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| --- | --- | --- | --- | --- | --- |
| f ( ) |  |  |  |  |  |
| Q (-) |  |  |  |  |  |

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| f ( ) |  |  |  |  |  |
| Q (-) |  |  |  |  |  |
| R ( ) |  |  |  |  |  |

1. Make graph of Q-factor of the coil N = 13 with a core.
2. Measure inductance of the coil N = 27 with the core.
3. Evaluate the equivalent resistance of the coil N = 27 with the core at the sampled frequencies and make a plot.

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| f ( ) |  |  |  |  |  |
| Q (-) |  |  |  |  |  |

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| f ( ) |  |  |  |  |  |
| Q (-) |  |  |  |  |  |
| R ( ) |  |  |  |  |  |

1. Make graph of Q-factor of the coil N = 13 without a core.
2. Measure inductance of the coil N = 27 without the core.
3. Evaluate the equivalent resistance of the coil N = 27 without the core at the sampled frequencies and make a plot.

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| f ( ) |  |  |  |  |  |
| Q (-) |  |  |  |  |  |

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| --- | --- | --- | --- | --- | --- |
| f ( ) |  |  |  |  |  |
| Q (-) |  |  |  |  |  |
| R ( ) |  |  |  |  |  |

1. Make a plot of Q-factor of the coil N = 27 without a core.
2. Measure inductance of the coil N = 13 without the core.
3. Evaluate the equivalent resistance of the coil N = 13 without the core at the sampled frequencies and make a plot.