

Antenna implementation Osia 3

Company: Cochlear

Device Type: Osia 3 Sound Processor / Osia 3(I) Sound Processor

ISM band antenna:

Max antenna gain: - 10dBi

Frequency range: 2402-2480 MHz

Antenna construction: Integral antenna

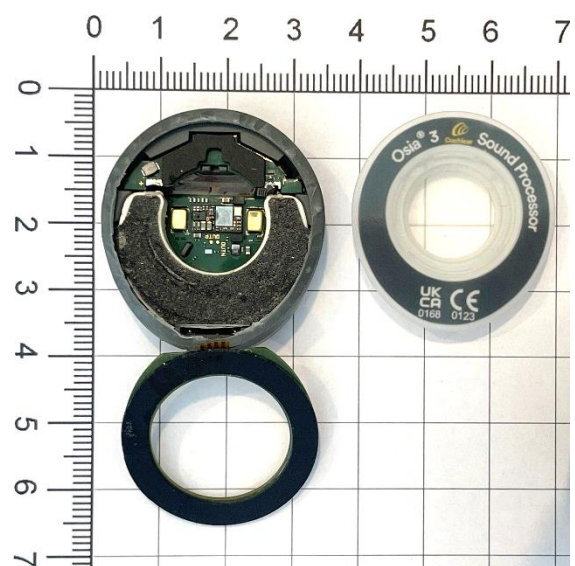
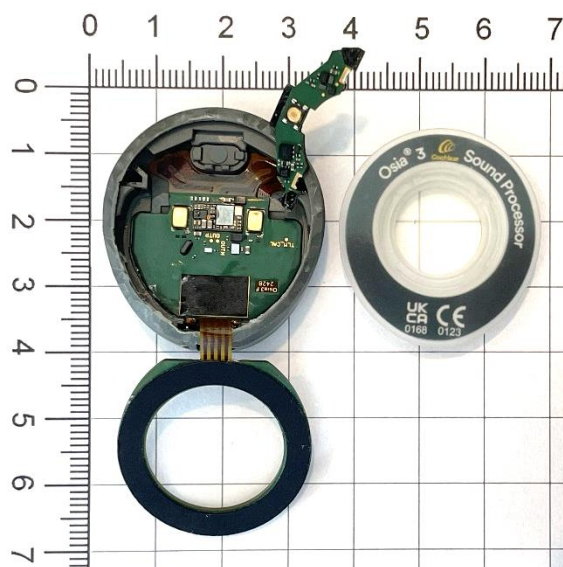
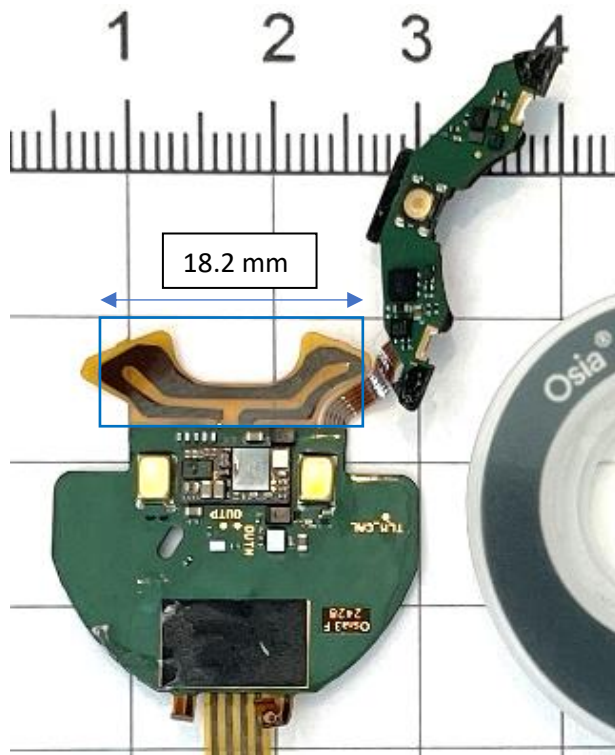
5 MHz antenna:

Max antenna gain: N/A (Inductive)

