

AC Powerline Conducted Emissions Measurements



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Annex 1 – Photos of Test Setup
900 MHz Spread Spectrum OEM Transceiver, Model MHX920

Photo # 3
FCC ID: NS904P10

Test Setup for Radiated Emissions @ 3 meters

Test Configuration No. 1: Microhard MHX920 with $\frac{1}{4}$ Wave Antenna, Microhard P/N: MHS031060, Gain: 1.5 dBi

Note: The MHX920 Module was oriented in 3 different orthogonal positions to search for the maximum RF E-Field with the receiving antenna placed in both horizontal and vertical polarizations



Annex 1 – Photos of Test Setup
900 MHz Spread Spectrum OEM Transceiver, Model MHX920

Photo # 4
FCC ID: NS904P10

Test Setup for Radiated Emissions @ 3 meters

Test Configuration No. 1: Microhard MHX920 with $\frac{1}{4}$ Wave Antenna, Microhard P/N: MHS031060, Gain: 1.5 dBi

Note: The MHX920 Module was oriented in 3 different orthogonal positions to search for the maximum RF E-Field with the receiving antenna placed in both horizontal and vertical polarizations



Annex 1 – Photos of Test Setup

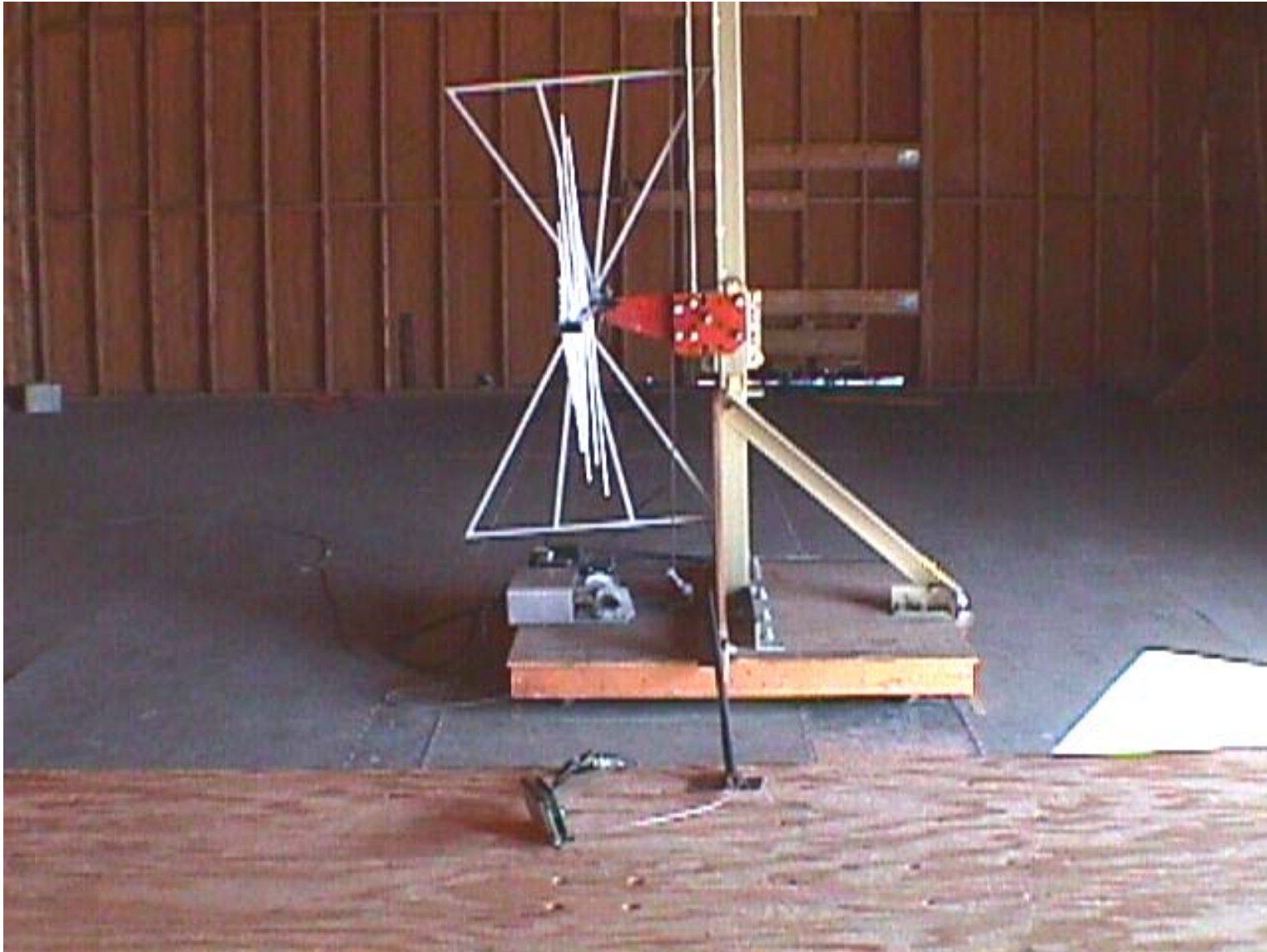
900 MHz Spread Spectrum OEM Transceiver, Model MHX920

