

## FCC Radios

### Approved Antennas

The table below identifies by a ✓, the antennas approved for use with LXE 2.4 GHz Spread Spectrum Radio Products in FCC accepting countries. The use of alternate antennas is prohibited unless otherwise approved by the appropriate approval agencies.

Approved Antenna/Radio Combinations For FCC Radios						
Antenna Information			LXE Radio Products			
LXE P/N	Antenna Type	Gain (dBi)	6430 (100mW)	6430 (500mW)	Proxim Type 2	Lucent 802.11(2Mb/s)
153179-0001	Omni	0	✓	✓		✓
153325-0001	Omni	0	✓	✓		✓
153599-0001	Omni	3	✓	✓		✓
153600-0001	Omni	3	✓	✓		✓
480424-0400	Omni	0	✓	✓		
480424-3404	Omni	3	✓	✓		
480424-3402	Patch	6	✓	✓		
460602-3020	YAGI	15	✓			✓
480424-1702	Directional	6	✓	✓		
481246-2400	Patch	6	✓	✓		✓
153180-0001	Omni	0			✓	✓
460601-3020	YAGI	15	✓			✓
154803-0001	Patch	0			✓	
480426-0425	Patch	2.5				✓
155520-0001	Patch	0				✓
155846-0001	Omni	6	✓	✓	✓	✓
155845-0001	Omni	3	✓	✓	✓	✓
155522-0001	Omni	0				✓
155526-0001	Patch	0				✓
155814-0001	Patch	0				✓
154712-0001	Patch	0			✓	
480424-0411	Omni	9	✓	✓		✓
153139-0001	Omni	0			✓	
480424-3411	Patch	4&6	✓	✓		✓
155311-0001	Patch	4&6	✓	✓		✓

### RF Safety

In accordance with the FCC rules regarding Maximum Permissible Exposure(MPE), the antennas given in the table above that are intended for use with other than hand held equipment must be installed such that a minimum separation distance(MPE distance) of at least 20cm is maintained between the antenna and the general population. This regulation does not apply to hand held equipment.

**ETSI Radios**

**Approved Antennas**

The table below identifies by a ✓, the antennas approved for use with LXE 2.4 GHz Spread Spectrum Radio Products in ETSI accepting countries. ETSI regulations limit the maximum EIRP for a system to 20dBm. This means that the radio power(dBm) plus the antenna gain(dBi) can not exceed 20dBm. The combinations given in the table will not exceed the 20dBm limit. The use of alternate antennas is prohibited unless otherwise approved by the appropriate approval agencies.

<b>Approved Antenna/Radio Combinations For ETSI Radios</b>					
<b>Antenna Information</b>			<b>LXE Radio Products</b>		
<b>LXE P/N</b>	<b>Antenna Type</b>	<b>Gain (dBi)</b>	<b>6430 (100mW)</b>	<b>Proxim Type 2</b>	<b>Lucent 802.11(2Mb/s)</b>
153179-0001	Omni	0	✓		✓
153325-0001	Omni	0	✓		✓
153599-0001	Omni	3			✓
153600-0001	Omni	3			✓
480424-0400	Omni	0	✓		✓
153180-0001	Omni	0		✓	✓
154803-0001	Patch	0		✓	
480426-0425	Patch	2.5			✓
155520-0001	Patch	0			✓
155845-0001	Omni	3			✓
155522-0001	Omni	0			✓
155526-0001	Patch	0			✓
155814-0001	Patch	0			✓
154712-0001	Patch	0		✓	
153139-0001	Omni	0		✓	

**RF Safety**

Currently there are no RF Safety requirements in place for ETSI accepting countries. Antennas have no MPE distance restrictions.