

Which power sensors are supported with FieldFox?

FieldFox supports three power sensor options, 302, 330, and 208.

Option 302 is for average power measurements. Supports both sensor types, average and peak. Limited “peak measurement” functionality.

Option 330 is for pulse measurements. Only supports average AND peak sensors. Does not support average only sensors.

Option 208 adds swept-frequency measurement capability to option 302 (must order both 302 and 208).

All three options support both USB and LAN power sensors (despite the title for 302 saying USB power sensor).

Model Number	USB or LAN	Sensor Type	Frequency and Power Range	FieldFox CPU Requirements
U2000A	USB	Average	10 MHz - 18 GHz, -60 to +20 dBm	
U2000B	USB	Average	10 MHz - 18 GHz, -30 to +44 dBm	
U2000H	USB	Average	10 MHz - 18 GHz, -50 to +30 dBm	
U2001A	USB	Average	10 MHz - 6 GHz, -60 to +25 dBm	
U2001B	USB	Average	10 MHz - 6 GHz, -30 to +44 dBm	
U2001H	USB	Average	10 MHz - 6 GHz, -50 to +30 dBm	
U2002A	USB	Average	50 MHz - 24 GHz, -60 to +20 dBm	
U2002H	USB	Average	50 MHz - 24 GHz, -50 to +30 dBm	
U2004A	USB	Average	9 kHz - 6 GHz, -60 to +20 dBm	
U2021XA	USB	Average and peak	50 MHz - 18 GHz, -30 to +20 dBm	
U2022XA	USB	Average and peak	50 MHz - 40 GHz, -30 to +20 dBm	
U2041XA	USB	Average	10 MHz to 6 GHz, -70 to +26 dBm	
U2042XA	USB	Average and peak	10 MHz to 6 GHz, -70 to +26 dBm	
U2043XA	USB	Average	10 MHz to 18 GHz, -70 to +26 dBm	
U2044XA	USB	Average and peak	10 MHz to 18 GHz, -70 to +26 dBm	
U2051XA	USB	Average	10 MHz to 6 GHz, -70 to +26 dBm	CPU2
U2052XA	USB	Average	10 MHz to 18 GHz, -70 to +26 dBm	CPU2
U2053XA	USB	Average	10 MHz to 33 GHz, -70 to +26 dBm	CPU2
U2054XA	USB	Average	10 MHz to 40 GHz, -70 to +20 dBm	CPU2
U2055XA	USB	Average	10 MHz to 50/53 GHz, -70 to +20 dBm	CPU2
U2056XA	USB	Average	10 MHz to 54 GHz, -70 to +20 dBm (≤ 50 GHz), to +15 dBm (≤ 54 GHz)	CPU2
U2057XA	USB	Average	10 MHz to 67 GHz, -70 to +20 dBm (≤ 50 GHz), to +15 dBm (≤ 54 GHz), to +10 dBm (≤ 67 GHz)	CPU2
U2061XA	USB	Average and peak	10 MHz to 6 GHz, -70 to +26 dBm	CPU2
U2062XA	USB	Average and peak	10 MHz to 18 GHz, -70 to +26 dBm	CPU2
U2063XA	USB	Average and peak	10 MHz to 33 GHz, -70 to +26 dBm	CPU2

Model Number	USB or LAN	Sensor Type	Frequency and Power Range	FieldFox CPU Requirements
U2064XA	USB	Average and peak	10 MHz to 40 GHz, -70 to +20 dBm	CPU2
U2065XA	USB	Average and peak	10 MHz to 50/53 GHz, -70 to +20 dBm	CPU2
U2066XA	USB	Average and peak	10 MHz to 54 GHz, -70 to +20 dBm (≤ 50 GHz), to +15 dBm (≤ 54 GHz)	CPU2
U2067XA	USB	Average and peak	10 MHz to 67 GHz, -70 to +20 dBm (≤ 50 GHz), to +15 dBm (≤ 54 GHz), to +10 dBm (≤ 67 GHz)	CPU2
U8481A	USB	Average	10 MHz – 18 GHz, -35 to +20 dBm	
U8485A	USB	Average	10 MHz – 33 GHz, -35 to +20 dBm	
U8487A	USB	Average	10 MHz – 50 GHz, -35 to +20 dBm	
U8488A	USB	Average	10 MHz – 67 GHz, -35 to +20 dBm	
U8489A	USB	Average	DC to 120 GHz, -35 to +20 dBm	
L2051XA	LAN	Average	10 MHz to 6 GHz, -70 to +26 dBm	CPU2
L2052XA	LAN	Average	10 MHz to 18 GHz, -70 to +26 dBm	CPU2
L2053XA	LAN	Average	10 MHz to 33 GHz, -70 to +26 dBm	CPU2
L2054XA	LAN	Average	10 MHz to 40 GHz, -70 to +20 dBm	CPU2
L2055XA	LAN	Average	10 MHz to 50/53 GHz, -70 to +20 dBm	CPU2
L2056XA	LAN	Average	10 MHz to 54 GHz, -70 to +20 dBm (≤ 50 GHz), to +15 dBm (≤ 54 GHz)	CPU2
L2057XA	LAN	Average	10 MHz to 67 GHz, -70 to +20 dBm (≤ 50 GHz), to +15 dBm (≤ 54 GHz), to +10 dBm (≤ 67 GHz)	CPU2
L2061XA	LAN	Average and peak	10 MHz to 6 GHz, -70 to +26 dBm	CPU2
L2062XA	LAN	Average and peak	10 MHz to 18 GHz, -70 to +26 dBm	CPU2
L2063XA	LAN	Average and peak	10 MHz to 33 GHz, -70 to +26 dBm	CPU2
L2064XA	LAN	Average and peak	10 MHz to 40 GHz, -70 to +20 dBm	CPU2
L2065XA	LAN	Average and peak	10 MHz to 50/53 GHz, -70 to +20 dBm	CPU2
L2066XA	LAN	Average and peak	10 MHz to 54 GHz, -70 to +20 dBm (≤ 50 GHz), to +15 dBm (≤ 54 GHz)	CPU2
L2067XA	LAN	Average and peak	10 MHz to 67 GHz, -70 to +20 dBm (≤ 50 GHz), to +15 dBm (≤ 54 GHz), to +10 dBm (≤ 67 GHz)	CPU2
L2065XT	LAN	Average and peak	10 MHz to 53 GHz, -70 to +20 dBm	CPU2
L2066XT	LAN	Thermal Vacuum Compliance	10 MHz to 54 GHz, -70 to +20 dBm (≤ 50 GHz), to +15 dBm (≤ 54 GHz)	CPU2
L2067XT	LAN	Thermal Vacuum Compliance	10 MHz to 67 GHz, -70 to +20 dBm (≤ 50 GHz), to +15 dBm (≤ 54 GHz), to +10 dBm (≤ 67 GHz)	CPU2
U2049XA	LAN	Average and peak	10 MHz to 33 GHz, -70 to +20 dBm	CPU2