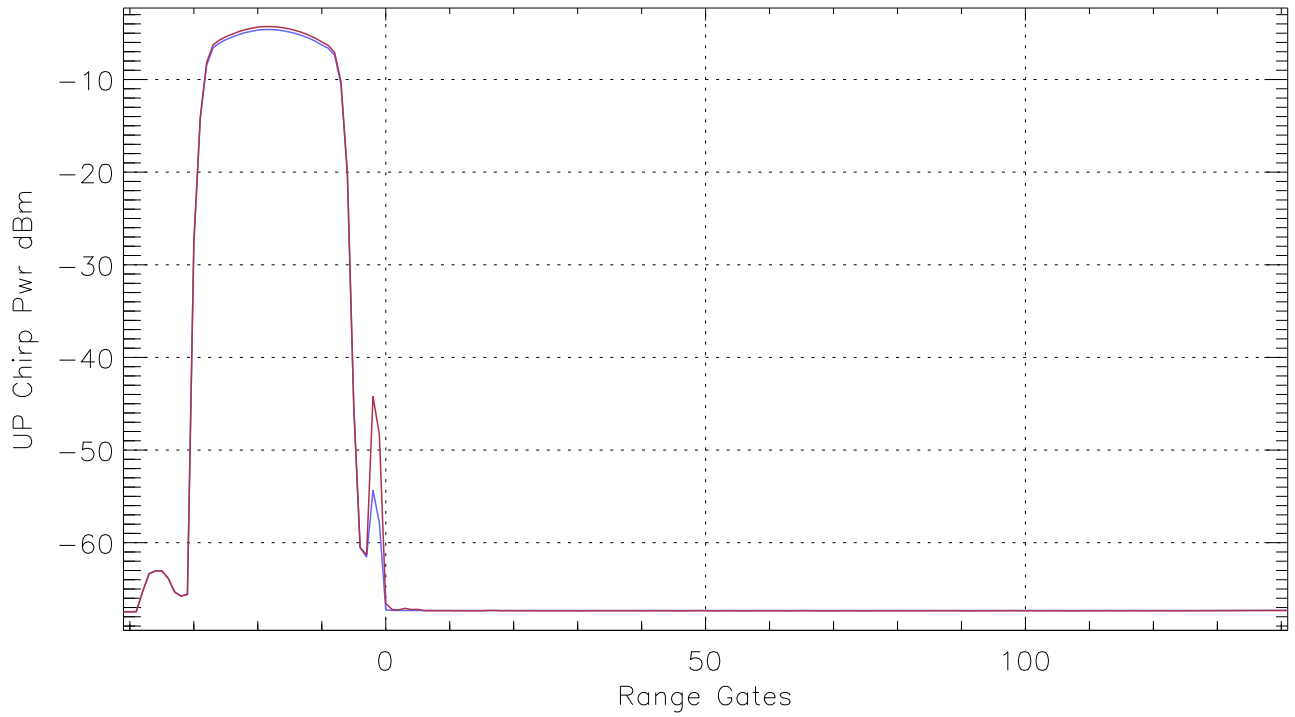
KPR SPP Last range gate PPMAG: assumed RM(sky) noise

	Min	Max	Mean	Median	StDev
UP Chirp(dBm)	-102.83	-79.78	-85.38	-85.62	-88.22
UP Pulse(dBm)	-103.18	-82.16	-87.41	-87.73	-90.15

