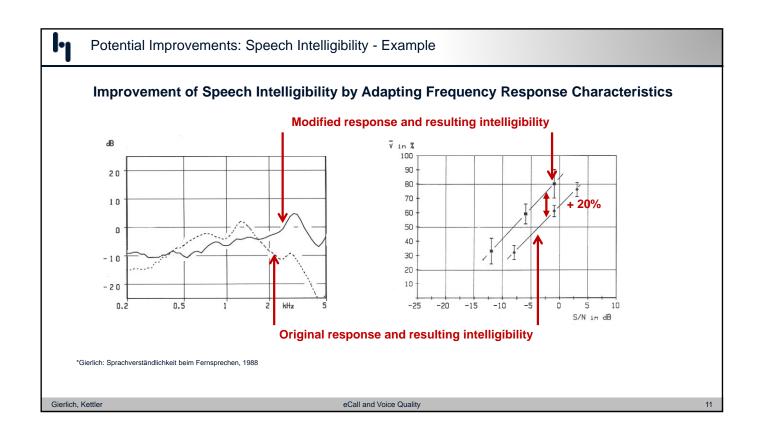
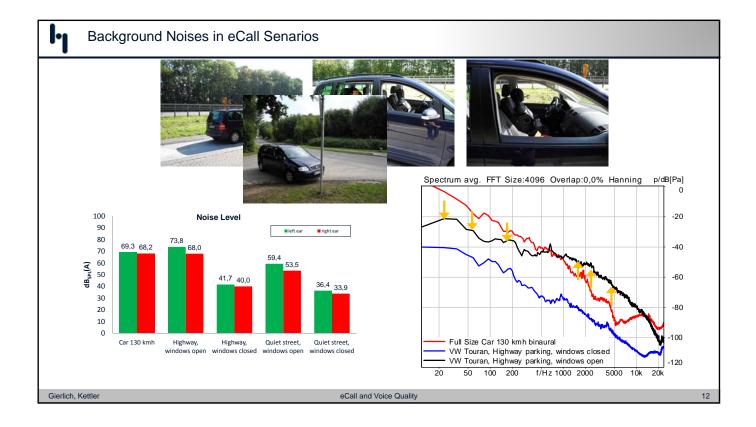
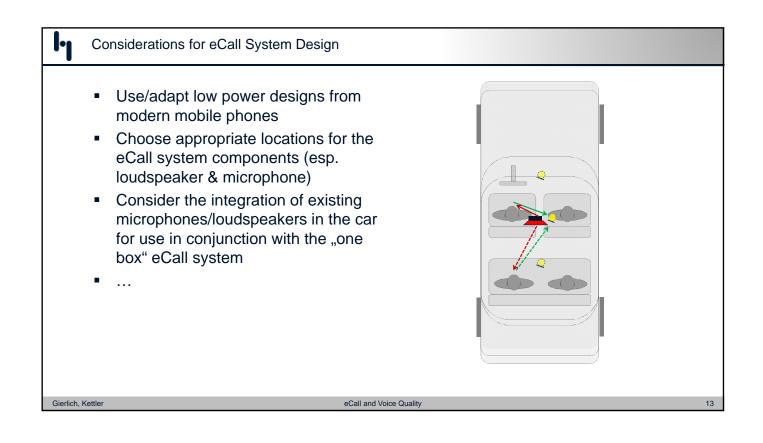


• Spee	ch Intelligibility in receiving
	Nore "classical" situation – similar to speech intelligibility in rooms
• P	otential application of existing methods such as
•	SII (speech intelligibility index),
	<ul> <li>STIPA (speech transmission index for public address systems)</li> </ul>
	RASTI (rapid speech transmission index)
• Spee	ch Intelligibility in sending
• N	lo well performing objective test method available
	Performance evaluation potentially possible using "second order" arameters such as
	Optimized frequency response characteristics,
	<ul> <li>Evaluation of switching and double talk performance with focus on speech intelligibility</li> </ul>
	Consideration of eCall relevant noise types







ŀ	Required Actions in Standardization
	<ul> <li>Most efficient solution: develop a standard specifically targeted to emergency call systems</li> <li>Base work on existing ITU-T standards P.1100 and P.1110</li> <li>Modify existing requirements and adapt testing procedures where needed</li> <li>Remove less relevant parameters</li> </ul>
	<ul> <li>Amend new standard by new parameters and testing procedures where needed         <ul> <li>especially for speech intelligibility</li> </ul> </li> </ul>
	Potential home for the work:
	ITU-T SG12 – Q.4 dealing with "Hands-free communication and user interfaces in vehicles"
	ETSI TC STQ
	<ul> <li>use this standard as baseline standard for emergency call systems</li> </ul>
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