**OPERATION IN U-NII BANDS – 802.11 CHANNEL PLAN (§15.407)**

### Frequency Range (MHz)

<table>
<thead>
<tr>
<th>Range</th>
<th>5150-5250</th>
<th>5250-5350</th>
<th>5470-5725</th>
<th>5725-5850</th>
</tr>
</thead>
</table>

### Condition of Operation

- Indoor/Outdoor, Master/Client, mobile/portable, and fixed Device, unless otherwise noted

### Max Conducted TX Power

**Master Device**
- 30 dBm (1 W)
- 24 dBm (250 mW) for client device

**Client Device**
- 4 W (36 dBm) with 6 dBi antenna
- 200 W (53 dBm) for fixed P-I-P application with 23 dBi antenna

**Outdoor Operation**
- Max_EIRP < 125 mW (21 dBm) at any elevation angle > 30° from horizon

### Max_EIRP

- 4 W (36 dBm) with 6 dBi antenna
- 1 W (30 dBm) with 6 dBi antenna
- 4 W (36 dBm) with 6 dBi antenna

### TX Power Reduction (dBm-by-dBi)

- > 6 dBi
- > 6 dBi

### Out of Band e.i.r.p. Emission

- ≤-27 dBm/MHz outside 5150-5350 MHz
- ≤-27 dBm/MHz outside 5470-5725 MHz

### Max Conducted Power Spectral Density (PSD)

- 17 dBm/MHz for master device
- 11 dBm/MHz for mobile/portable client device
- 11 dBm/MHz
- 30 dBm/500kHz

### Dynamic Frequency Selection (DFS) required?

- NO

### Transmit Power Control (TPC) required?

- NO

### Minimum BW requirement

- N/A

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**Emissions in each band shall comply with the limits applicable only to that band.**

The limit on maximum conducted output power in each band is computed based on the portion of the emission bandwidth contained within that band.

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