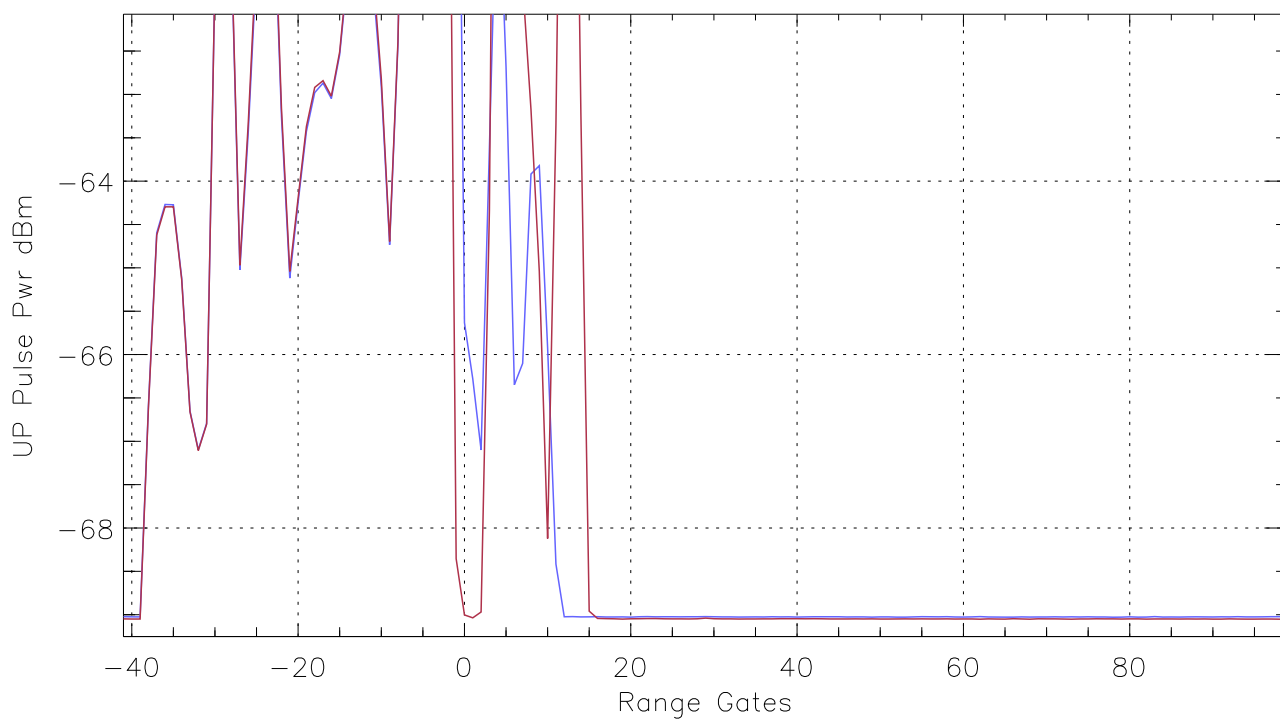
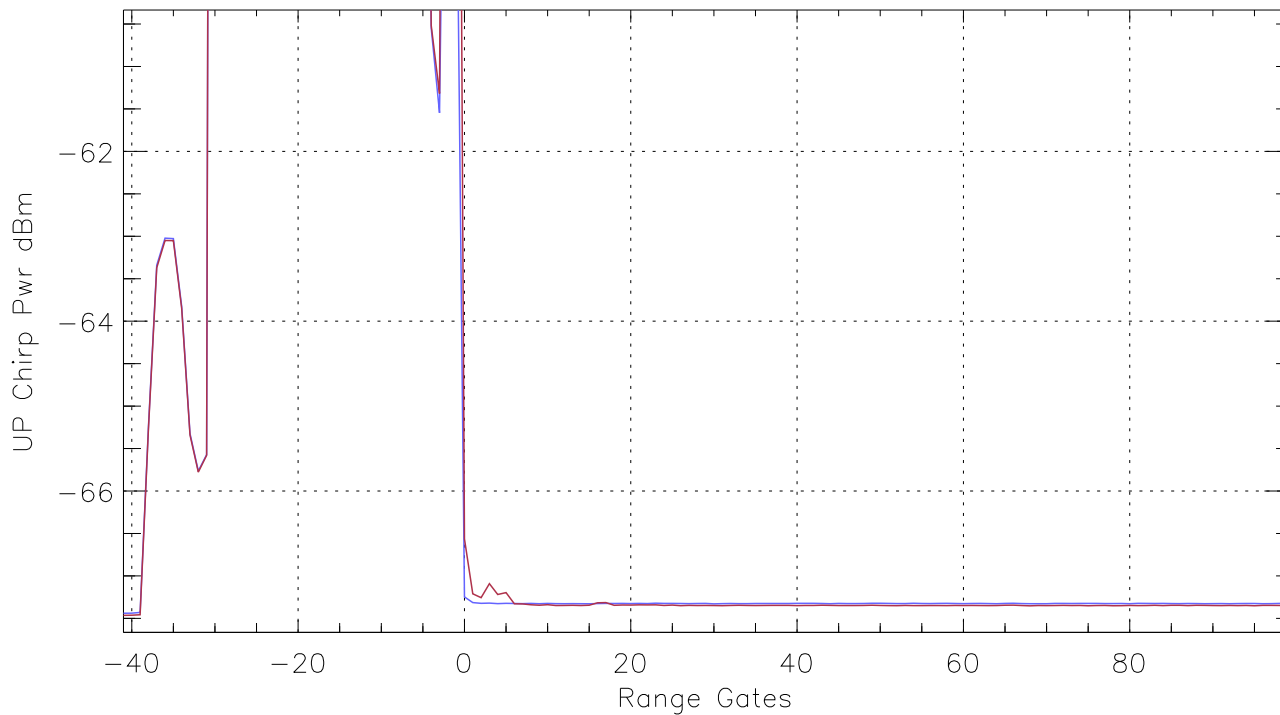


KPR SPP "Best" PPMAG noise (dBm):