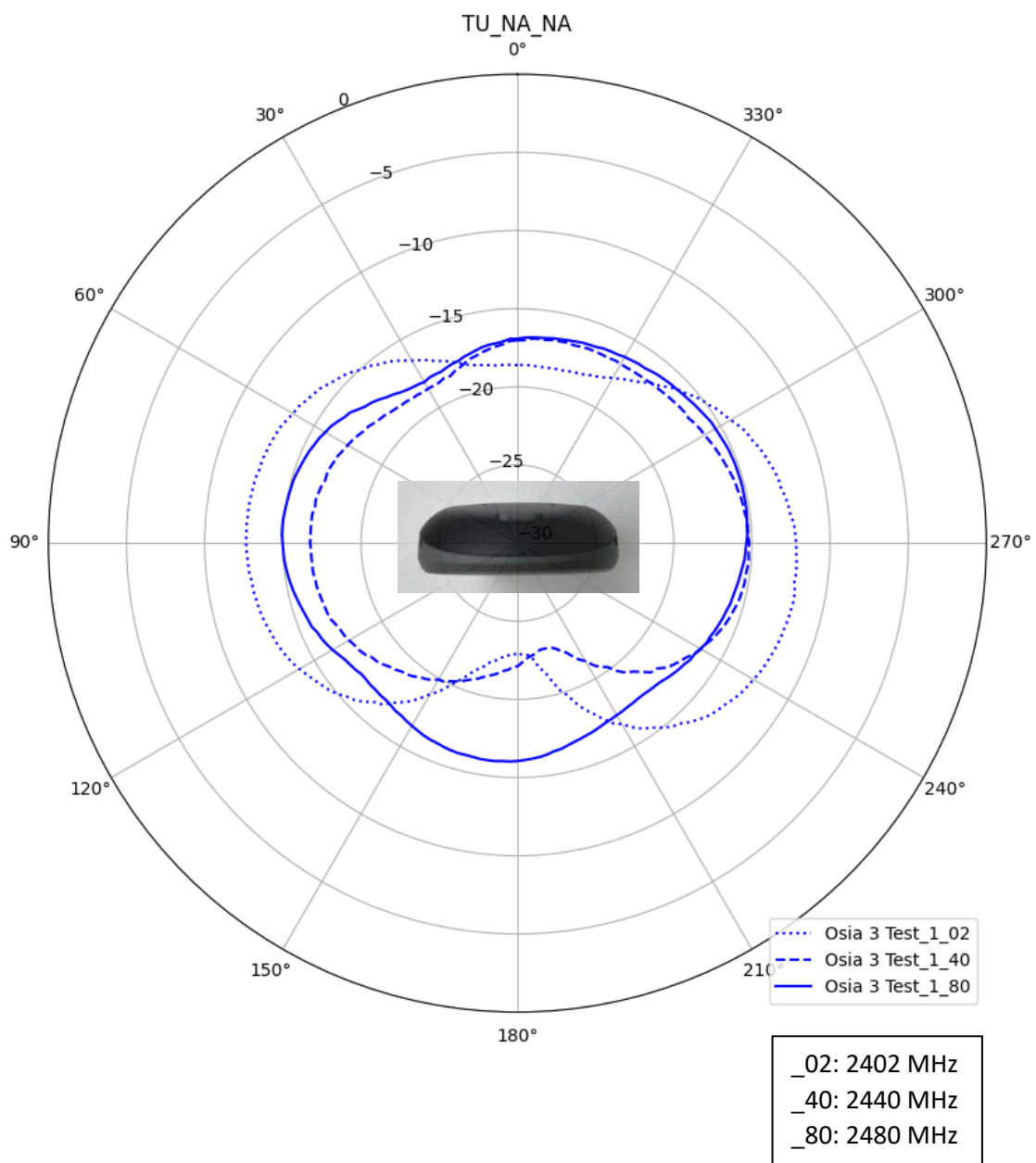
Frequency range: 5 MHz

