



HCT Co., Ltd.

74, Seoicheon-ro 578beon-gil, Majang-myeon, Icheon-si, Gyeonggi-do, 17383 KOREA
Tel. +82 31 634 6300 Fax. +82 31 645 6401

Appendix A:
Test Setup
Photo

| | |
|-----------------------------|---------------------|
| FCC ID A3LSMS926B | |
| File No. | |
| HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P |
| HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P |
| HCT-RF-2310-FC054-P | HCT-RF-2310-FC055-P |
| HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P |
| HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| HCT-RF-2310-FC060-P | |

REVISION HISTORY

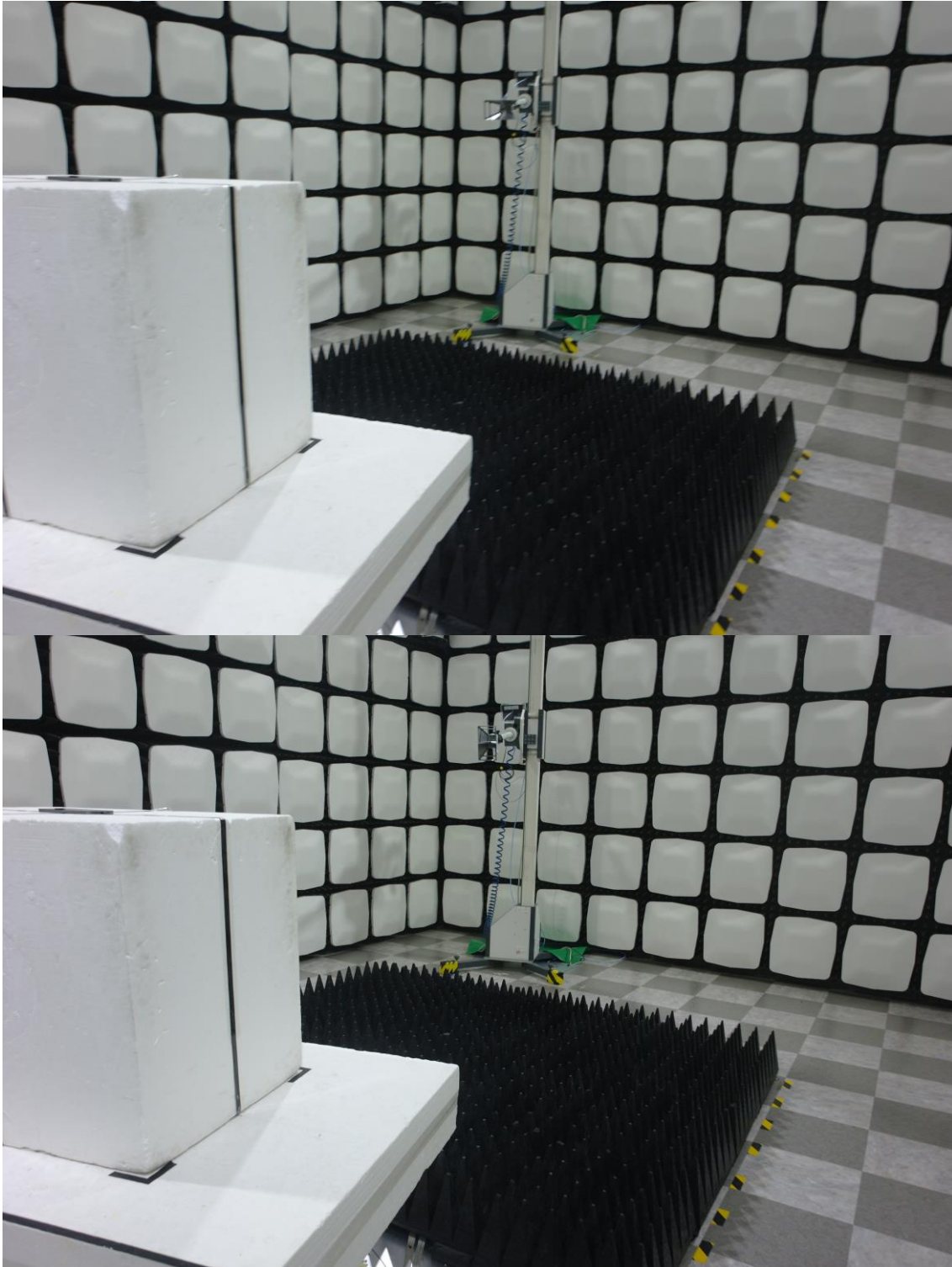
The revision history for this document is shown in table.

| Revision No. | Date of Issue | Description |
|--------------|------------------|-----------------|
| 0 | October 17, 2023 | Initial Release |

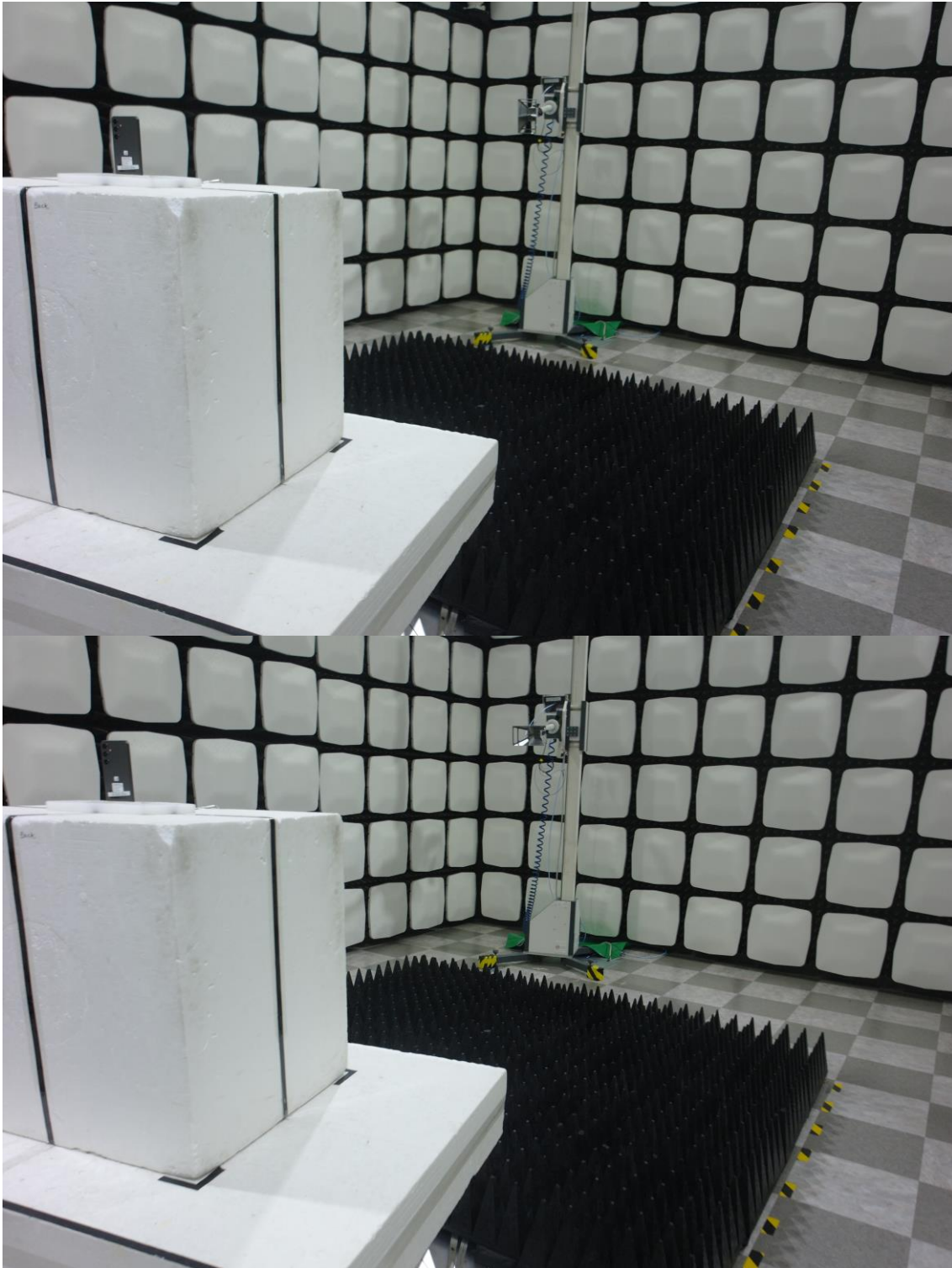
| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

