Global Standards and EMC Regulation

Driving Wireless Power to EVs

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Wireless power for light-duty EVs is standardized!











EMC Standards /





GB/T 38775



ISO 19363 (5474-4)



IEC 61980-3



Ground Pad (Primary Coil)



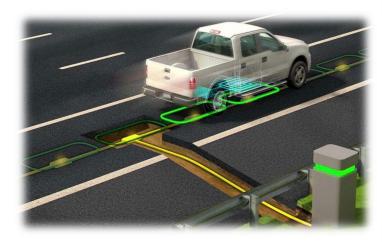
And next generation (heavy duty & dynamic) is on-going...

Heavy Duty WPT (20 kW – 500 kW):

- SAE J2954/2
- IEC TC69 / PT 61980-4

Dynamic (In-Motion) WPT:

- SAE J2954/2
- IEC TC 69 / PT 63243 (IEC 61980-5)
- IEC TC 69 / PT 63881 (IEC 61980-6)







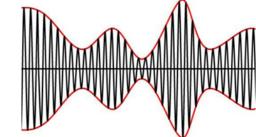






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But some myths have propagated due to lobbying ...









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WiTricity continues to educate regulators

with support from SAE J2954 and others...

Successful EMC updates & publication of:

- Recommendation ITU-R SM.2110-1
- Report ITU-R SM.2451-1
- IEC 61980 -1 & -3
- Etc.

With lots of continued work in ...

- CISPR (CISP/B, D, H, etc.)
- ITU-R SG1 & WP1A
- FCC RM-11815
- CEPT SE 24 & CEPT SRDMG WG WPT
- Etc.

Studies at EU's JRC





ETSI