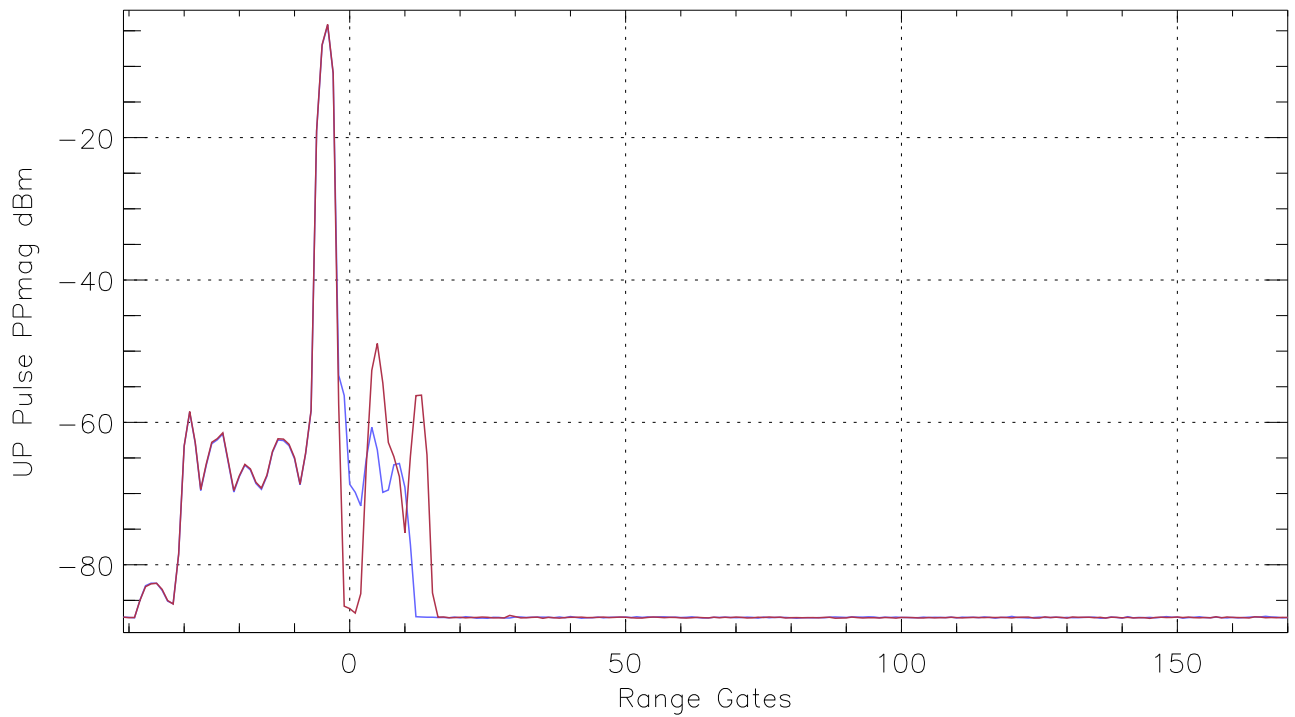
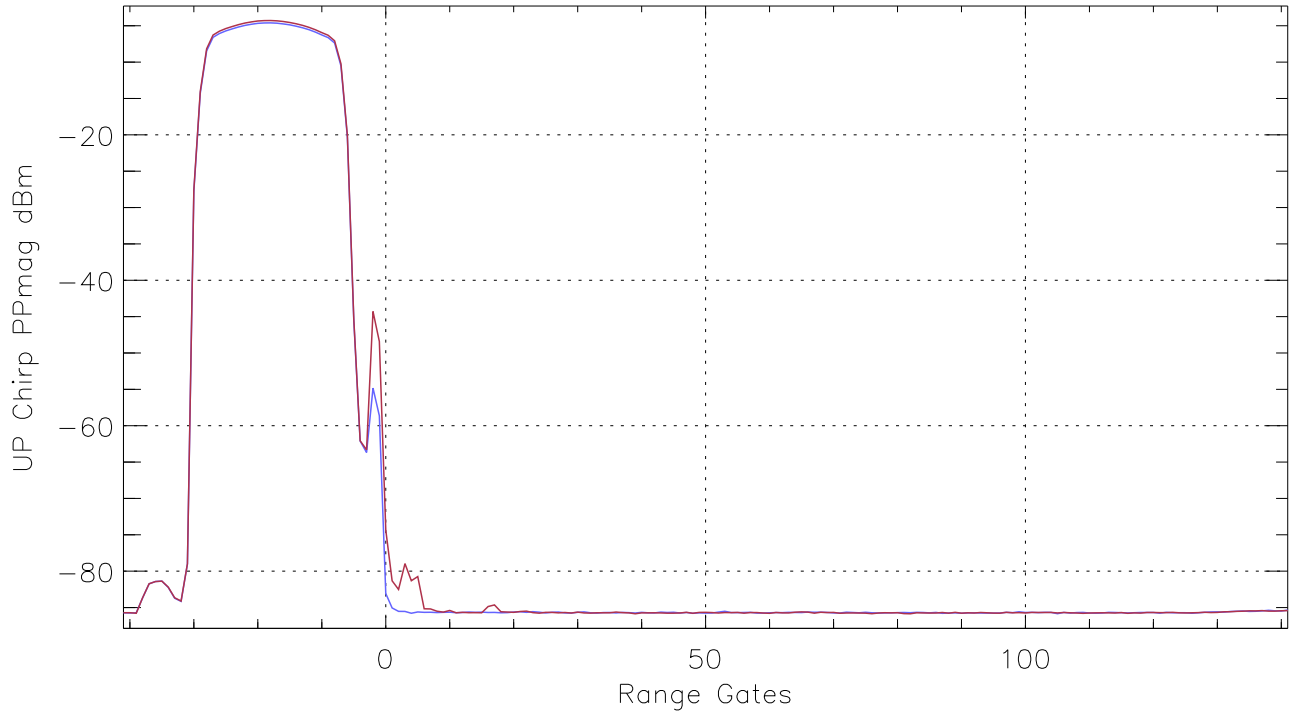
	Min	Max	Mean	Median	StDev
UP_C_RG68_0	-103.03	-80.40	-85.65	-85.89	-88.53
UP_P_RG102_0	-114.50	-82.03	-87.42	-87.68	-90.28



