Hughes Network Systems



Section 1. Test Setup Photos

1.1 Test Setup (Integrated Patch Antenna)

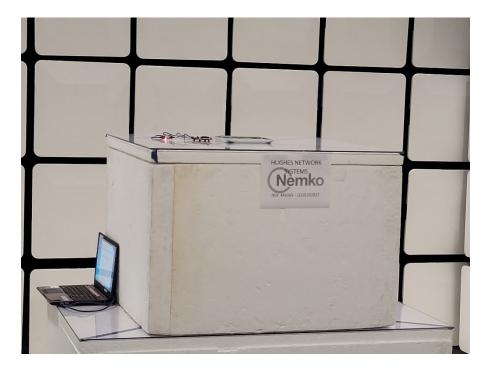


Figure 1 – Test setup.



1.2 Radiated emissions test setup (Integrated Patch Antenna)



Figure 2 - Radiated emissions below 1 GHz (0.03 – 1 GHz), front view.

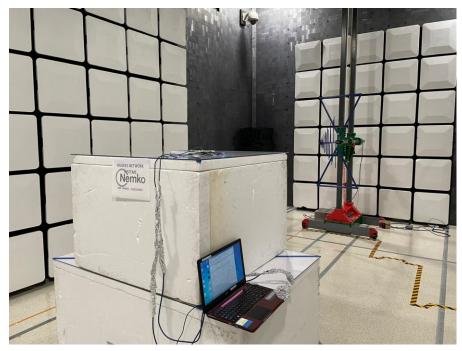


Figure 3 - Radiated emissions below 1 GHz (0.03 – 1 GHz), rear view.



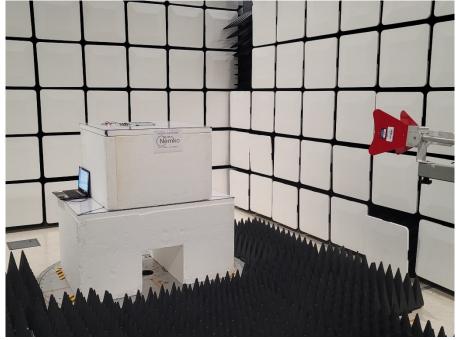


Figure 4 - Radiated emissions above 1 GHz (1 – 18 GHz), front view.

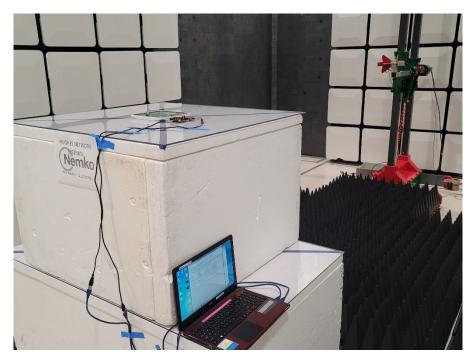


Figure 5 - Radiated emissions above 1 GHz (1 - 18 GHz), rear view.



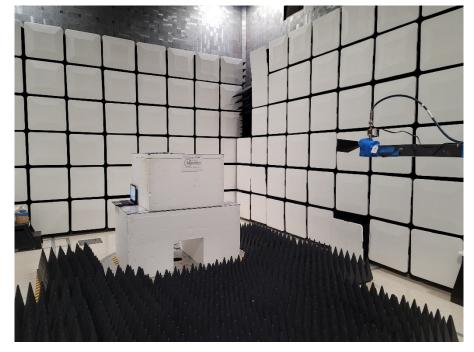


Figure 6 - Radiated emissions above 1 GHz (18 – 26 GHz), front view.

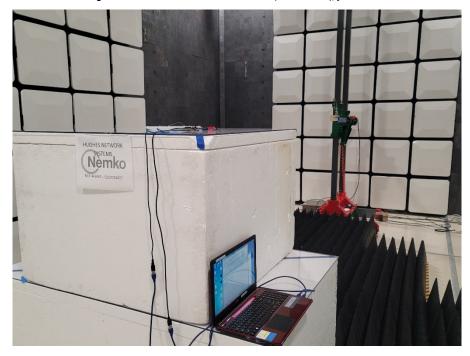


Figure 7 - Radiated emissions above 1 GHz (18 – 26 GHz), rear view.



1.3 Test Setup (Integrated PCB Antenna)



Figure 8 – Test setup.



1.4 Radiated emissions test setup (Integrated PCB Antenna)



Figure 9 - Radiated emissions below 1 GHz (0.03 – 1 GHz), front view.

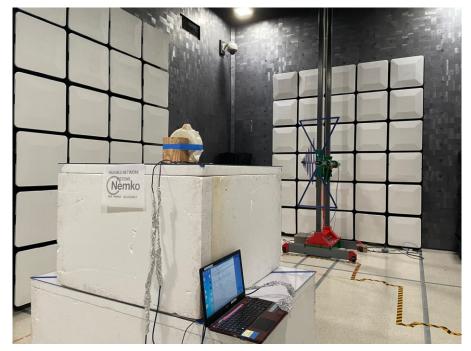


Figure 10 - Radiated emissions below 1 GHz (0.03 – 1 GHz), rear view.