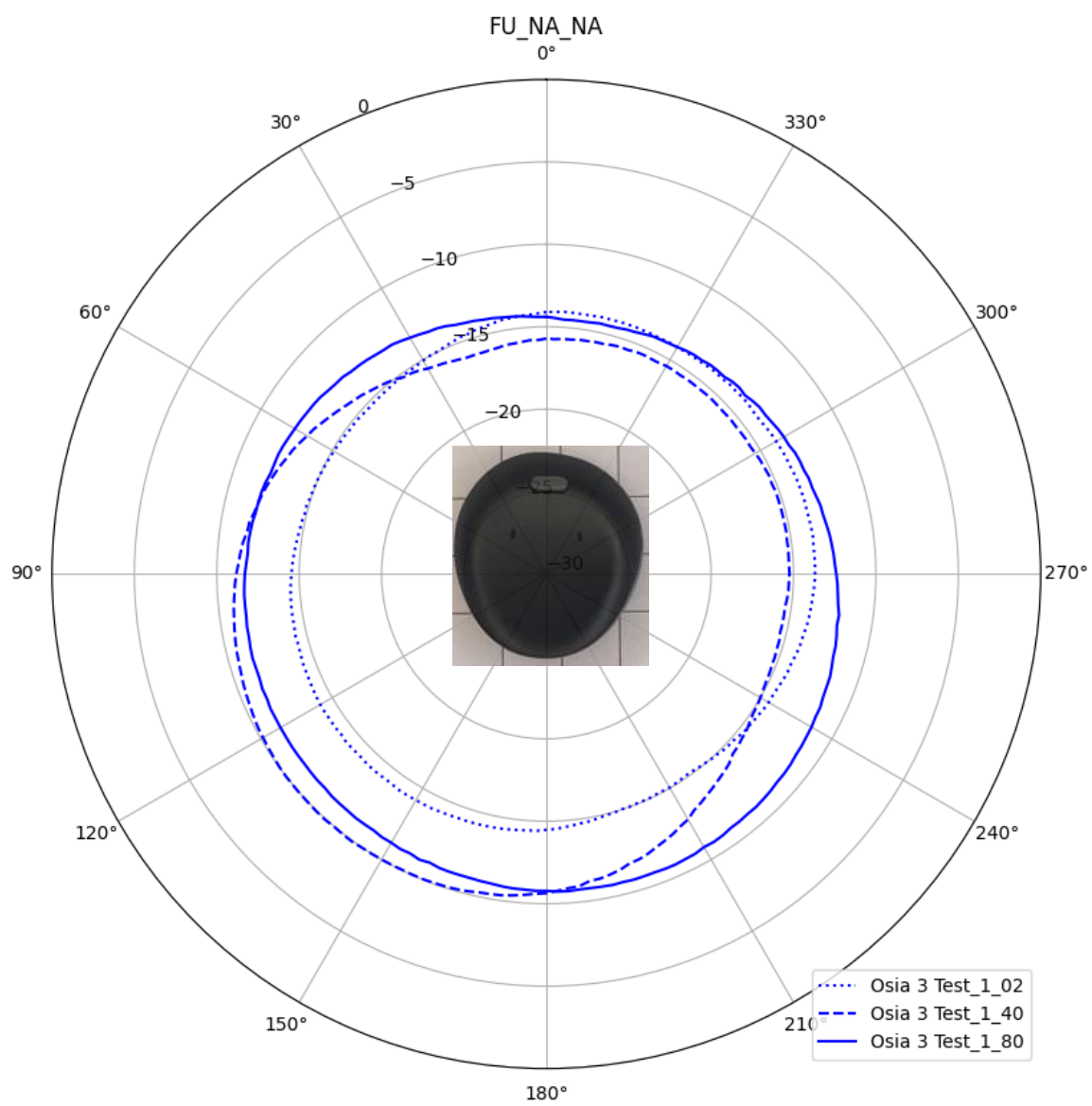
Antenna construction: Coil PCB antenna with 13 turns