1. Radiated Test Setup Photo

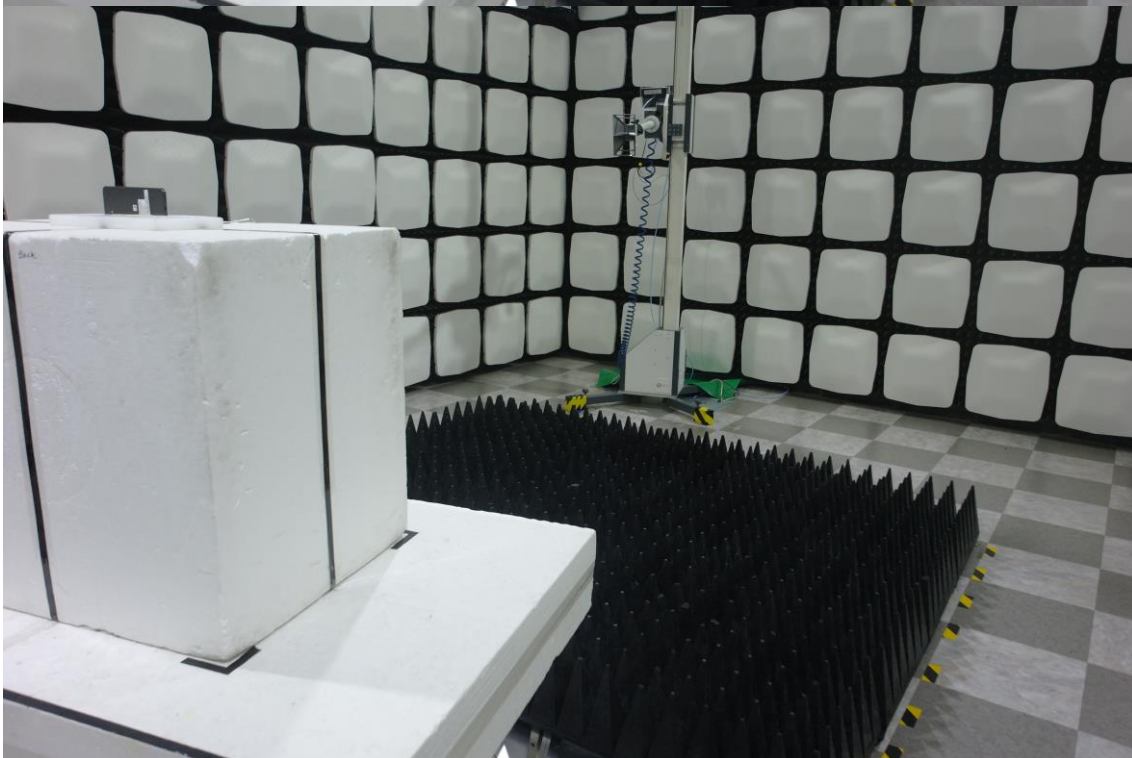
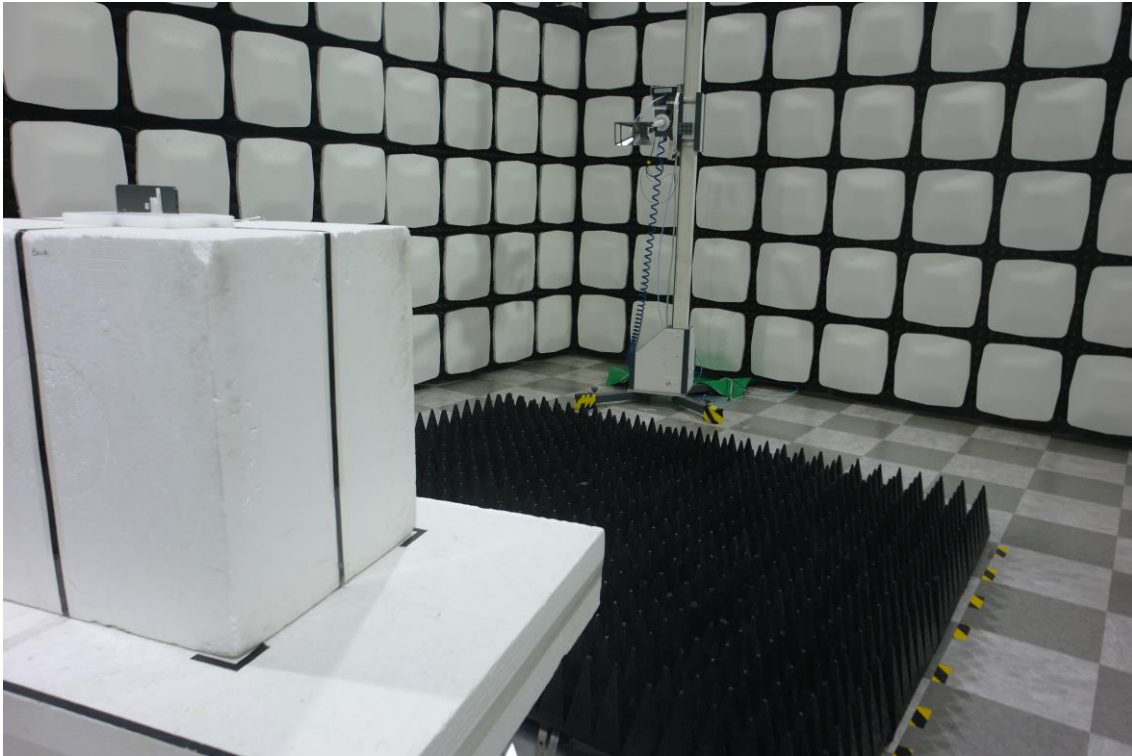
Radiated spurious emissions & Restricted Band Edge (Above 1 GHz)



| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

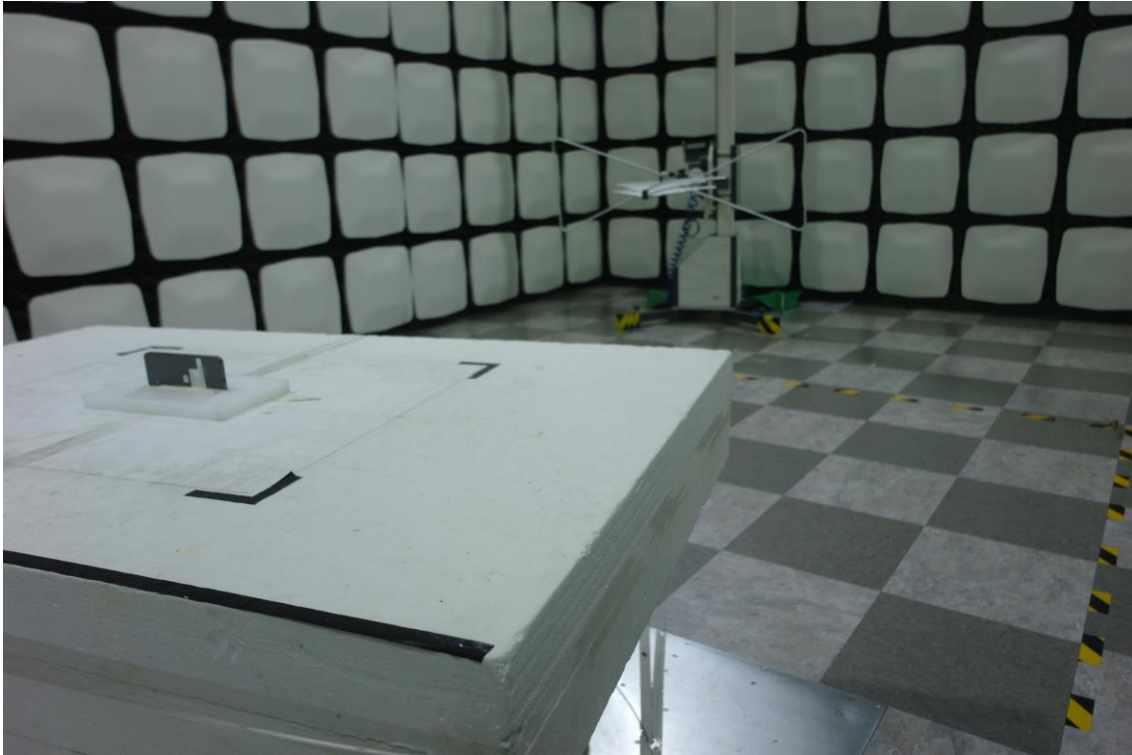


| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

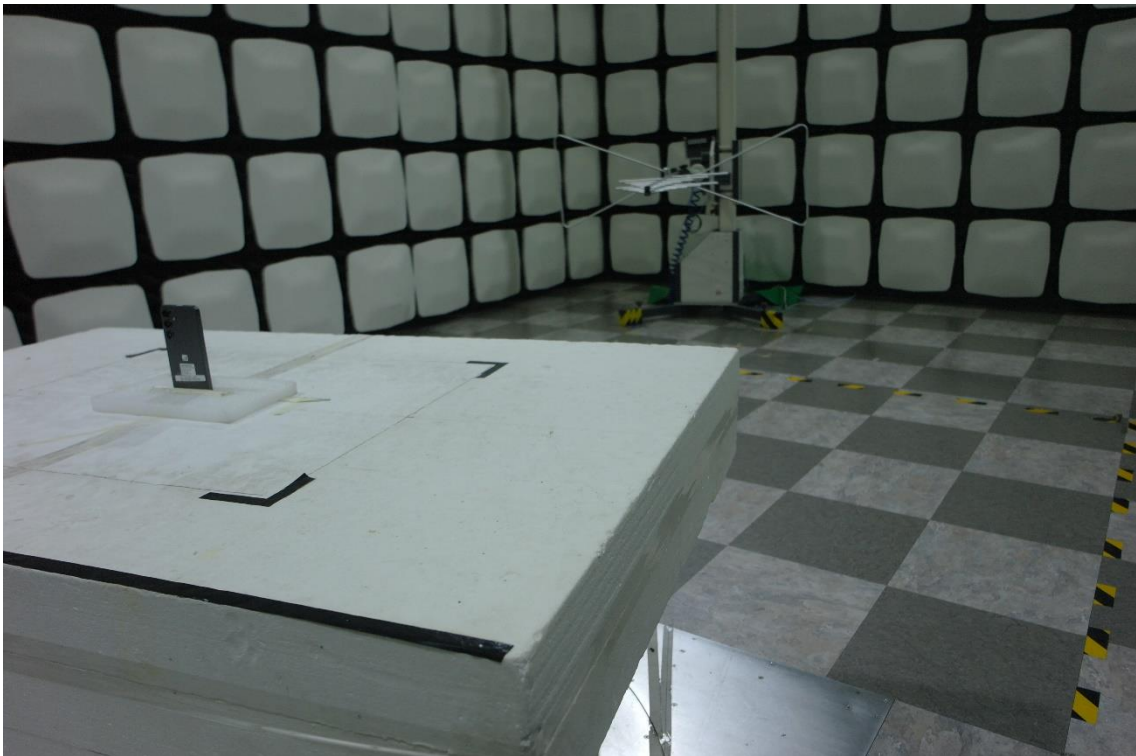
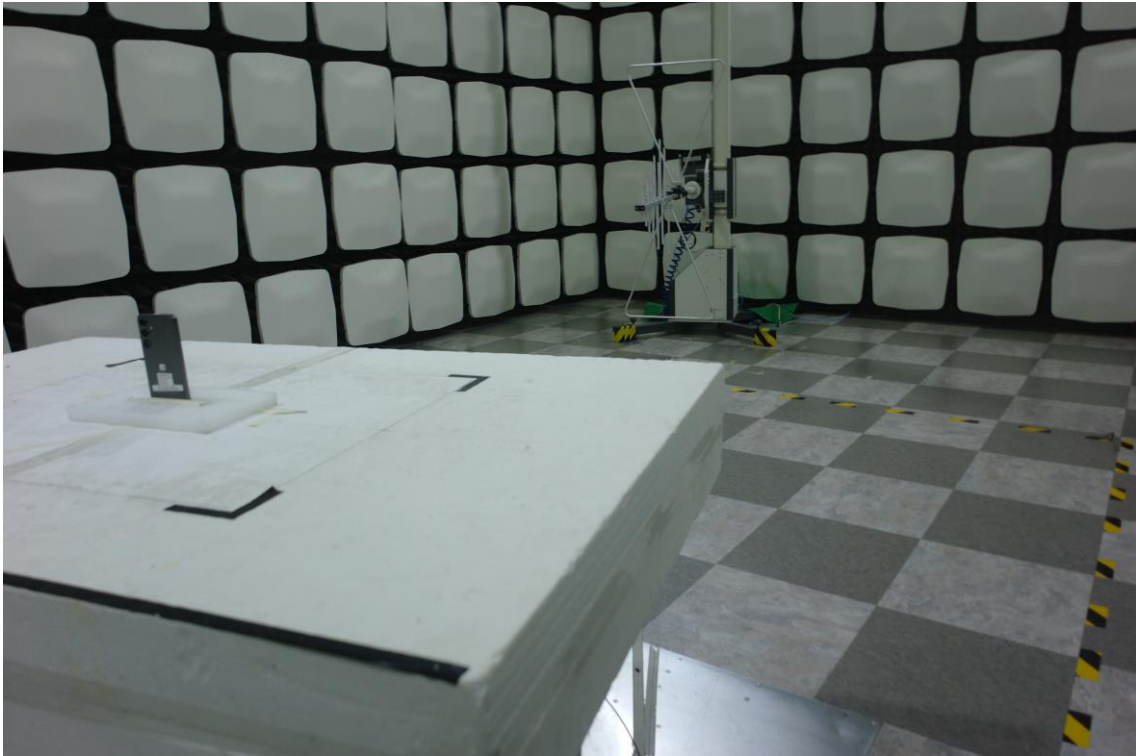


| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

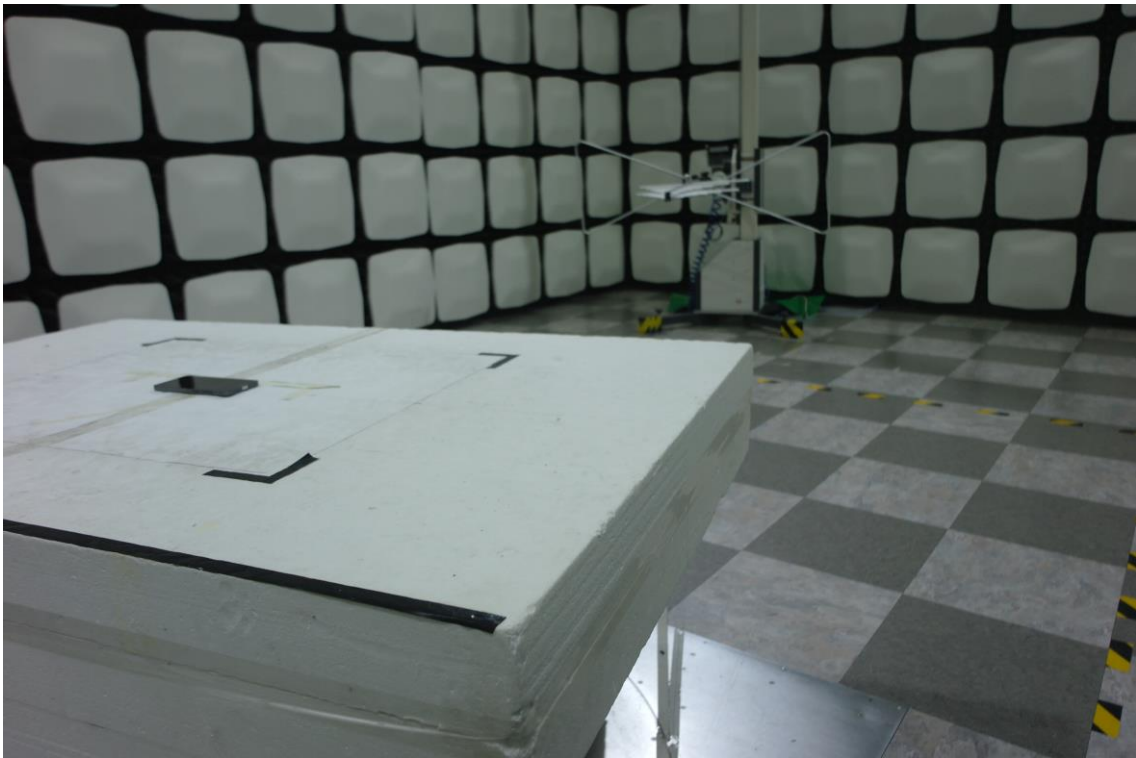
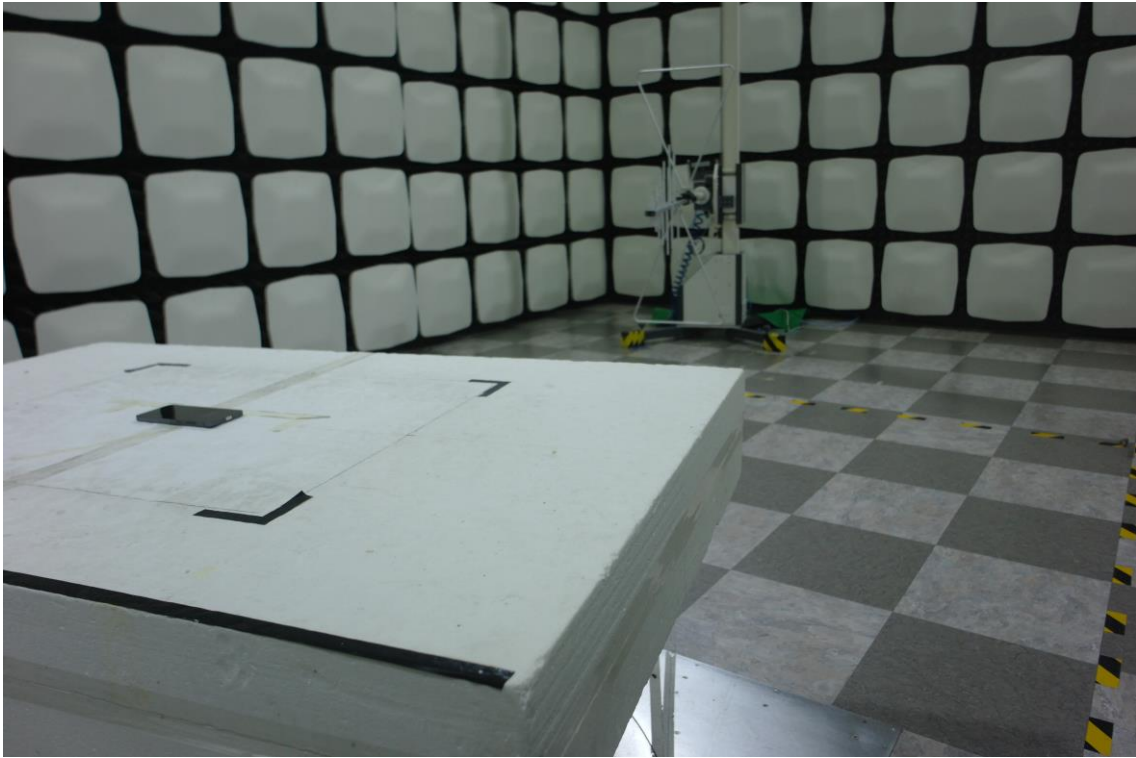
Radiated spurious emissions (Below 1GHz)



| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

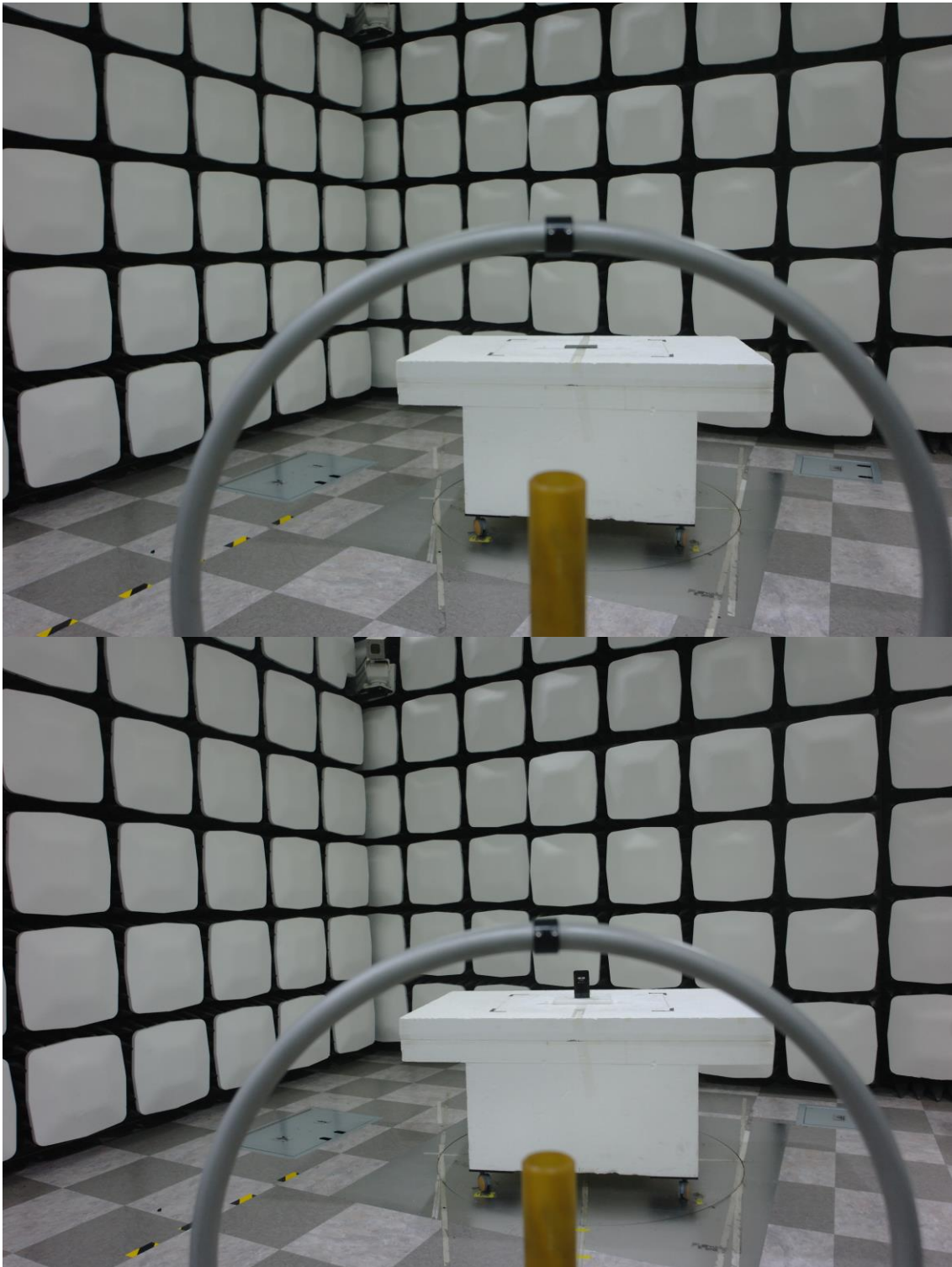


| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

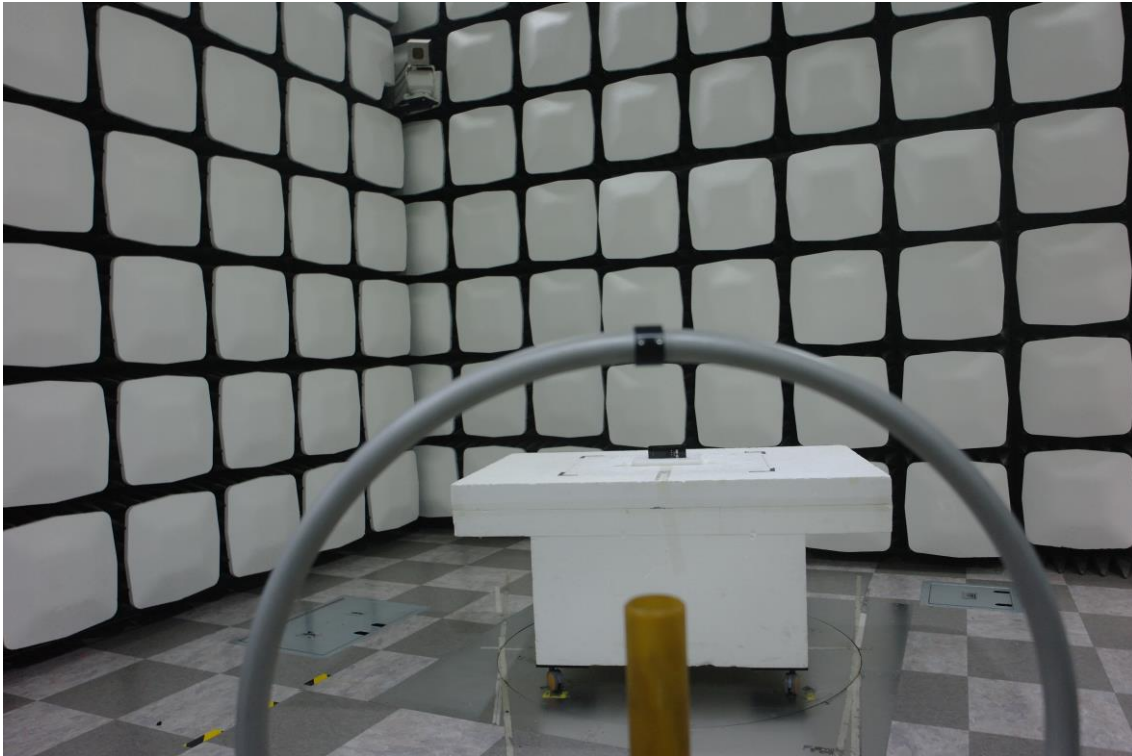


| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

NFC Radiated Test Setup Photo for below 30 MHz:



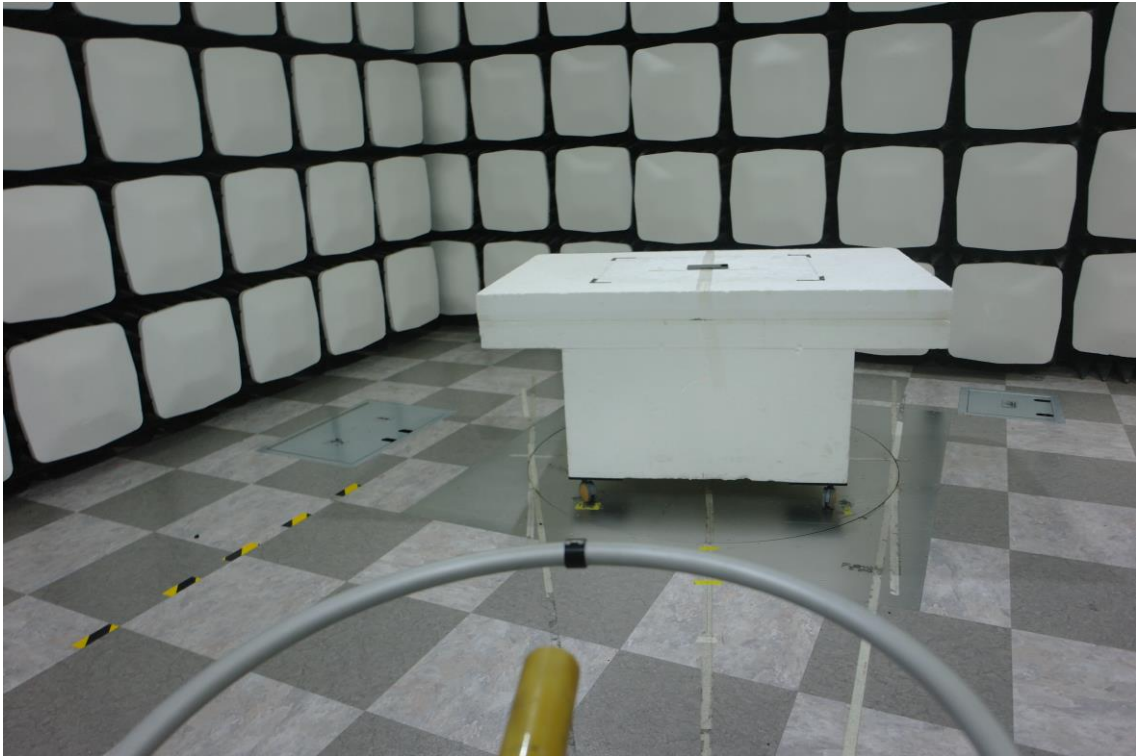
| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |