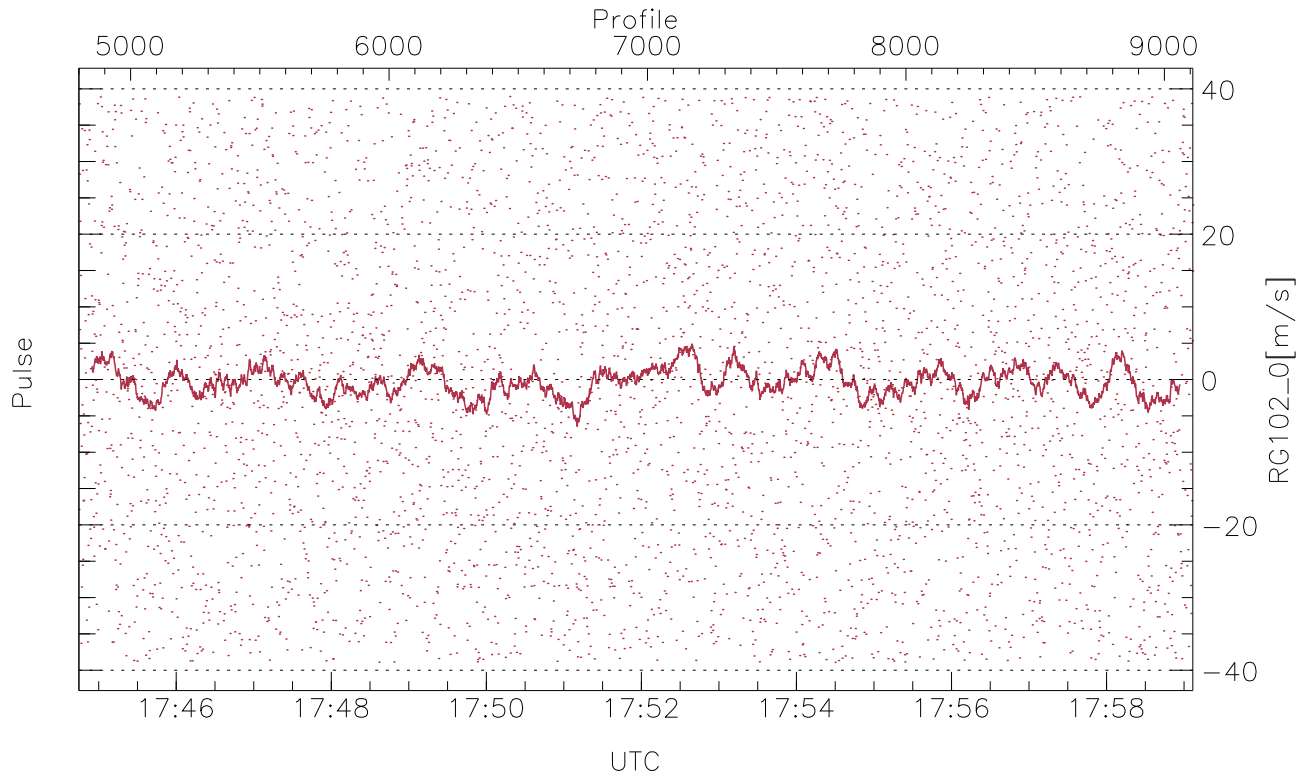
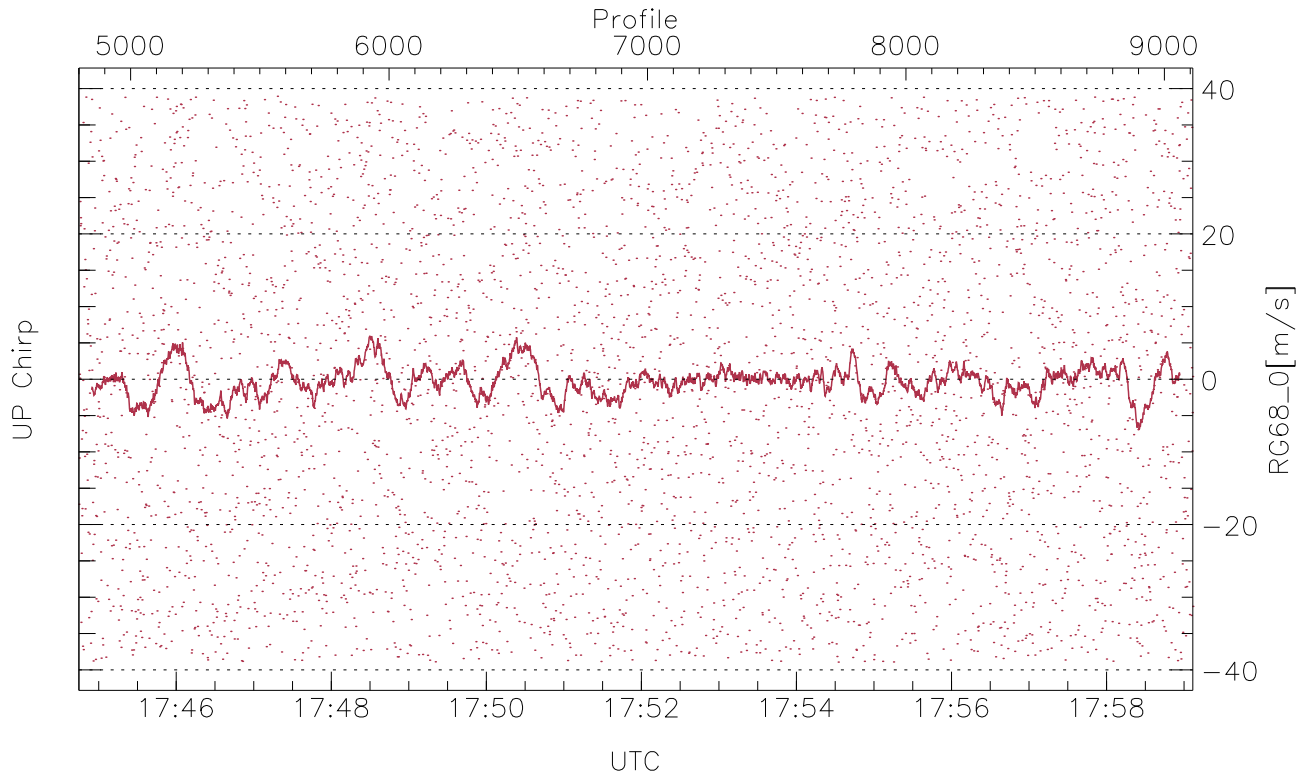
KPR SPP Averaged Received power for all recorded gates
blue: 174445-175155, 2156 profiles averaged
red: 175155-175907, 2156 profiles averaged



