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Imaging a Low Frequency Multi-lane Type-II Solar Radio Burst and their Features in the Corona

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Multi-lane type II radio burst is a special type of radio emission observed with two or more emission lanes that are different from tradiational fundamental and harmonic stuctures. Here, we present the radio imaging study of one such event Observed by LOFAR on 28 May 2022 in the frequency range between 60 – 20 MHz with a life time of 12 mintues from 15:58 - 16:10 UT. It is assocaited with a partial halo CME observed by SDO/AIA, SWAP/PROBA and white light coronagraph, with a speed of about 568 km/s in LASCO C2 FOV. Using combined data analyis from different wavelength, we aim to investigate the nature of emission features and their associated EUV eruptive structures in the corona.