

Summary of results on the off-shell signal strength and Γ_H . Results for $\mu^{\text{off-shell}}$ are with $R_{V,F}^{\text{off-shell}}$ either unconstrained or = 1. Constraints on $\mu_F^{\text{off-shell}}$ and $\mu_V^{\text{off-shell}}$ are shown with the other signal strength unconstrained. Results for Γ_H (in units of MeV) are obtained with the on-shell signal strengths unconstrained. Tests with anomalous HVV couplings are distinguished by the denoted on-shell cross section fractions. The expected values (not shown) are either unity or $\Gamma_H = 4.1$ MeV. The abbreviation ‘c.v.’ stands for ‘central value’, and the abbreviation ‘(u)’ stands for ‘unconstrained’.

Param.	Cond.	Observed		Expected	
		c.v.	68% 95% CL	68% 95% CL	
$\mu_F^{\text{off.}}$	$\mu_V^{\text{off.}}$ (u)	0.62	[0.17, 1.3] [0.0060, 2.0]	[$2 \cdot 10^{-5}$, 2.1]	< 3.0
$\mu_V^{\text{off.}}$	$\mu_F^{\text{off.}}$ (u)	0.90	[0.31, 1.8] [0.051, 2.9]	[0.11, 3.0]	< 4.5
$\mu^{\text{off.}}$	$R_{V,F}^{\text{off.}} = 1$	0.74	[0.36, 1.3] [0.13, 1.8]	[0.16, 2.0]	[0.0086, 2.7]
	$R_{V,F}^{\text{off.}}$ (u)	0.62	[0.17, 1.3] [0.0061, 2.0]	[$4 \cdot 10^{-5}$, 2.1]	[$1 \cdot 10^{-5}$, 3.0]
Γ_H	SM-like	3.2	[1.5, 5.6] [0.53, 8.5]	[0.62, 8.1]	[0.035, 11.3]
Γ_H	f_{a2} (u)	3.4	[1.6, 5.7] [0.60, 8.4]	[0.52, 8.0]	[0.015, 11.3]
Γ_H	f_{a3} (u)	2.7	[1.3, 4.8] [0.47, 7.3]	[0.53, 8.0]	[0.015, 11.3]
Γ_H	$f_{\Lambda 1}$ (u)	2.7	[1.3, 4.8] [0.46, 7.2]	[0.55, 8.1]	[0.019, 11.3]