KPR SPP Averaged Power for neg. gates & up to 100 gates
blue: 174445-175155, 2156 profiles averaged
red: 175155-175907, 2156 profiles averaged

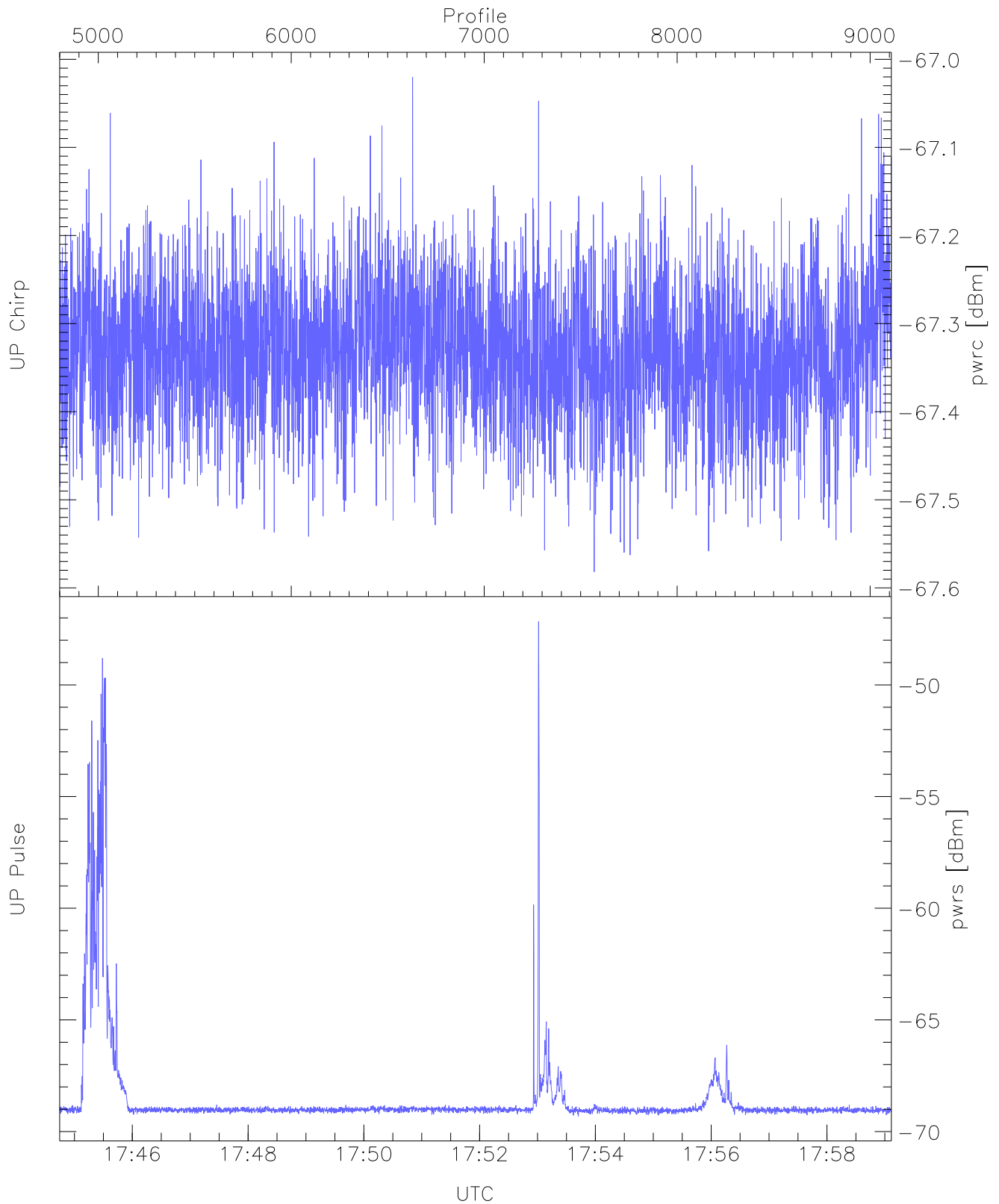


