

Fig. 1. EDMR and CDMR signals recorded at  $f = 500$  MHz with a negative bias of 3 V.

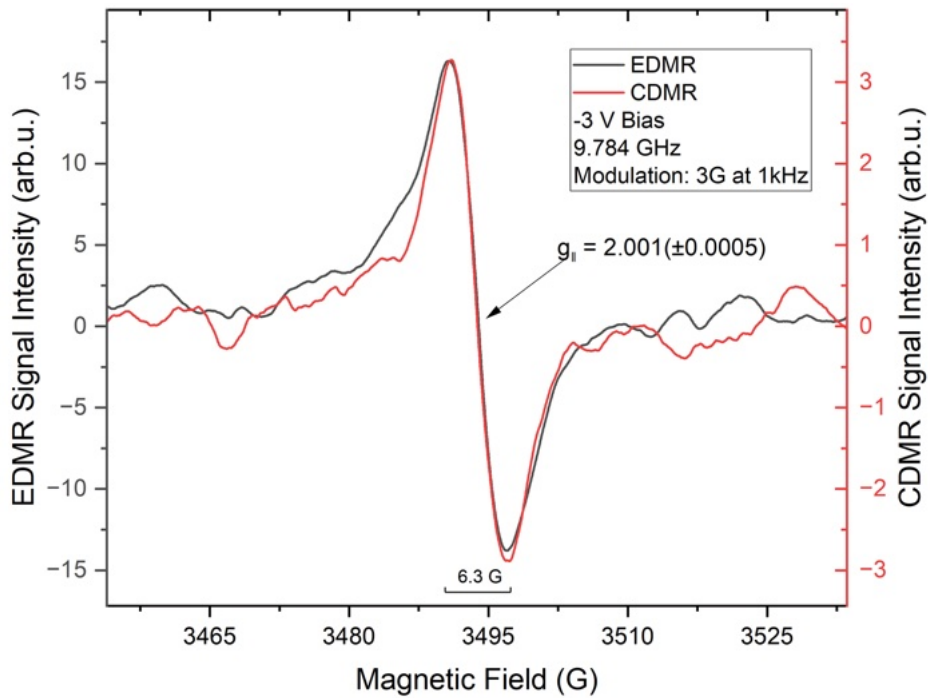


Fig. 2. EDMR and CDMR signals recorded at 9.784 GHz with  $g_{\parallel} = 2.001(\pm 0.0005)$  to the device's surface with a negative bias of 3 V.