(a) Fig. 4   (b) $g_{\mu r} = 0$ (c) $g_{\phi\mu} = 0$ (d) $g_{\mu r} = g_{\phi\mu} = 0$

$\bar{n}_r$

$\langle n_\phi \rangle$ > 1 1   0

$\langle n_\mu \rangle$

$\omega_d / 2\pi$ [in GHz]