KPR SPP Averaged PP magnitude for all recorded gates
blue: 174445-175155, 2156 profiles averaged
red: 175155-175907, 2156 profiles averaged



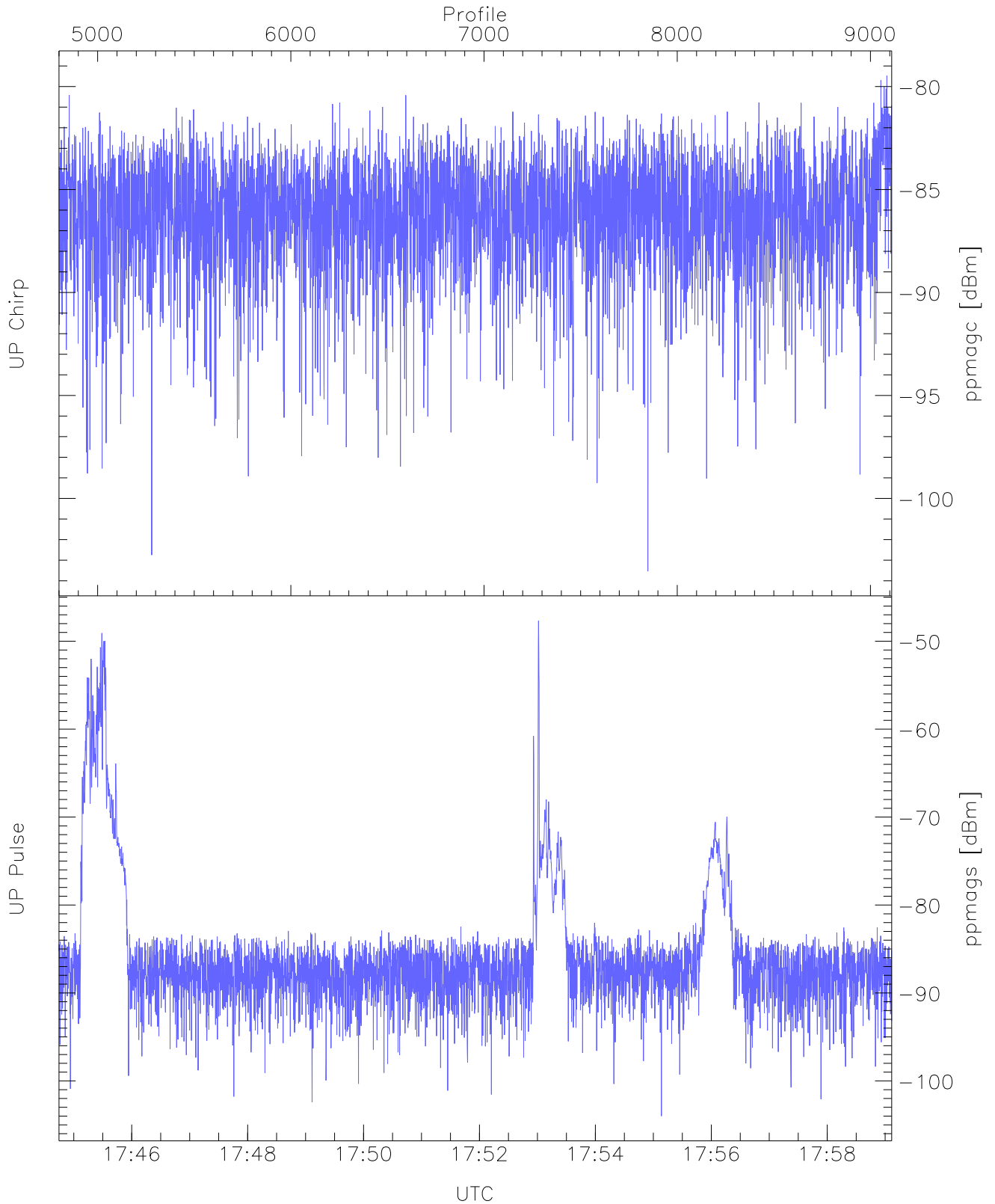
KPR SPP "Best" PPVEL noise (m/s):