Photo # 5
FCC ID: NS904P10

Test Setup for Radiated Emissions @ 3 meters

Test Configuration No. 2: Microhard MHX920 with Rubber Ducky Swivel Antenna, Microhard P/N: MHS031000, Gain: 2 dBi

Note: The MHX920 Module was oriented in 3 different orthogonal positions to search for the maximum RF E-Field with the receiving antenna placed in both horizontal and vertical polarizations



Annex 1 – Photos of Test Setup
900 MHz Spread Spectrum OEM Transceiver, Model MHX920

Photo # 6
FCC ID: NS904P10

Test Setup for Radiated Emissions @ 3 meters

Test Configuration No. 2: Microhard MHX920 with Rubber Ducky Swivel Antenna, Microhard P/N: MHS031000, Gain: 2 dBi

Note: The MHX920 Module was oriented in 3 different orthogonal positions to search for the maximum RF E-Field with the receiving antenna placed in both horizontal and vertical polarizations



Annex 1 – Photos of Test Setup

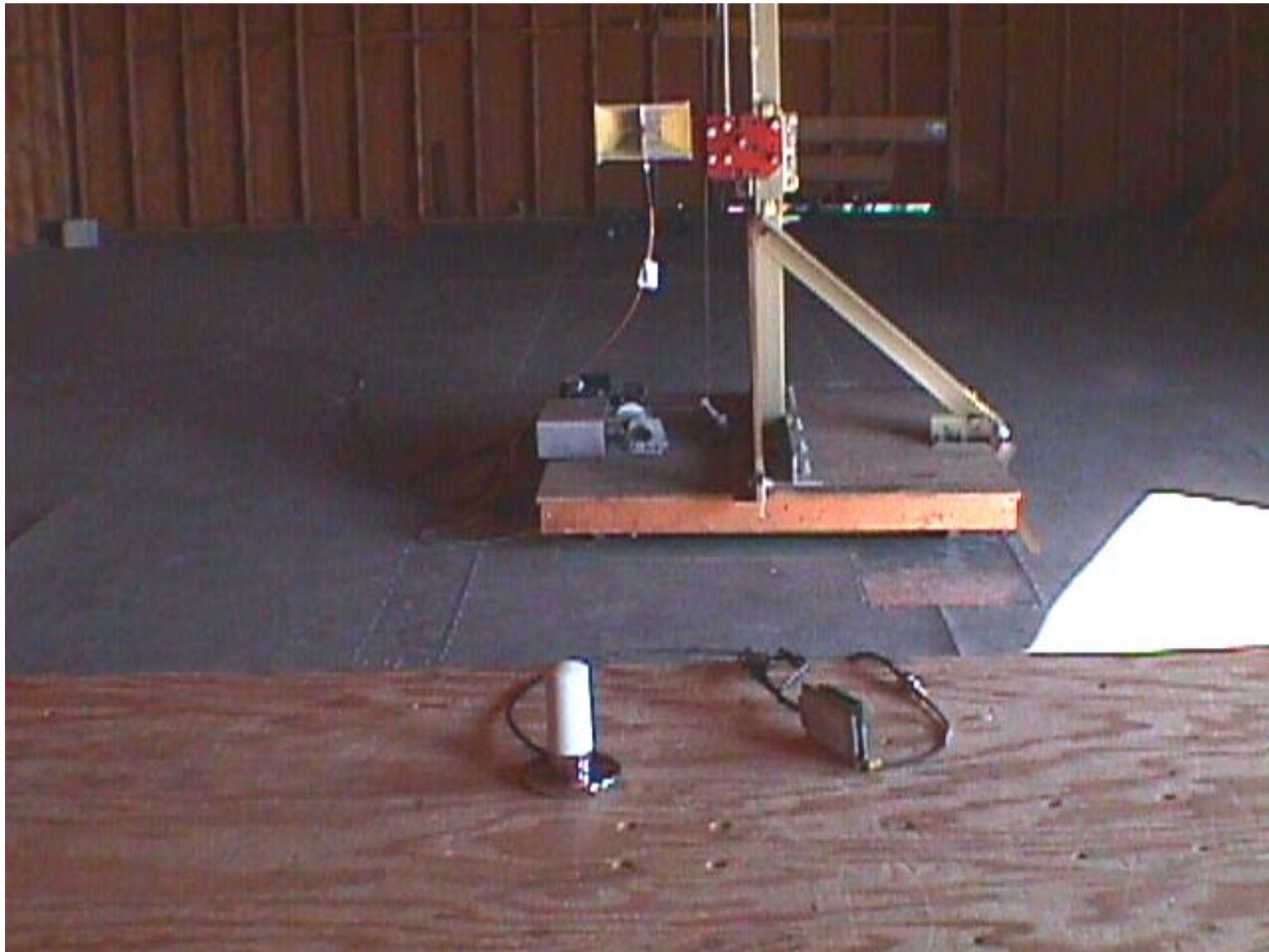
900 MHz Spread Spectrum OEM Transceiver, Model MHX920