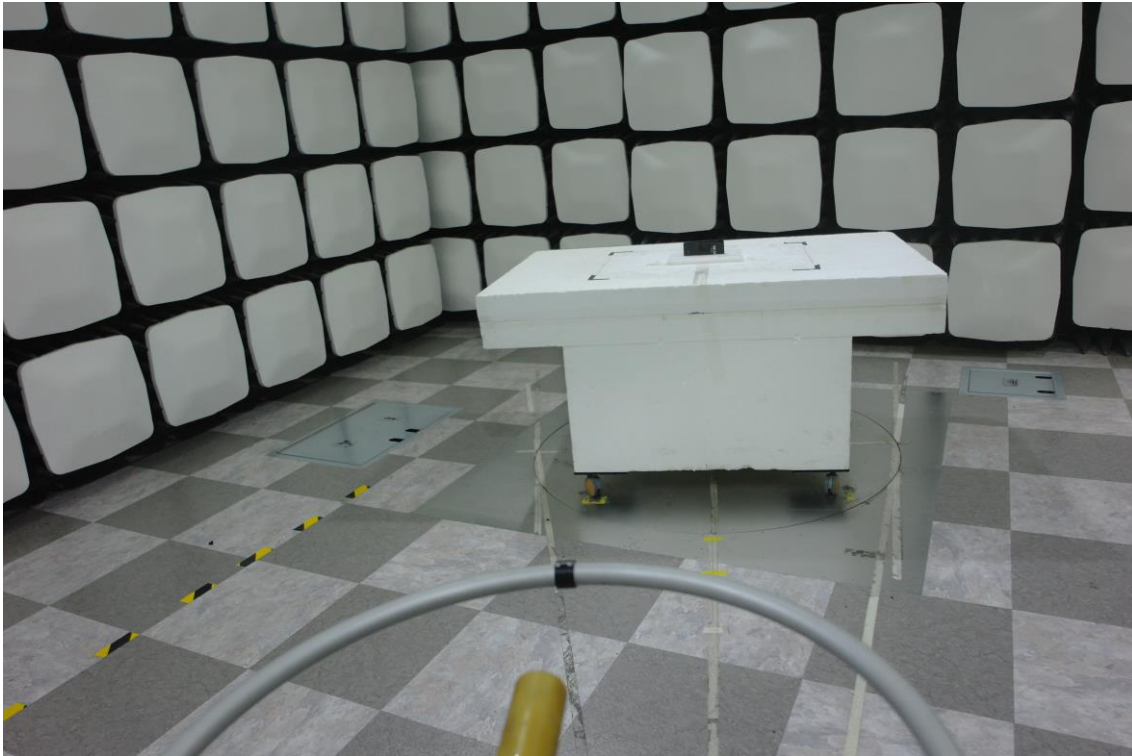
| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |



| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| File No. | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |



| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| File No. | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

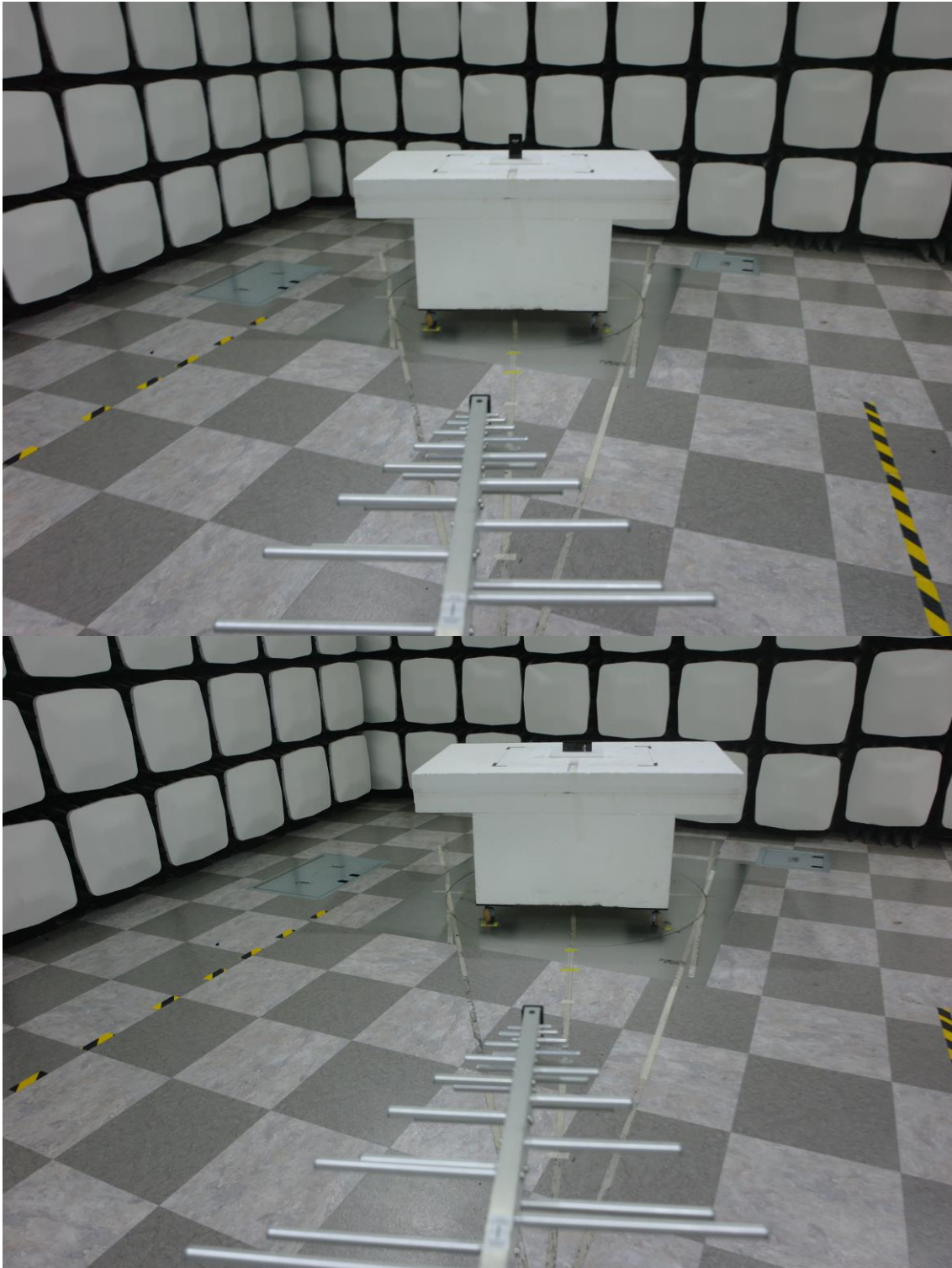


| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| File No. | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

