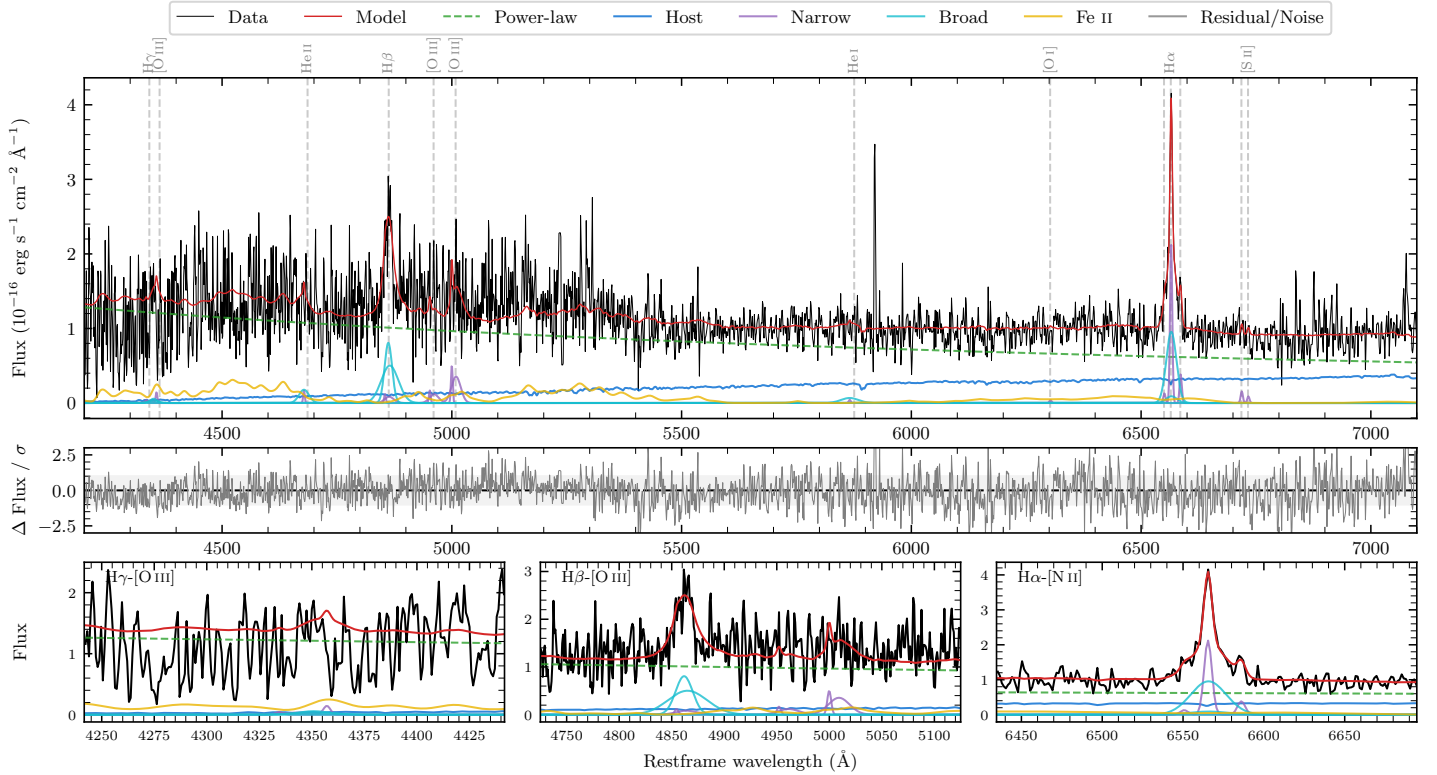
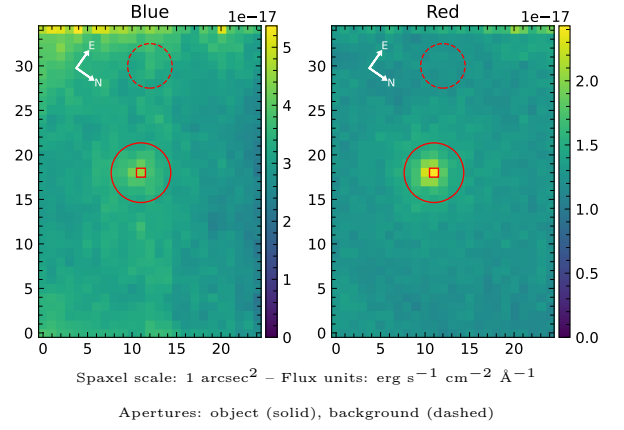


2MASX J01081881–4133076

Spectrum ID	9155014_sp1	Spectrum type	Sy 1.2
Alt name	g0108189–413308	Quality flag	good
z	0.0650	AGN reference	6dFGS
RA, Dec	17.0785, –41.5521	MW $E(B - V)$	0.010
MJD	61003.46	Power law α_ν	-0.37 ± 0.19
SNR/ \AA B/R	2.7/6.1	$\log L_{5100, \text{AGN}}$	42.68 ± 0.02
Obs airmass	1.02	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.54 ± 0.17
SMSS ID	9155014	$\log M_{L5100}/M_\odot$	6.71 ± 0.13
Neighbour	5.9", 2015140675	$\log M_{\text{H}\alpha}/M_\odot$	5.74 ± 0.08
SMSS $\langle r_6^{\text{ap}} \rangle$	nan \pm nan	$\log M_{\text{H}\beta}/M_\odot$	6.59 ± 0.14
2MASS K_{ext}	12.84 ± 0.14	$\log M_{[\text{O III}]} / M_\odot$	6.44 ± 0.16



Emission Line Measurements

Line	$\log L$ (erg s $^{-1}$)	FWHM (km s $^{-1}$)	σ (km s $^{-1}$)	EW (Angstroms)
H γ Narrow	–	–	–	–
Hγ Broad	–	–	–	–
[O III] 4364	–	–	–	–
He II Narrow	–	–	–	–
He II Broad	39.72 ± 0.32	1639 ± 62	696 ± 25	4.81 ± 2.51
H β Narrow	39.39 ± 0.61	372 ± 402	582 ± 26	2.74 ± 2.45
Hβ Broad	40.63 ± 0.07	1531 ± 209	734 ± 71	42.03 ± 3.47
[O III] 5007	40.09 ± 0.15	372 ± 402	582 ± 26	12.42 ± 2.65
He I Narrow	–	–	–	–
He I Broad	39.54 ± 0.28	2270 ± 62	964 ± 25	4.59 ± 1.75
[O I] 6300	–	–	–	–
H α Narrow	40.14 ± 0.03	262 ± 62	110 ± 25	22.08 ± 0.69
Hα Broad	40.50 ± 0.03	1186 ± 63	456 ± 25	49.74 ± 1.44
[N II] 6585	39.40 ± 0.11	262 ± 62	110 ± 25	4.02 ± 0.65
[S II] 6718	39.02 ± 0.25	262 ± 62	110 ± 25	1.71 ± 0.62
[S II] 6732	38.77 ± 0.41	262 ± 62	110 ± 25	0.99 ± 0.61

Emission Summary

H α broad SNR	2.46
H β broad SNR	3.01
H γ broad SNR	0.00
AGN frac	0.88
Host frac	0.12
$\log L_{5100, \text{Host}}$	41.84
Fe II/H β	1.62
Fe II/[O III]	5.76

Quality Flags

spurious_hab/hbb	0/0
15100	0
balmer	2
balmer_snr	2
hb_width	0
balmer_width	0