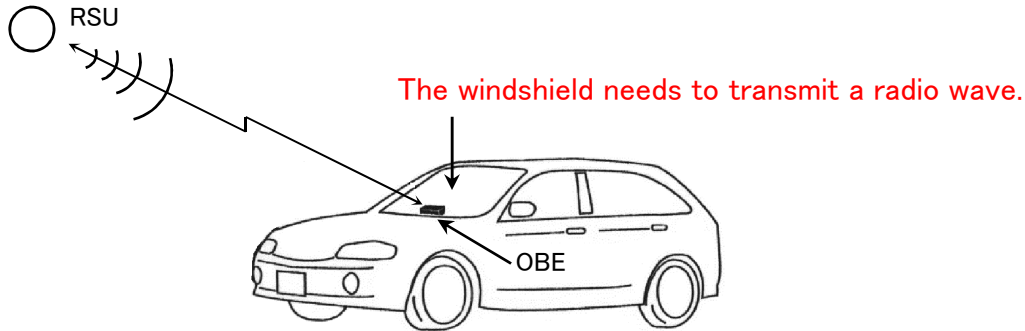


Radio wave transmission test of automotive heat-reflecting glass

◇Radio wave transmission test of automotive heat-reflecting glass can be easily performed by ME9100 and ME9115CN.

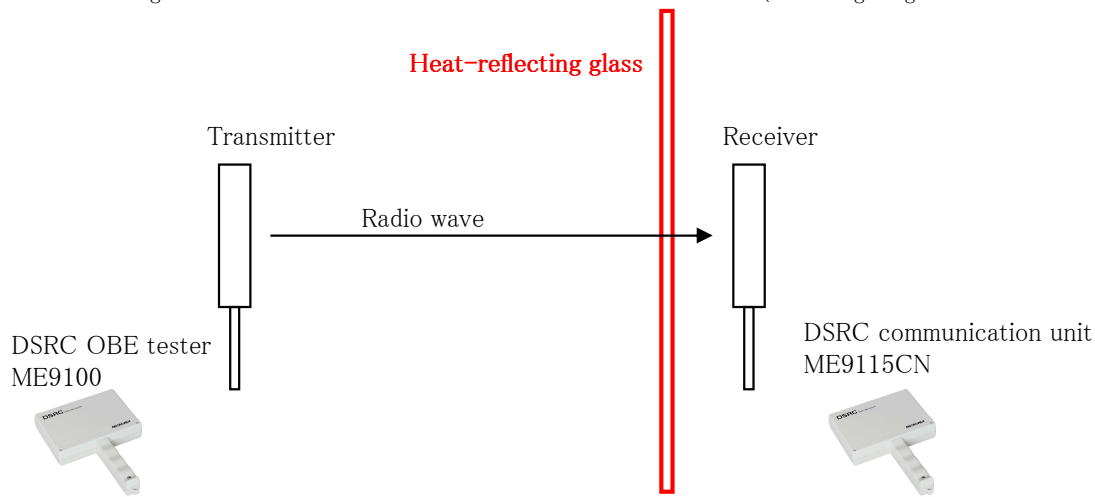
[~*Application*~]

Since the antenna of an ETC/DSRC OBE is usually attached in the car, the windshield needs to transmit a radio wave for communication.
Therefore, when developing special automotive glass, such as heat-reflecting glass, you have to check whether a radio wave



[~*Solution*~]

- ①DSRC OBE tester ME9100 and DSRC communication unit ME9115CN are faced 1m apart. The glass to measure is arranged between them.
- ②Radio wave is transmitted from DSRC OBE tester ME9100. (Frequency : approx. 5.8GHz)
- ③Electric field strength is measured with DSRC communication unit ME9115CN. (Receiving range : -35 to -80dBmeirp)。



- ◎By comparing the data with that of the reference glass used without problems ETC/DSRC communication, check whether the radio wave transmitted.
- ◎Measured electric field strength data can be downloaded to a PC by connecting the USB cable.

[~*System constitution*~]

- DSRC OBE tester ME9100
- DSRC communication unit ME9115CN

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