**ภาคผนวก ๔**

**แบบรับฟังความคิดเห็นต่อ (ร่าง) ประกาศ กสทช. เรื่อง หลักเกณฑ์การอนุญาต  
ให้ใช้คลื่นความถี่ย่าน ๙๒๐-๙๒๕ เมกะเฮิรตซ์**

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| small garuda | **แบบแสดงความคิดเห็น**  **(ร่าง) ประกาศ กสทช. เรื่อง หลักเกณฑ์การอนุญาต**  **ให้ใช้คลื่นความถี่ย่าน ๙๒๐-๙๒๕ เมกะเฮิรตซ์** |

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| **วัน/เดือน/ปี** |  |
| **ชื่อ/หน่วยงานผู้ให้ความคิดเห็น** |  |
| **ที่อยู่** |  |
| **โทรศัพท์** |  |
| **โทรสาร** |  |
| **Email address** |  |

**ประเด็นรับฟังความคิดเห็น**

| **ประเด็น** | **ความคิดเห็น/ข้อเสนอแนะ** |
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| 1. นิยามที่เกี่ยวข้อง (ข้อ ๑) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................  ........................................................................................................................................................................................ |
| 1. การยกเลิกประกาศ กทช. เรื่อง เครื่องวิทยุคมนาคมประเภท RFID (ข้อ ๒) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................  ........................................................................................................................................................................................ |
| 1. คลื่นความถี่ (ข้อ ๓) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................  ........................................................................................................................................................................................ |
| 1. หลักเกณฑ์การอนุญาตใช้งานเครื่องวิทยุคมนาคมประเภท RFID (ข้อ ๔) |  |
| ๑) **กำลังส่ง** (ข้อ ๔.๑) | ........................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| **๒) ใบอนุญาตวิทยุคมนาคม** (ข้อ ๔.๒) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| **๓) มาตรฐานทางเทคนิค** (ข้อ ๔.๓) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๔) สิทธิคุ้มครองการรบกวน (ข้อ ๔.๔) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๕. หลักเกณฑ์การอนุญาตใช้งานเครื่องวิทยุคมนาคมประเภทสื่อสารข้อมูลทั่วไป ที่ไม่ใช่ RFID (ข้อ ๕) |  |
| ๑) **กำลังส่ง** (ข้อ ๕.๑) | ........................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| **๒) ใบอนุญาตวิทยุคมนาคม** (ข้อ ๕.๒) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| **๓) มาตรฐานทางเทคนิค** (ข้อ ๕.๓) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๔) สิทธิคุ้มครองการรบกวน (ข้อ ๕.๔) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |

ประเด็นอื่นๆ

**ภาคผนวก ๕**

**แบบรับฟังความคิดเห็นต่อ (ร่าง) ประกาศ กสทช. เรื่อง มาตรฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์สำหรับเครื่องวิทยุคมนาคมประเภท Radio frequency Identification: RFID**

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| small garuda | **แบบแสดงความคิดเห็น**  **(ร่าง) ประกาศ กสทช. เรื่อง มาตรฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์**  **สำหรับเครื่องวิทยุคมนาคมประเภท Radio frequency Identification: RFID** |

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| **วัน/เดือน/ปี** |  |
| **ชื่อ/หน่วยงานผู้ให้ความคิดเห็น** |  |
| **ที่อยู่** |  |
| **โทรศัพท์** |  |
| **โทรสาร** |  |
| **Email address** |  |

| **ประเด็น** | **ความคิดเห็น/ข้อเสนอแนะ** |
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| 1. ขอบข่าย (ข้อ ๑) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| 1. มาตรฐานทางเทคนิค (ข้อ ๒) |  |
| ๒.๑ มาตรฐานทางเทคนิคด้านคลื่นความถี่  (ข้อ ๒.๑) |  |
| ๒.๑.๑ ย่านความถี่วิทยุใช้งานต่ำกว่า ๑๓๕  กิโลเฮิรตซ์ (ข้อ ๒.๑.๑) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๒.๑.๒ ย่านความถี่วิทยุใช้งาน  ๑๓.๕๕๓ - ๑๓.๕๖๗ เมกะเฮิรตซ์ (ข้อ ๒.๑.๒) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๒.๑.๓ ย่านความถี่วิทยุใช้งาน  ๔๓๓.๐๕ – ๔๓๔.๗๙ เมกะเฮิรตซ์ (ข้อ ๒.๑.๓) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๒.๑.๔ ย่านความถี่วิทยุใช้งาน  ๙๒๐ - ๙๒๕ เมกะเฮิรตซ์ (ข้อ ๒.๑.๔) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๒.๑.๕ ย่านความถี่วิทยุใช้งาน ๒.๔-๒.๕ กิกะเฮิรตซ์  (ข้อ ๒.๑.๔) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๒.๑.๖ ย่านความถี่วิทยุใช้งาน ๕ กิกะเฮิรตซ์  (ข้อ ๒.๑.๖) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๒.๒ มาตรฐานด้านความปลอดภัย (ข้อ ๒.๒) |  |
| ๒.๒.๑ ความปลอดภัยทางไฟฟ้า (ข้อ ๒.๒.๑) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๒.๔.๒ ความปลอดภัยเกี่ยวกับการใช้เครื่องวิทยุคมนาคมต่อสุขภาพของมนุษย์ (ข้อ ๒.๔.๒) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๓. การแสดงความสอดคล้องตามมาตรฐานทางเทคนิค (ข้อ ๓) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |

**ภาคผนวก ๖**

**แบบรับฟังความคิดเห็นต่อ (ร่าง) ประกาศ กสทช. เรื่อง มาตรฐานทางเทคนิคของเครื่องโทรคมนาคม  
และอุปกรณ์สำหรับเครื่องวิทยุคมนาคมที่ไม่ใช่ประเภท Radio Frequency Identification: RFID   
ซึ่งใช้คลื่นความถี่ย่าน ๙๒๐-๙๒๕ เมกะเฮิรตซ์**

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| small garuda | **แบบแสดงความคิดเห็น**  **(ร่าง) ประกาศ กสทช. เรื่อง มาตรฐานทางเทคนิคของเครื่องโทรคมนาคมและอุปกรณ์สำหรับเครื่องวิทยุคมนาคม**  **ที่ไม่ใช่ประเภท Radio Frequency Identification: RFID ซึ่งใช้คลื่นความถี่ย่าน ๙๒๐-๙๒๕ เมกะเฮิรตซ์** |

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| **วัน/เดือน/ปี** |  |
| **ชื่อ/หน่วยงานผู้ให้ความคิดเห็น** |  |
| **ที่อยู่** |  |
| **โทรศัพท์** |  |
| **โทรสาร** |  |
| **Email address** |  |

| **ประเด็น** | **ความคิดเห็น/ข้อเสนอแนะ** |
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| ๑. ขอบข่าย (ข้อ ๑) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๒. มาตรฐานทางเทคนิค (ข้อ ๒) |  |
| ๒.๑ กำลังส่งออกอากาศสมมูลแบบไอโซทรอปิก (ข้อ ๒.๑) | ........................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๒.๒ การแพร่แปลกปลอม (ข้อ ๒.๒) | ........................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๒.๓ การเข้าใช้สเปคตรัม (ข้อ ๒.๓) |  |
| ๒.๓.๑ ค่าอัตราการครอบครองคลื่นความถี่ทางเวลา (Duty Cycle) (ข้อ ๒.๓.๑) | ........................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๒.๓.๒ การส่งข้อมูลผ่านคลื่นความถี่ด้วยการแผ่สเปกตรัม (Frequency Hopping Spread  Spectrum : FHSS)(ข้อ ๒.๓.๒) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๒.๔ ข้อกำหนดด้านความปลอดภัย (ข้อ ๒.๔) |  |
| ๒.๔.๑ ความปลอดภัยทางไฟฟ้า (ข้อ ๒.๔.๑) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๒.๔.๒ ความปลอดภัยเกี่ยวกับการใช้เครื่องวิทยุคมนาคมต่อสุขภาพของมนุษย์ (ข้อ ๒.๔.๒) | ........................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |
| ๓. การแสดงความสอดคล้องตามมาตรฐานทางเทคนิค (ข้อ ๓) | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ |

**ภาคผนวก ๗**

**แบบรับฟังความคิดเห็นต่อ แนวทางการพิจารณาอนุญาตประกอบกิจการโทรคมนาคม**

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| small garuda | **แบบแสดงความคิดเห็น**  **แนวทางการพิจารณาอนุญาตประกอบกิจการโทรคมนาคม** |

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| **วัน/เดือน/ปี** |  |
| **ชื่อ/หน่วยงานผู้ให้ความคิดเห็น** |  |
| **ที่อยู่** |  |
| **โทรศัพท์** |  |
| **โทรสาร** |  |
| **Email address** |  |

| **ประเด็น** | **ความคิดเห็น/ข้อเสนอแนะ** |
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| ๑. กรณีใช้เครื่องวิทยุคมนาคม ย่านความถี่  ๙๒๐ – ๙๒๕ เมกะเฮิรตซ์ กำลังส่งไม่เกิน  ๕๐๐ มิลลิวัตต์   1. ) | ........................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ ........................................................................................................................................................................................ ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ ........................................................................................................................................................................................ ........................................................................................................................................................................................ |
| ๒. กรณีใช้เครื่องวิทยุคมนาคม ย่านความถี่  ๙๒๐ – ๙๒๕ เมกะเฮิรตซ์ กำลังส่งสูงกว่า  ๕๐๐ มิลลิวัตต์ | ................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ ........................................................................................................................................................................................ ........................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................................ ........................................................................................................................................................................................ ........................................................................................................................................................................................ |