	Min	Max	Mean	Median	StDev
UP_C_RG68_0	-38.93	38.94	-0.37	-0.43	22.46
UP_P_RG102_0	-38.90	38.94	-0.33	-0.55	22.05



KPR SPP Received Power for Chirp Range gate 10 (1585.2 m)
 KPR SPP Received Power for Pulse Range gate 10 (533.8 m)

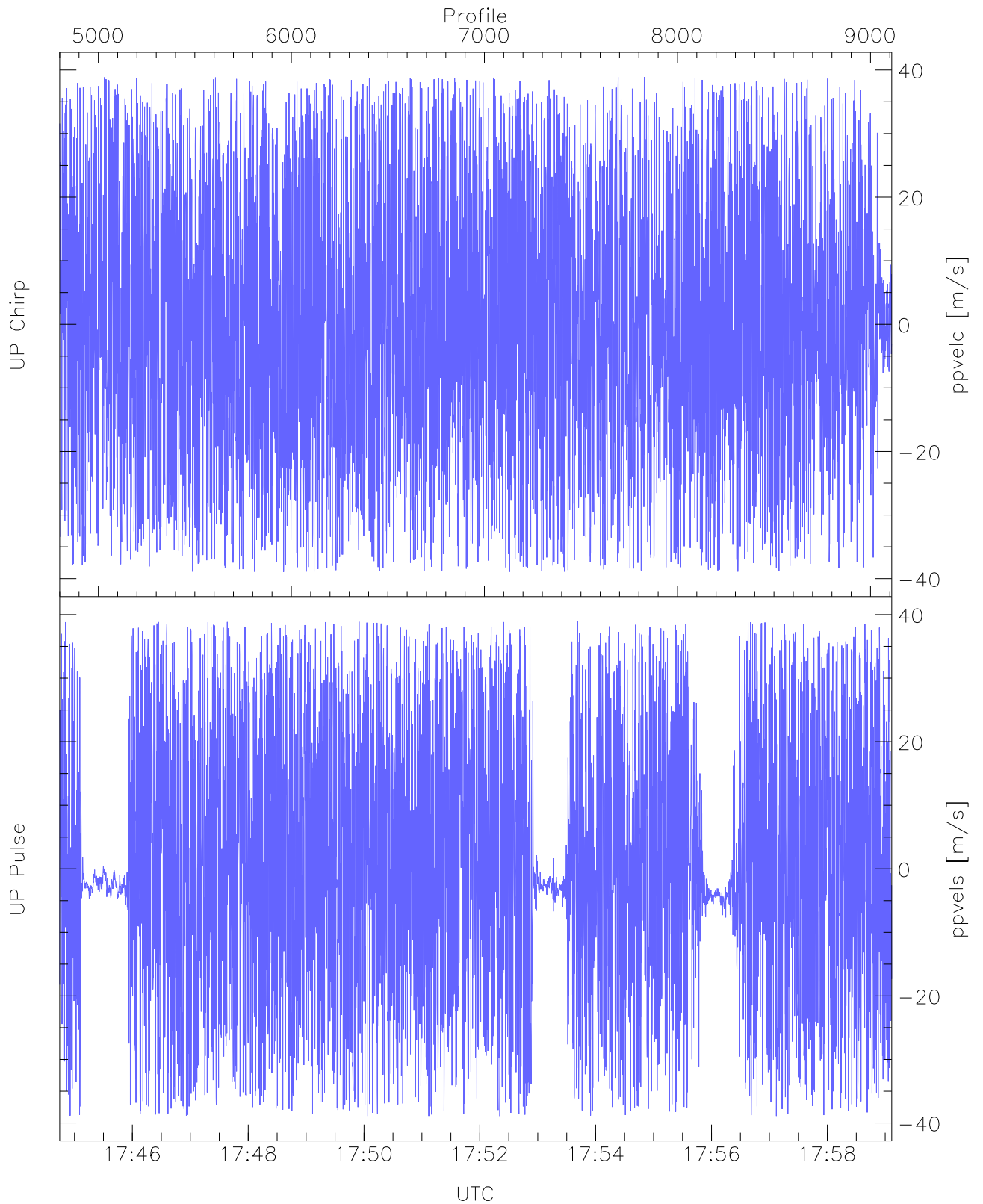
	Min	Max	Mean
UP Chirp(dBm)	-67.58	-67.02	-67.33
UP Pulse(dBm)	-69.31	-47.16	-66.88