Pictures of ISM antenna and antenna position in device

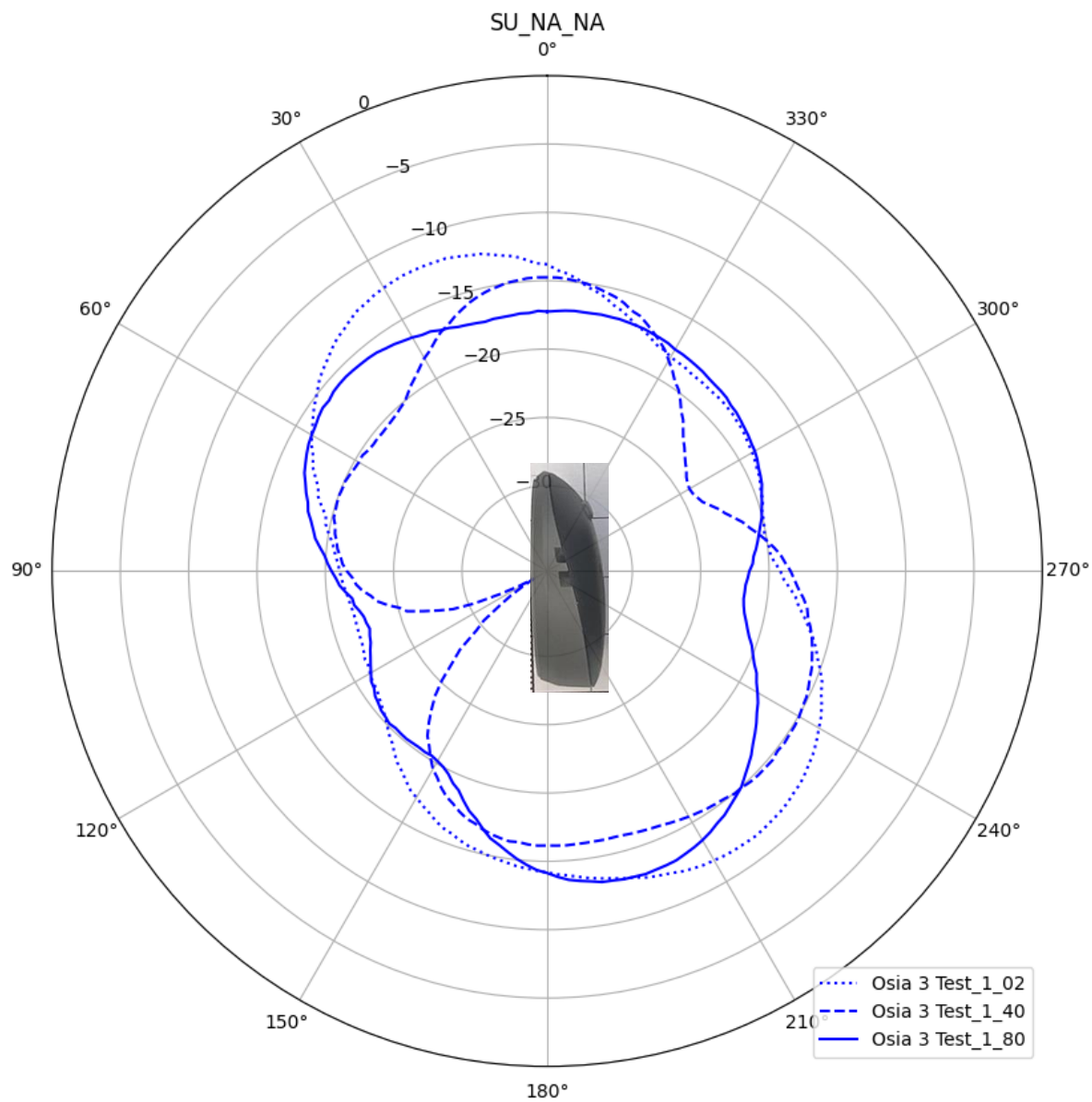


Plane cuts





_02: 2402 MHz
_40: 2440 MHz
_80: 2480 MHz



_02: 2402 MHz
_40: 2440 MHz
_80: 2480 MHz

Pictures of 5MHz antenna and antenna position in device