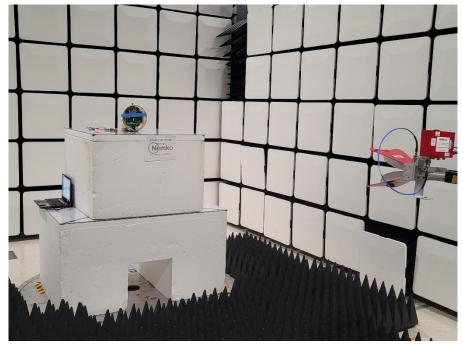


Figure 11 - Radiated emissions above 1 GHz (1 - 18 GHz), front view.

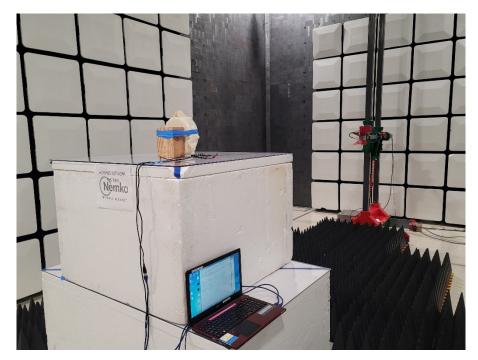


Figure 12 - Radiated emissions above 1 GHz (1 - 18 GHz), rear view.



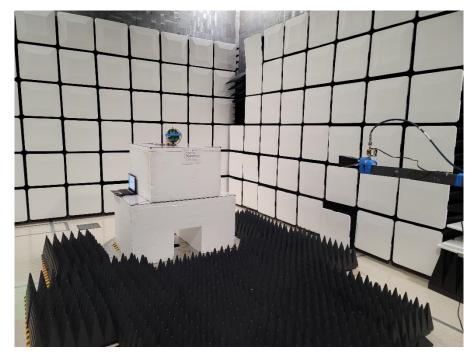


Figure 13 - Radiated emissions above 1 GHz (18 – 26 GHz), front view.

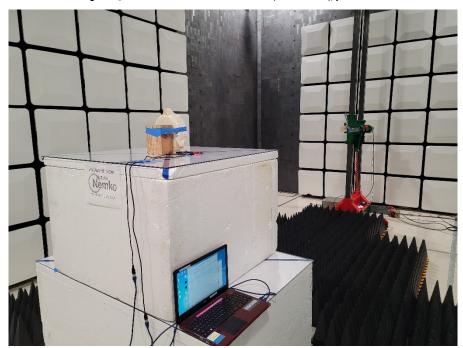


Figure 14 - Radiated emissions above 1 GHz (18 – 26 GHz), rear view.

1.5 Test Setup (L-Comm Rubber Duck Antenna: HG2403RD-RSF)



Figure 15 – Test setup.



1.6 Radiated emissions test setup (L-Comm Rubber Duck Antenna: HG2403RD-RSF)



Figure 16 - Radiated emissions below 1 GHz (0.03 – 1 GHz), front view.

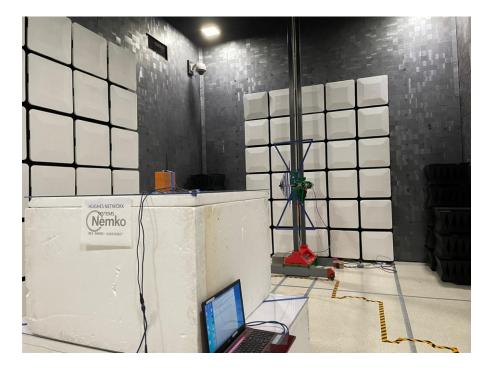


Figure 17 - Radiated emissions below 1 GHz (0.03 – 1 GHz), rear view.



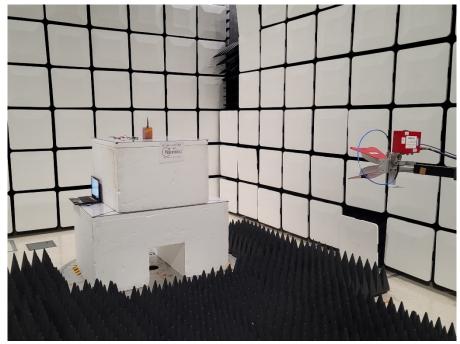


Figure 18 - Radiated emissions above 1 GHz (1 – 18 GHz), front view.



Figure 19 - Radiated emissions above 1 GHz (1 - 18 GHz), rear view.



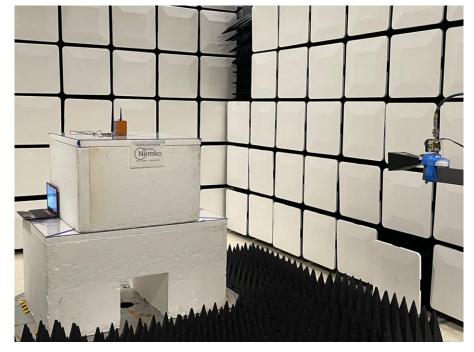


Figure 20 - Radiated emissions above 1 GHz (18 – 26 GHz), front view.

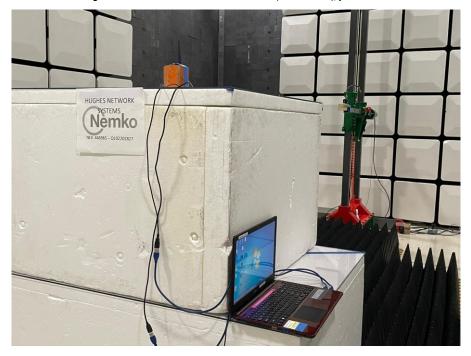


Figure 21 - Radiated emissions above 1 GHz (18 – 26 GHz), rear view.