Photo # 7
FCC ID: NS904P10

Test Setup for Radiated Emissions @ 3 meters

Test Configuration No. 3: Microhard MHX920 with Transit Antenna, Microhard P/N: MHS031220, Gain: 3 dBd

Note: The MHX920 Module was oriented in 3 different orthogonal positions to search for the maximum RF E-Field with the receiving antenna placed in both horizontal and vertical polarizations



Annex 1 – Photos of Test Setup
900 MHz Spread Spectrum OEM Transceiver, Model MHX920

Photo # 8
FCC ID: NS904P10

Test Setup for Radiated Emissions @ 3 meters

Test Configuration No. 3: Microhard MHX920 with Transit Antenna, Microhard P/N: MHS031220, Gain: 3 dBd

Note: The MHX920 Module was oriented in 3 different orthogonal positions to search for the maximum RF E-Field with the receiving antenna placed in both horizontal and vertical polarizations



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Photo # 9
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Test Setup for Radiated Emissions @ 3 meters

Test Configuration No. 4: Microhard MHX920 with Yagi Antenna, Microhard P/N: MHS031441, Gain: 12 dBd

Note: The MHX920 Module was oriented in 3 different orthogonal positions to search for the maximum RF E-Field with the receiving antenna placed in both horizontal and vertical polarizations



Annex 1 – Photos of Test Setup

900 MHz Spread Spectrum OEM Transceiver, Model MHX920

Photo # 10
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Test Setup for Radiated Emissions @ 3 meters

Test Configuration No. 4: Microhard MHX920 with Yagi Antenna, Microhard P/N: MHS031441, Gain: 12 dBd

Note: The MHX920 Module was oriented in 3 different orthogonal positions to search for the maximum RF E-Field with the receiving antenna placed in both horizontal and vertical polarizations



Test Setup for Radiated Emissions @ 3 meters

Test Configuration No. 5: Microhard MHX920 with Omni Directional Antenna, Microhard P/N: MHS031471, Gain: 6 dBd

Note: The MHX920 Module was oriented in 3 different orthogonal positions to search for the maximum RF E-Field with the receiving antenna placed in both horizontal and vertical polarizations



Annex 1 – Photos of Test Setup

900 MHz Spread Spectrum OEM Transceiver, Model MHX920

Photo # 12

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Test Setup for Radiated Emissions @ 3 meters

Test Configuration No. 5: Microhard MHX920 with Omni Directional Antenna, Microhard P/N: MHS031471, Gain: 6 dBd

Note: The MHX920 Module was oriented in 3 different orthogonal positions to search for the maximum RF E-Field with the receiving antenna placed in both horizontal and vertical polarizations