KPR SPP PPMAG for Chirp Range gate 10 (1585.2 m)

KPR SPP PPMAG for Pulse Range gate 10 (533.8 m)

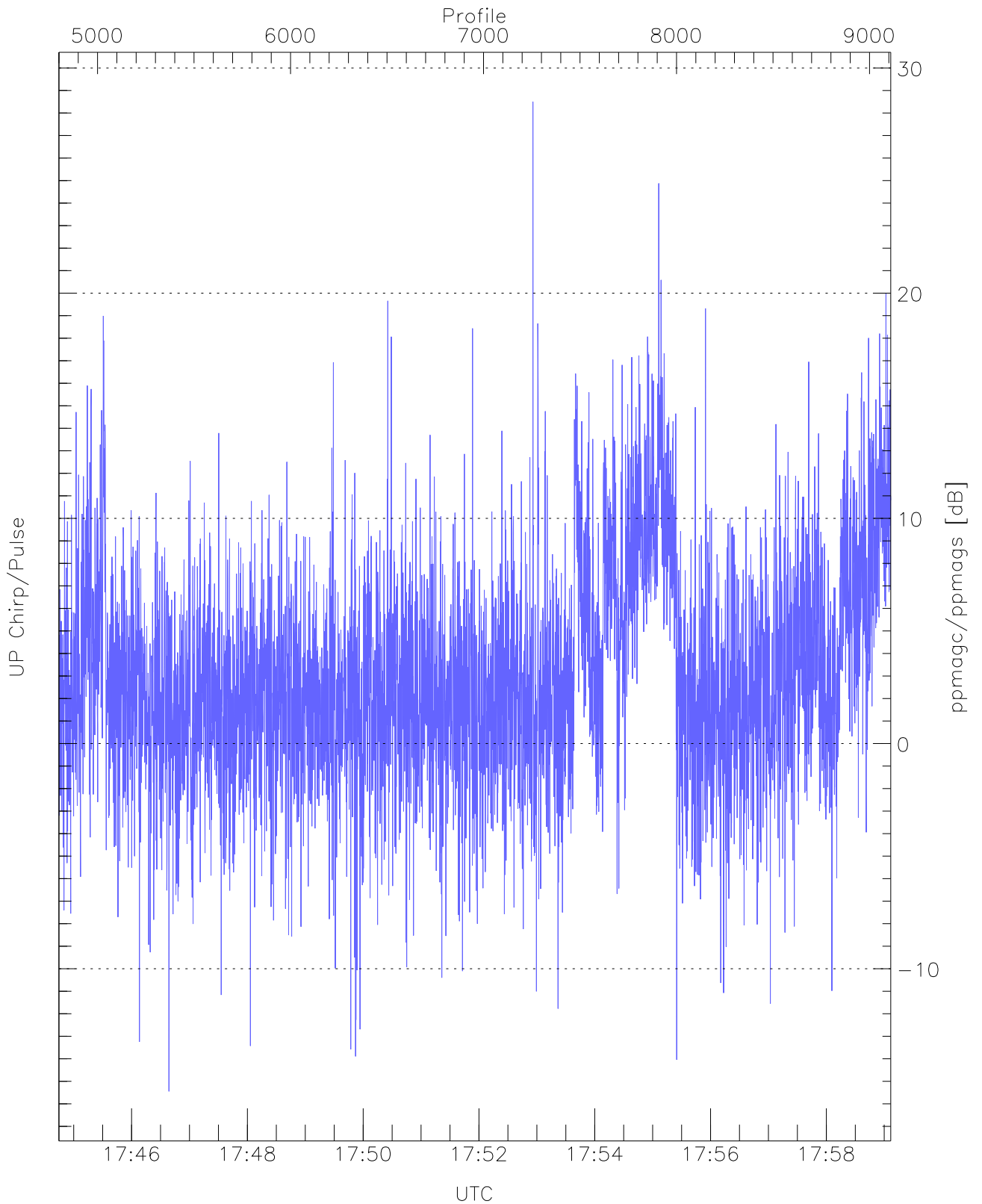
	Min	Max	Mean
UP Chirp(dBm)	-103.53	-79.47	-85.52
UP Pulse(dBm)	-104.00	-47.66	-71.22



KPR SPP PPVEL for Chirp Range gate 10 (1585.2 m)

KPR SPP PPVEL for Pulse Range gate 10 (533.8 m)

	Min	Max	Mean
UP Chirp(m/s)	-38.94	38.90	0.11
UP Pulse(m/s)	-38.93	38.94	0.24



KPR SPP PPMAG Chirp/Pulse; Range gate: 1247.9m /1283.3m

	Min	Max	Mean
UP Chirp/Pulse(dBm)	-15.45	28.50	6.20