

Materials List for:

Effective Analysis of Human Exposure Conditions with Body-worn Dosimeters in the 2.4 GHz Band

Silvia de Miguel-Bilbao¹, Juan Blas², Victoria Ramos¹

¹Telemedicine and e-Health Research Unit, Instituto de Salud Carlos III

²Signal Theory and Communications, and Telematic Engineering Department, Universidad de Valladolid

Correspondence to: Silvia de Miguel-Bilbao at sdemiguel@isciii.es

URL: <https://www.jove.com/video/56525>

DOI: [doi:10.3791/56525](https://doi.org/10.3791/56525)

Materials

Name	Company	Catalog Number	Comments
Personal exposimeter	SATIMO	EME SPY 121/100	Worn personal exposimeter to log exposure data
Personal exposimeter	ANTENNESSA	EME SPY 121/120	Worn personal exposimeter to log exposure data
Wi-Fi Access Point	CISCO	Aironet 1130	Wi-Fi access point, vertical polarization
Analog Signal Generator	AGILENT	N5181A MXG	Analog Signal Generator
Precision Conical Dipole	SEIBERSDORF	PCD 8250	Broadband antenna 80 MHz - 3 GHz. Dipole-like radiation pattern that is omnidirectional in the horizontal plane
Cable	ROHDE & SCHWARZ	LARG-214/U	Low loss cable