

Project Number: 031/25

1 Customer

Customer: Stoerk-Tronic, Stoerk GmbH & Co. KG
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Refer to : M. Wróblewski (technical Director)

2 EQUIPMENT UNDER TEST (EUT)

2.1 EUT identification (declared under responsibility of the customer)

EUT Description: Wireless communication bridge with mesh functionality, where serial communication is transferred between Air Connect devices (2.4 GHz)
Model: Air Connect Commander
Air Connect Unit
Code: 900229.001 - Air Connect Unit
900229.002 - Air Connect Commander
Serial N°: 250117-00001
Software release: V1.0
Size: 80 x55 x 34 [mm] excluding flanges and antenna
Manufacturer: Stoerk-Tronic, Stoerk GmbH & Co. KG
Supply voltage: 12 Vdc
Rated Electrical Power: 0.6 W
Rated input current: 50 mA
FCC ID: 2BNLE-AIRCONNECT Contains FCC ID: 2AC7Z-ESPS3WROOM1U

Note: Air Connect Commander and Air Connect Unit have the same PCB and the same components (see pics for details)

TEST SETUP PHOTOGRAPHS

Test Setup – Radiated emission from 30 MHz to 1 GHz



Test Setup – Radiated emission from 30 MHz to 1 GHz



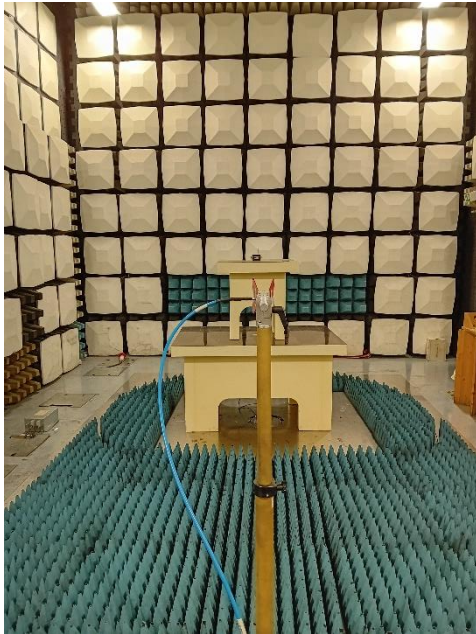
Test Setup – Radiated emission from 1 GHz to 18 GHz



Test Setup – Radiated emission from 1 GHz to 18 GHz



Test Setup – Radiated emission from 18 GHz to 25 GHz



Test Setup – Radiated emission from 18 GHz to 25 GHz