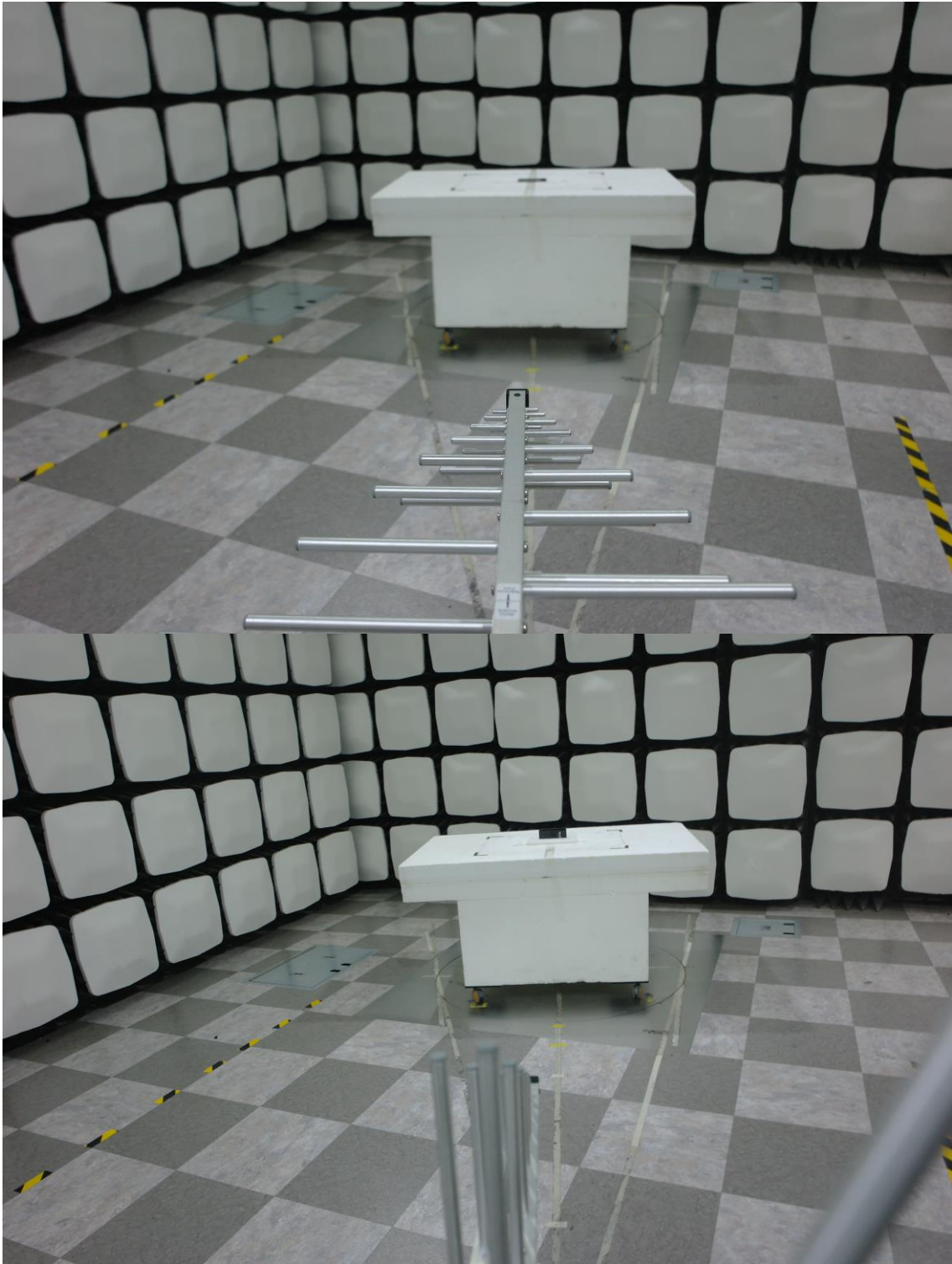


| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

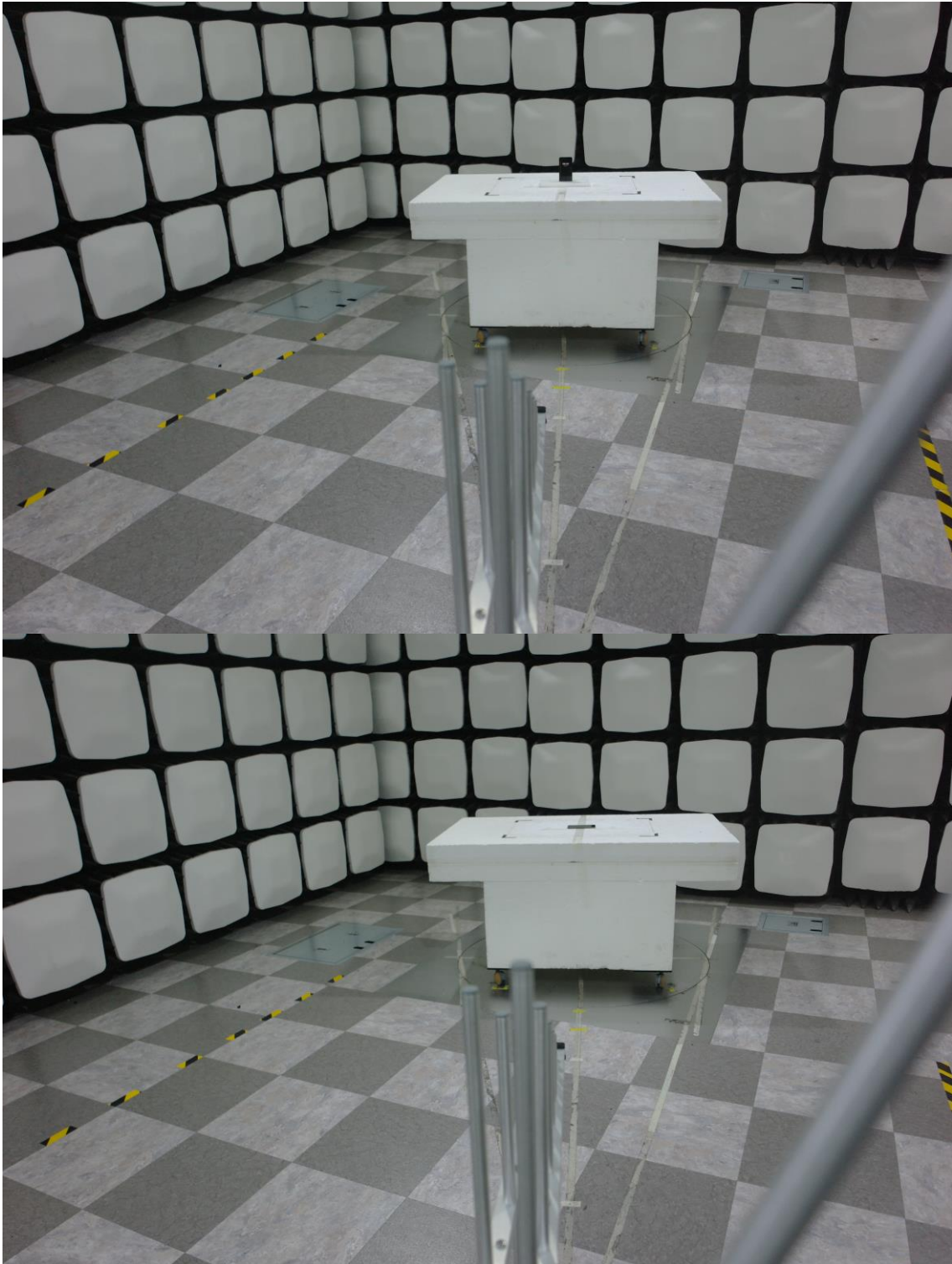
NFC Radiated Test Setup Photo for 30 MHz ~ 1 GHz :



| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

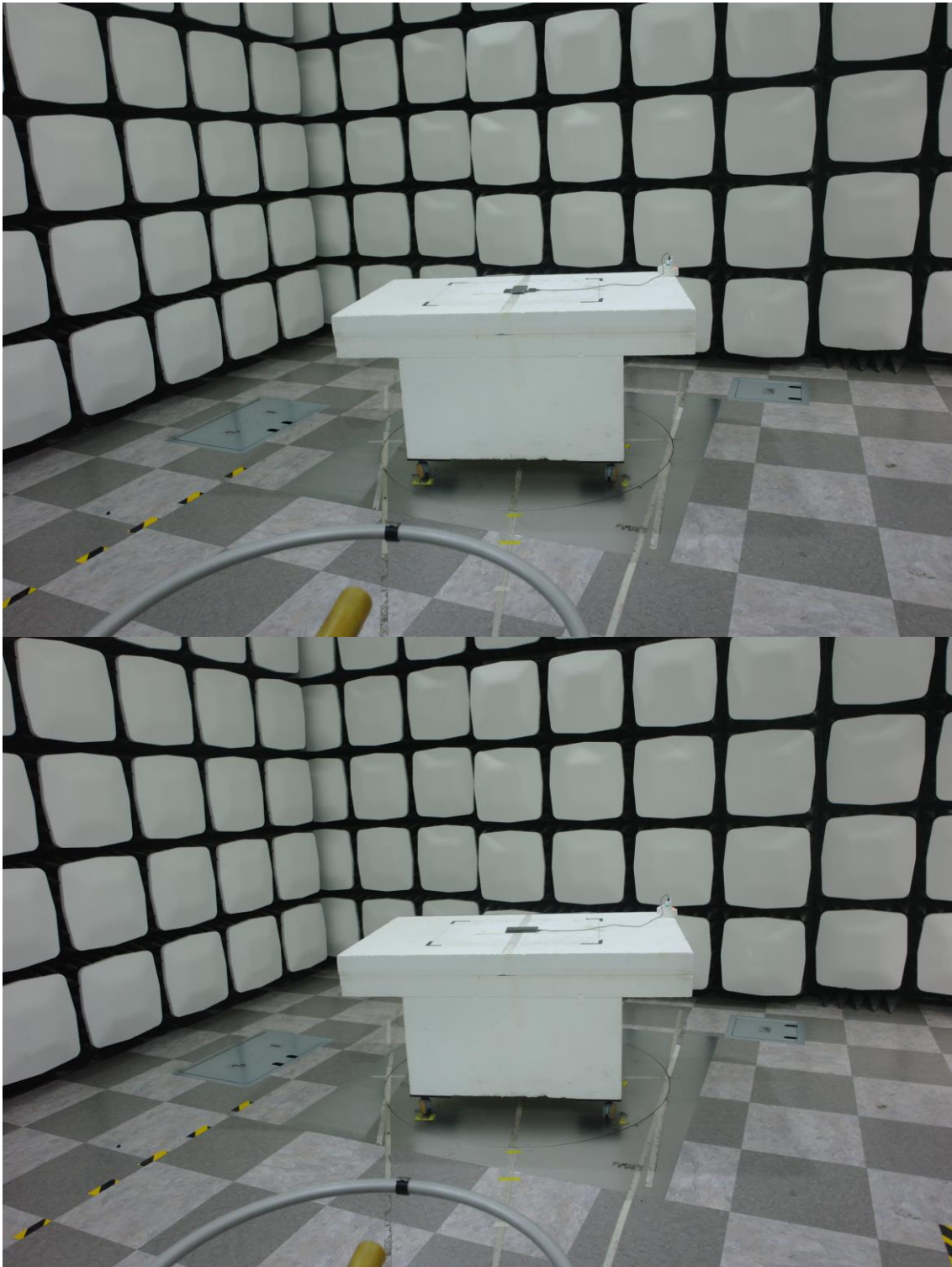


| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

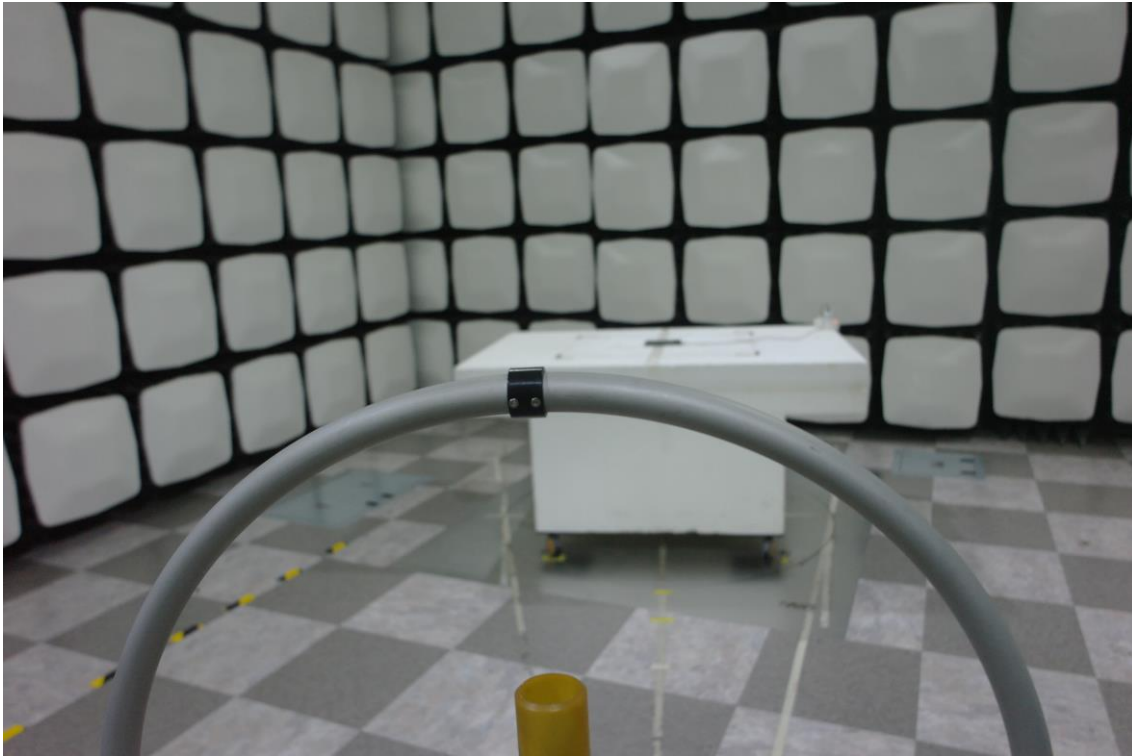


| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

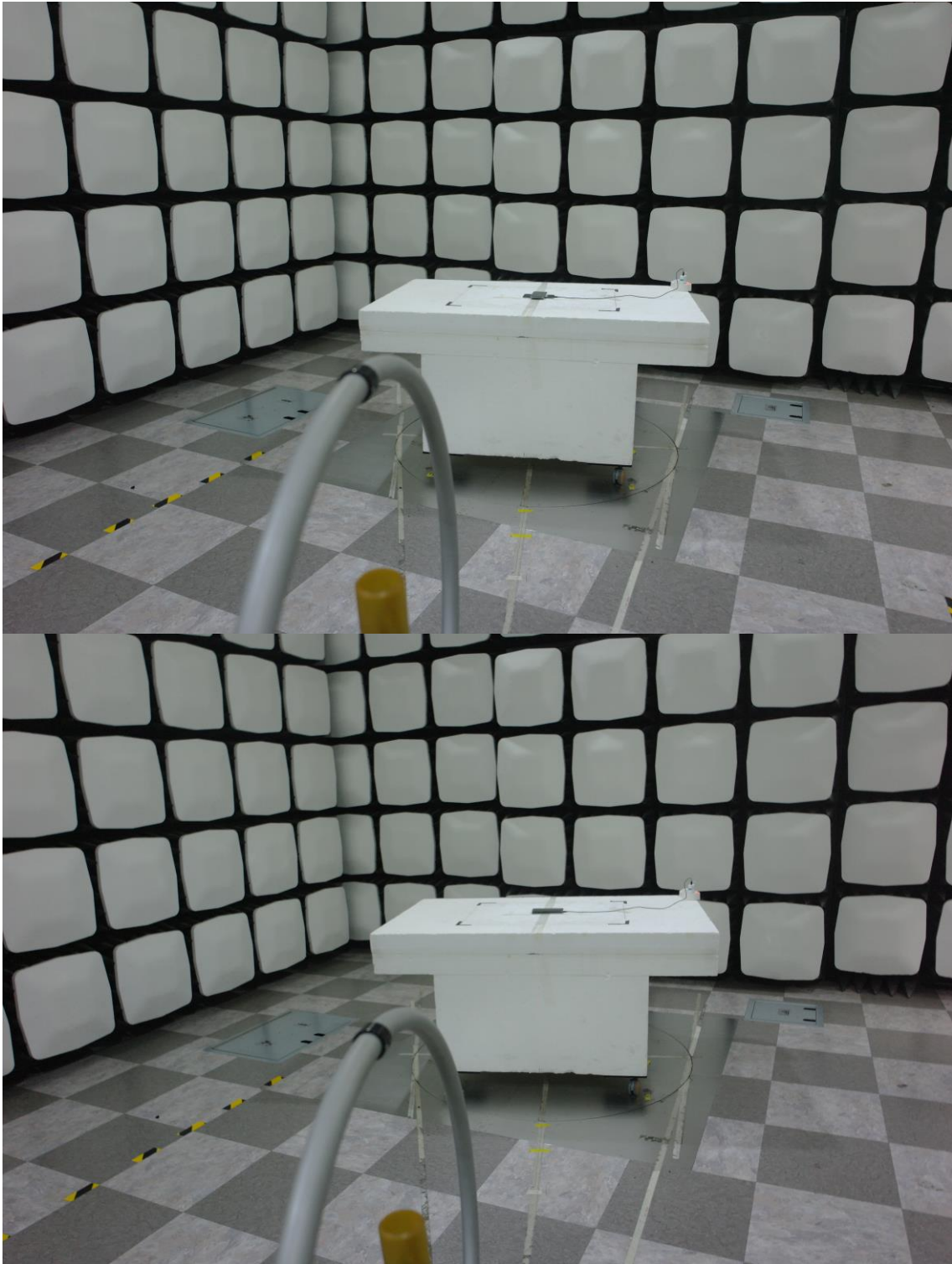
WPT Radiated Test Setup Photo for below 30 MHz:



| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |



| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

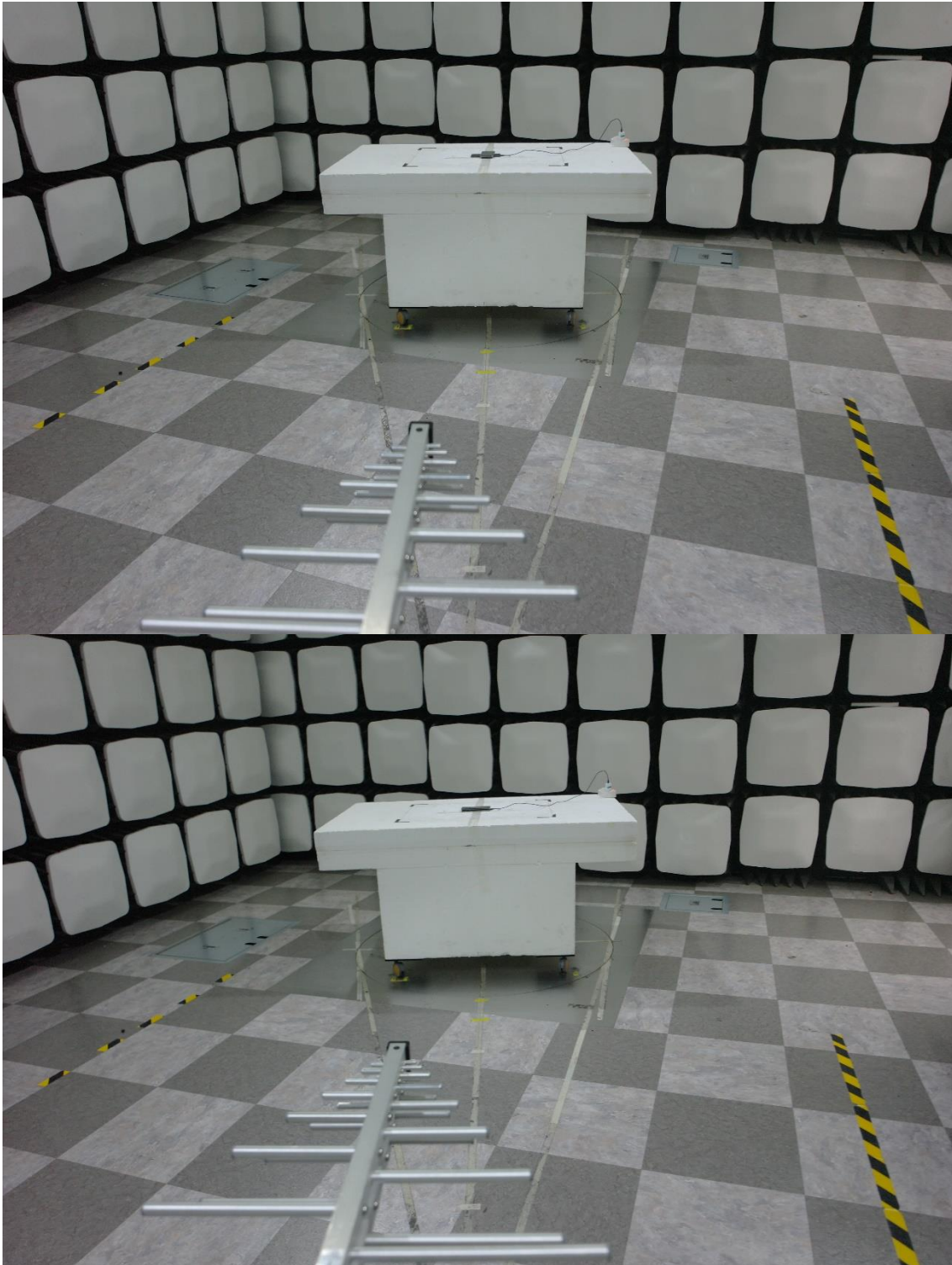


| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

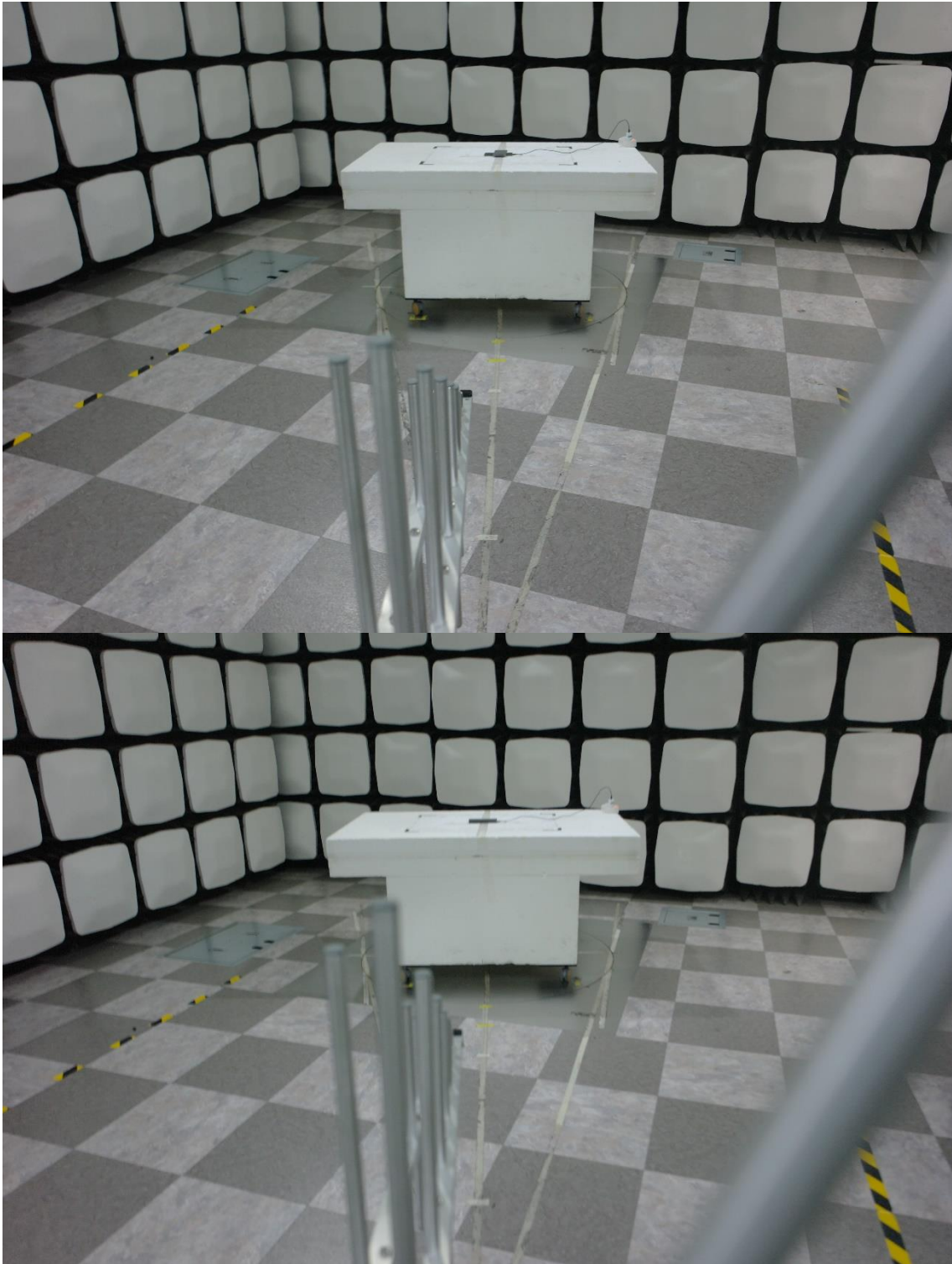


| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

WPT Radiated Test Setup Photo for 30 MHz ~ 1 GHz :



| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |



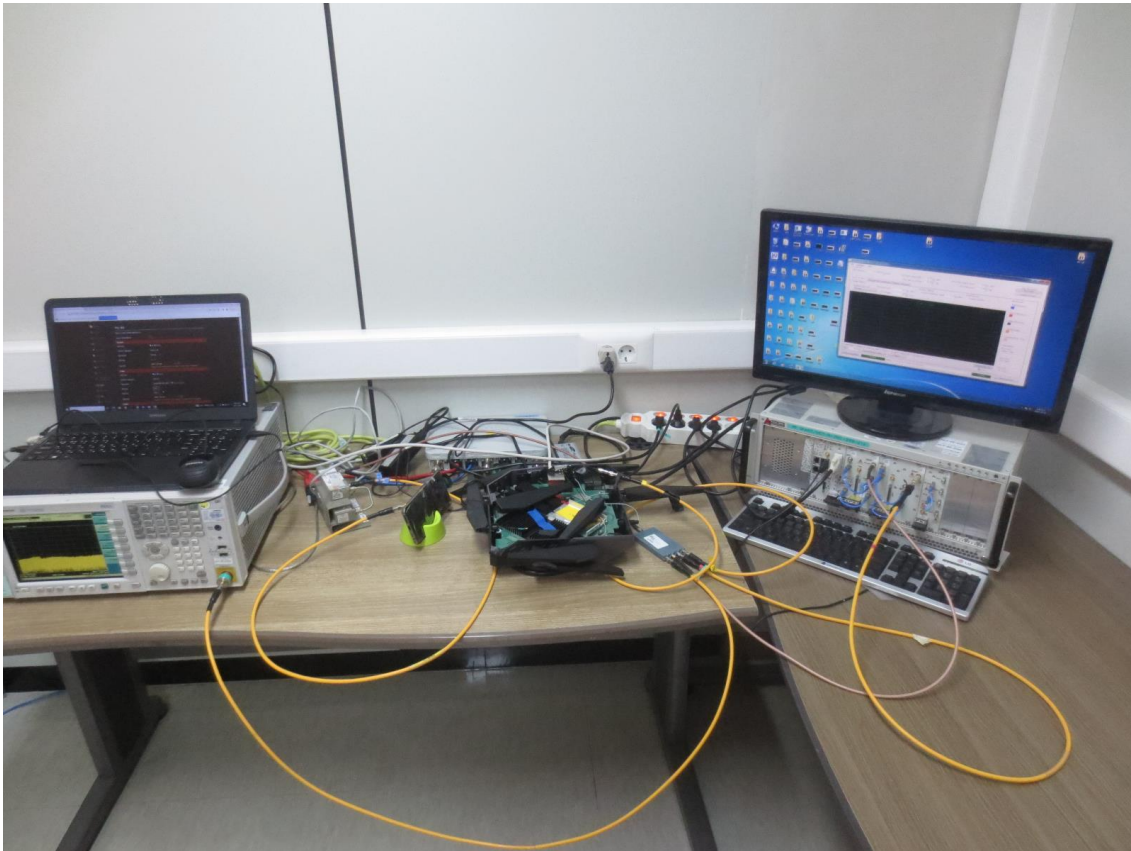
| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| File No. | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

2. Conducted Test Setup Photo



| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| File No. | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

3. DFS Test Setup Photo



| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| File No. | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

4. AC Power Line Conducted Test Setup Photo



| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| File No. | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

[WPT]

Position: Alignment

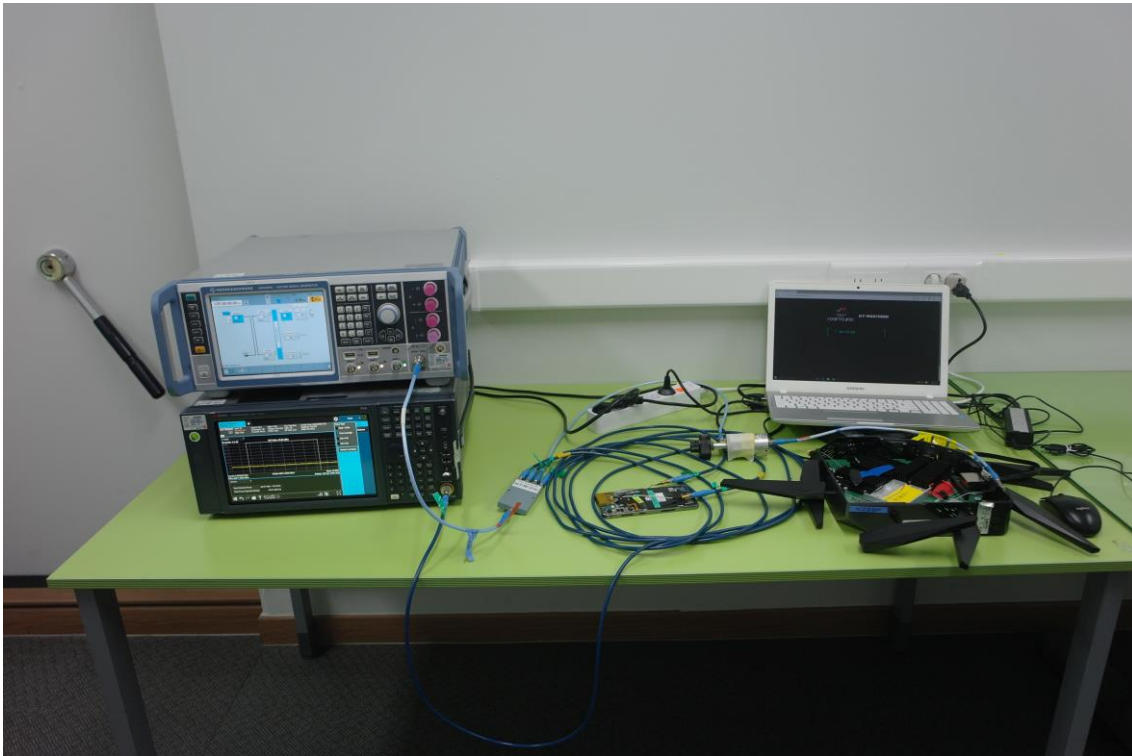


Position: Cross



| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| File No. | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |

5. Contention Based Protocol



| | | | | | |
|----------|---------------------|---------------------|---------------------|---------------------|---------------------|
| File No. | HCT-RF-2309-FC014-P | HCT-RF-2310-FC051-P | HCT-RF-2310-FC052-P | HCT-RF-2310-FC053-P | HCT-RF-2310-FC054-P |
| | HCT-RF-2310-FC055-P | HCT-RF-2310-FC056-P | HCT-RF-2310-FC057-P | HCT-RF-2310-FC058-P | HCT-RF-2310-FC059-P |
| | HCT-RF-2310-FC060-P | | | | |