



**Melange Systems Private Limited**  
*Wireless controls in action*

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## TI05BL02-PA PCB antenna radiation patterns

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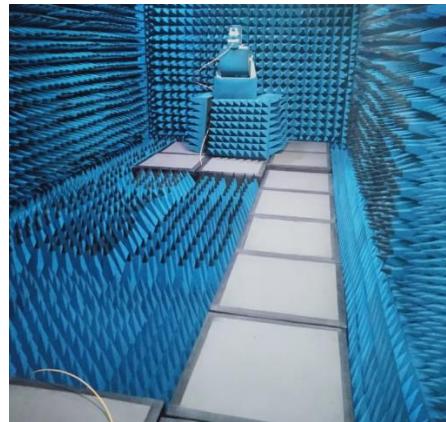
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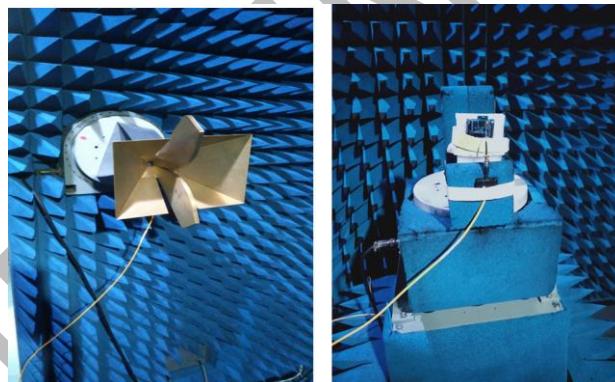
**TarangMini TI05BL02-PA Module**



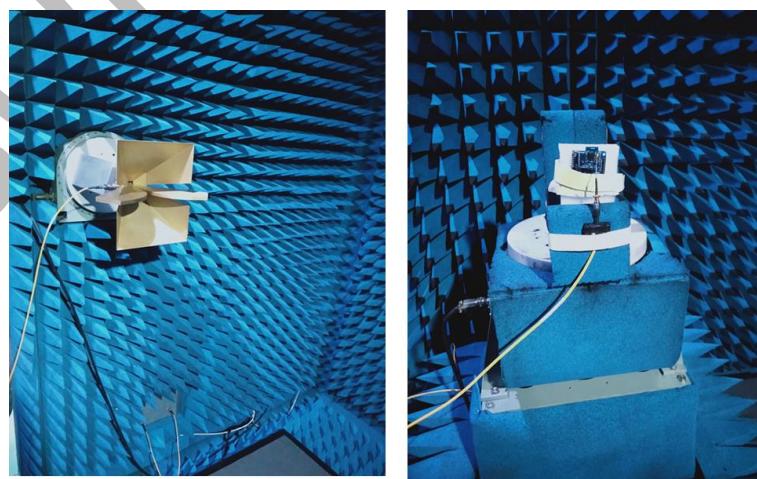
## 1. Module placement in anechoic chamber



