US Tech Test Report: FCC Part 15 Certification/ RSS 210
FCC ID: M72-P008
IC: 1849C-P008
Test Report Number: 15-0085
Issue Date: July 31, 2015
Customer: Polycom Inc.
Model: P008 SIP Application module

MPE and SAR threshold requirements

Highest Gain Antenna (2.4 GHz WiFi) = 1.4 dBi

Peak Power (dBm)= 20.1 (highest measured output power level)
Gain of Transmit Antenna = 1.4 dBi
Distance = > 50 mm
time based average= Duty Cycle = < 5%

Total source based time average= (Pwr dBm) + (Ant gain dBi) * time based average

20.10 dBm + 1.4 dBi = 21.5 dBm (141.2 mW) * 0.05= 7.06 mW

which is << less than 96 mW for FCC
which is << less than 309 mW for IC
which is << less than 20 mW for EU

Highest Gain Antenna (5 GHz WiFi) = 2.3 dBi

Peak Power (dBm)= 21.0 (highest measured output power level)
Gain of Transmit Antenna = 2.3 dBi
Distance = > 50 mm
time based average= Duty Cycle = < 5%

Total source based time average= (Pwr dBm) + (Ant gain dBi) * time based average

21.0 dBm + 2.3 dBi = 23.3 dBm (213.80 mW) * 0.05= 10.69 mW

which is << less than 62 mW for FCC
which is << less than 106 mW for IC
which is << less than 20 mW for EU