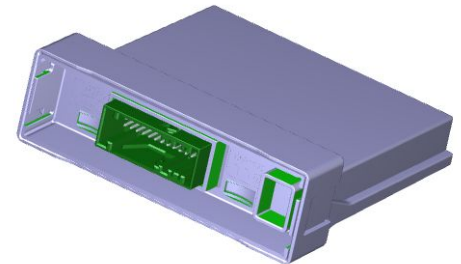


Antenna information

Designation:	PCB Antenna (BLE)
Brand:	Valeo
Model / Part No.:	b817383_B

Product: Handsfree Access & Start Module (HFASM (PAAK))
Model: HFM1



Status: **RELEASE**
Doc.No.: HFM1_4384_1
Revision:1.0
Date: 17.10.2024

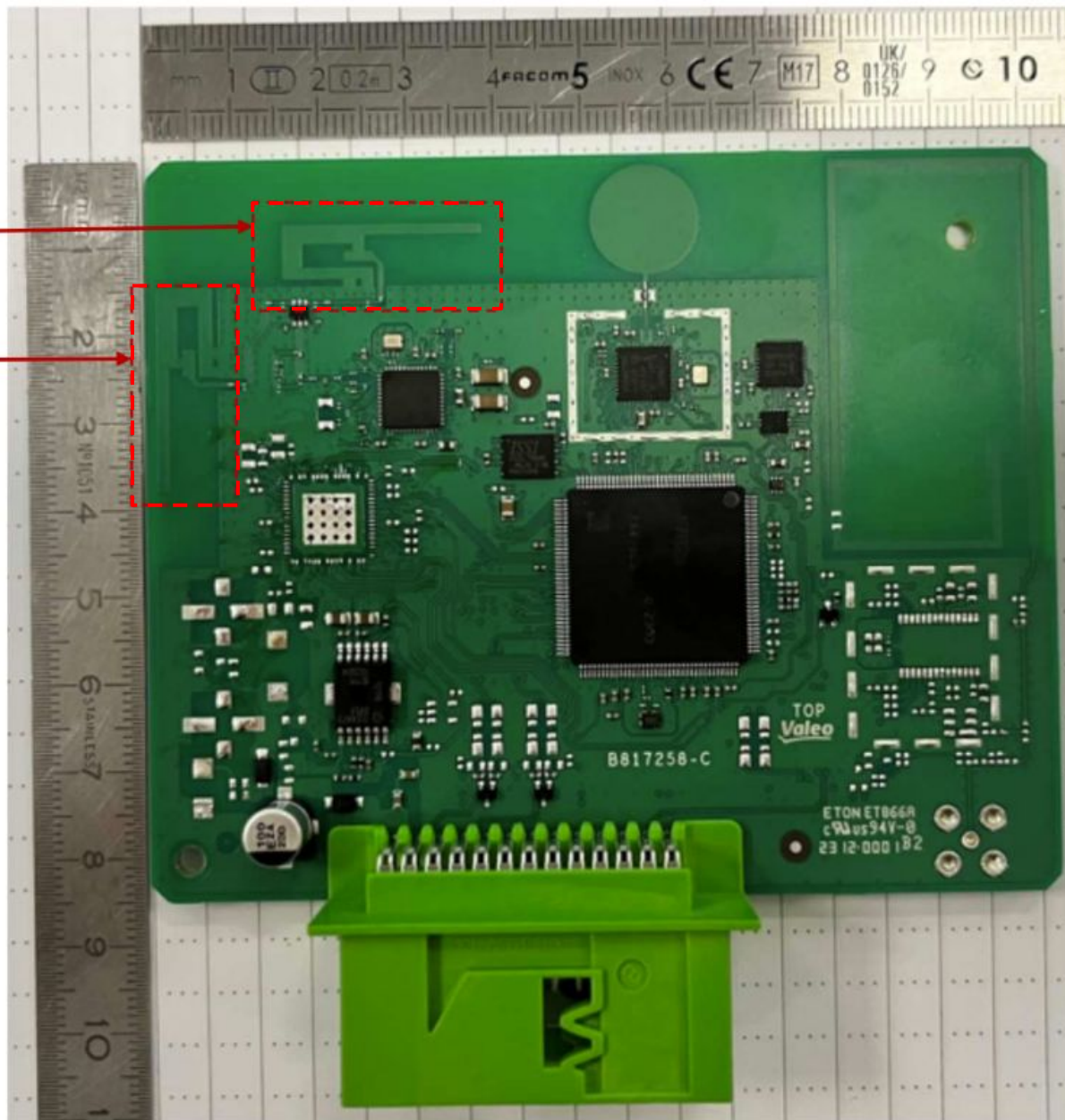


SMART TECHNOLOGY
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Location and Dimensions

Antenna 1

Antenna 2





SMART TECHNOLOGY
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Antenna Gain

Test conditions : Shield fully anechoic chamber

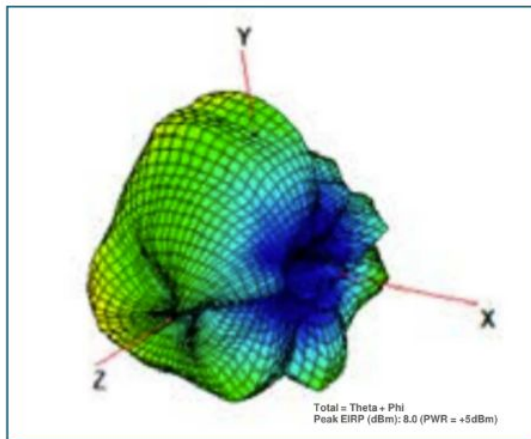