## 2. Module position in H-plane, co-polarization with reference to Horn antenna

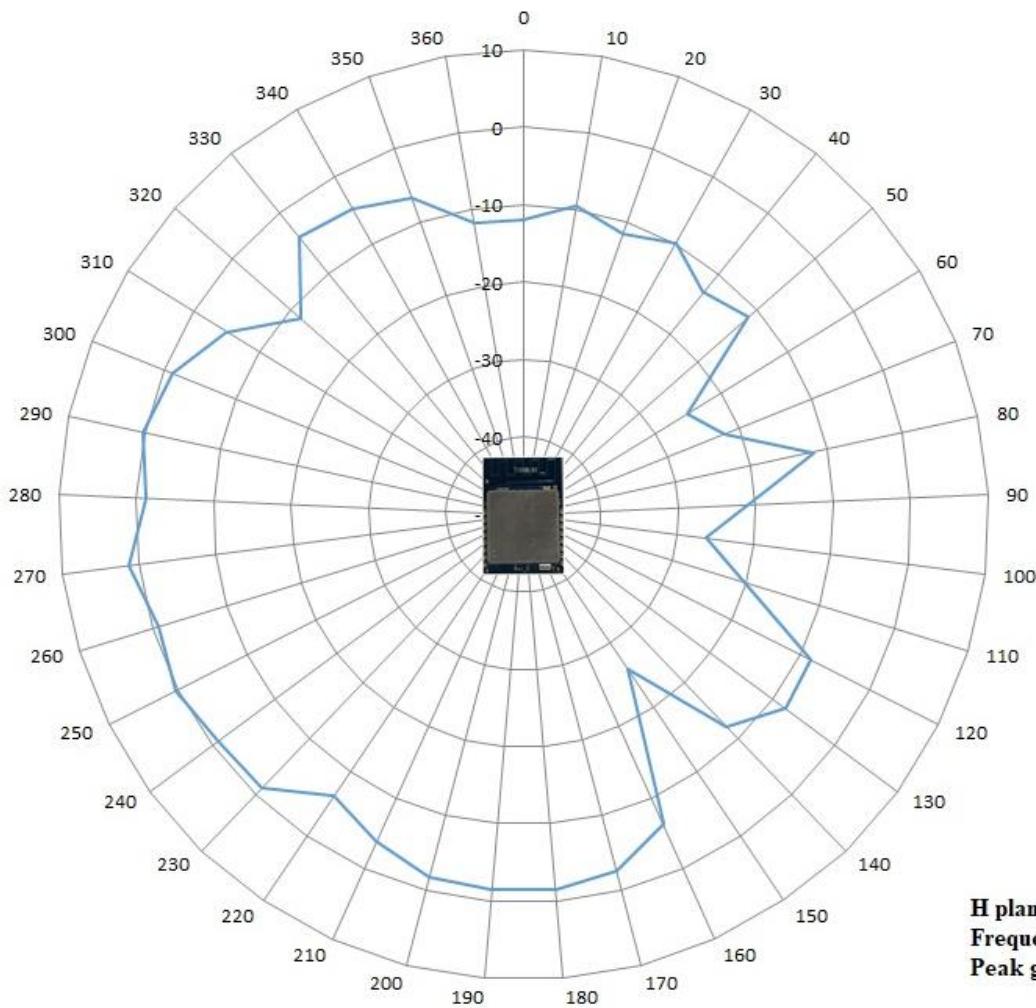


## 3. Module position in H-plane, cross-polarization with reference to Horn antenna



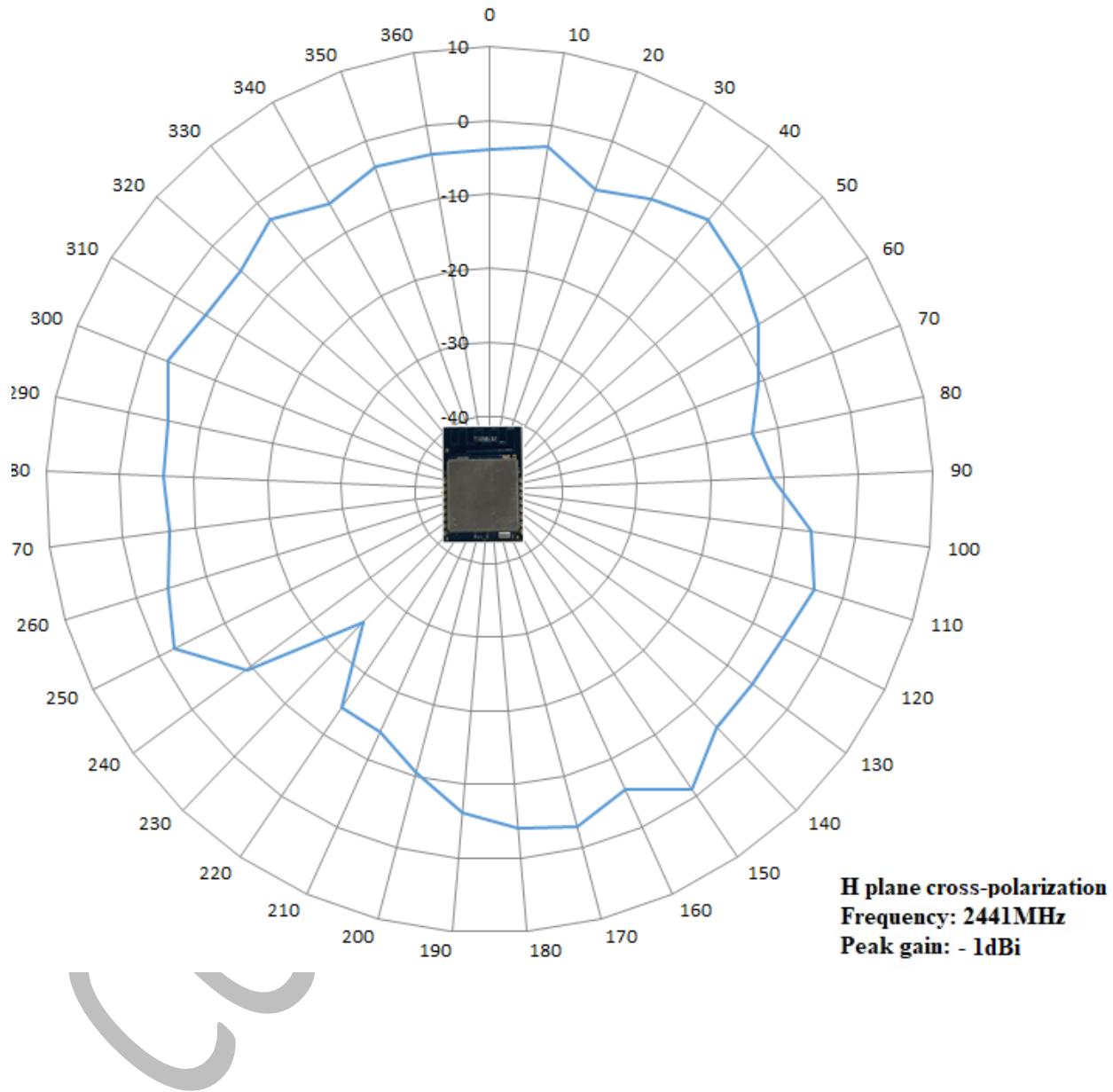


## 4. 2D pattern of the module in H-plane Co-polarization





## 5. 2D pattern of the module in H-plane Cross-polarization



Note: The radiation pattern can be affected by mounting structures and nearby obstacles located in the proximity of the antenna (near-field)