FRFs of impedance coupled system -20 -10 <u>B</u> -20 <u>∓</u> -40 |H<sub>12</sub>| [dB] 1H<sub>13</sub>| [dB] |H<sub>14</sub>| [dB] -20 -30 -20 -40 -30 -50 -60 -40 -60 10<sup>0</sup> 10<sup>0</sup> 10<sup>0</sup> 10<sup>-1</sup> 10<sup>-1</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>-1</sup> Frequency [Hz] Frequency [Hz] Frequency [Hz] Frequency [Hz] -10 -20 -30 -20  $|\mathsf{H}_{22}|$  [dB]  $|\mathsf{H}_{23}|$  [dB]  $|\mathsf{H}_{21}|\,[\mathsf{dB}]$  $|\mathsf{H}_{24}|\,[\mathsf{dB}]$ -20 -30 -35 -30 -40 -40 -40 -45 -50 -50 -50 -60 10<sup>-1</sup> 10<sup>0</sup> 10<sup>0</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>-1</sup> 10<sup>-1</sup> 10<sup>0</sup> Frequency [Hz] Frequency [Hz] Frequency [Hz] Frequency [Hz] 0 -10 -10 -20 |H<sub>31</sub>| [dB]  $|\mathsf{H}_{32}|$  [dB] |Н<sub>33</sub>| [dВ] |H<sub>34</sub>| [dB] -20 -20 -20 -30 -40 -40 -30 -40 -60 -50 -60 -40 10<sup>-1</sup> 10<sup>0</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>-1</sup> 10<sup>0</sup> Frequency [Hz] Frequency [Hz] Frequency [Hz] Frequency [Hz] 20 |H<sub>41</sub>| [dB]  $|\mathsf{H}_{42}|\,[\mathsf{dB}]$  $|\mathsf{H}_{43}|$  [dB] |H<sub>44</sub>| [dB] -20 -20 -20 -40 -20 -40 -60 -60 -60 10<sup>0</sup> 10<sup>0</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>-1</sup> 10<sup>-1</sup> Frequency [Hz] Frequency [Hz] Frequency [Hz] Frequency [Hz]