Extract from RF test report HFM1_JP 2.4G RF Report_1-5884_23-01-12, HFM1_FCC 2.4G RF Report_1-5884_23-01-08

Additional EUT parameters: Longest supported packet type low, mid, high channel Pattern: PRBS 9

Plots : ANTENNE 1

Low channel : 2402 MHz

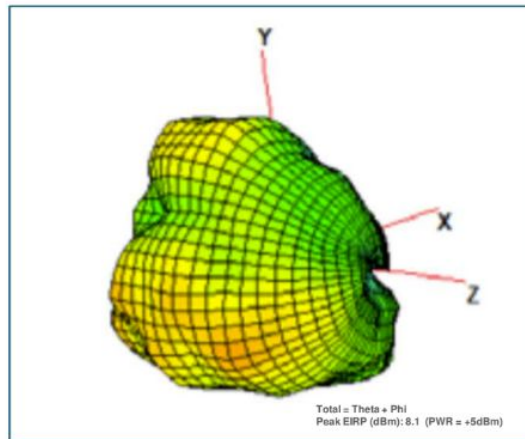
Azimuth = -8,1
Elevation = -23,7
Roll = -43,2



Gain [dBi] Calculated : 2.0

Mid channel : 2440 MHz

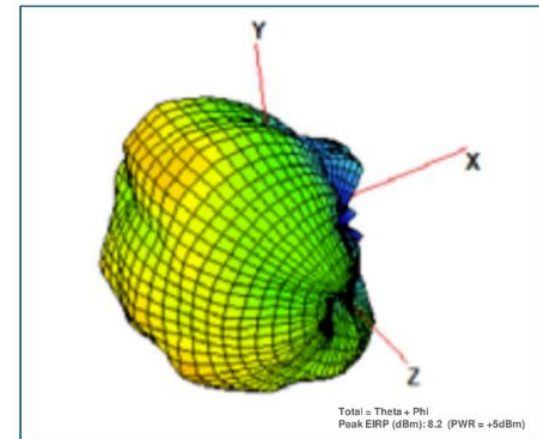
Azimuth = -7,2
Elevation = -12,9
Roll = 40,0



Gain [dBi] Calculated : 1.9

High channel : 2480 MHz

Azimuth = -8,1
Elevation = -23,7
Roll = -43,2



Gain [dBi] Calculated : 1.5