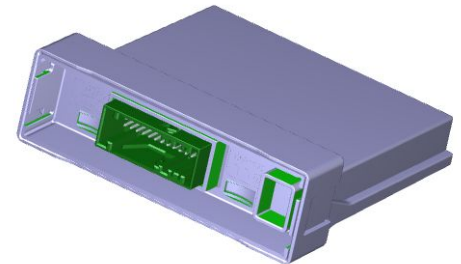


Antenna information

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

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



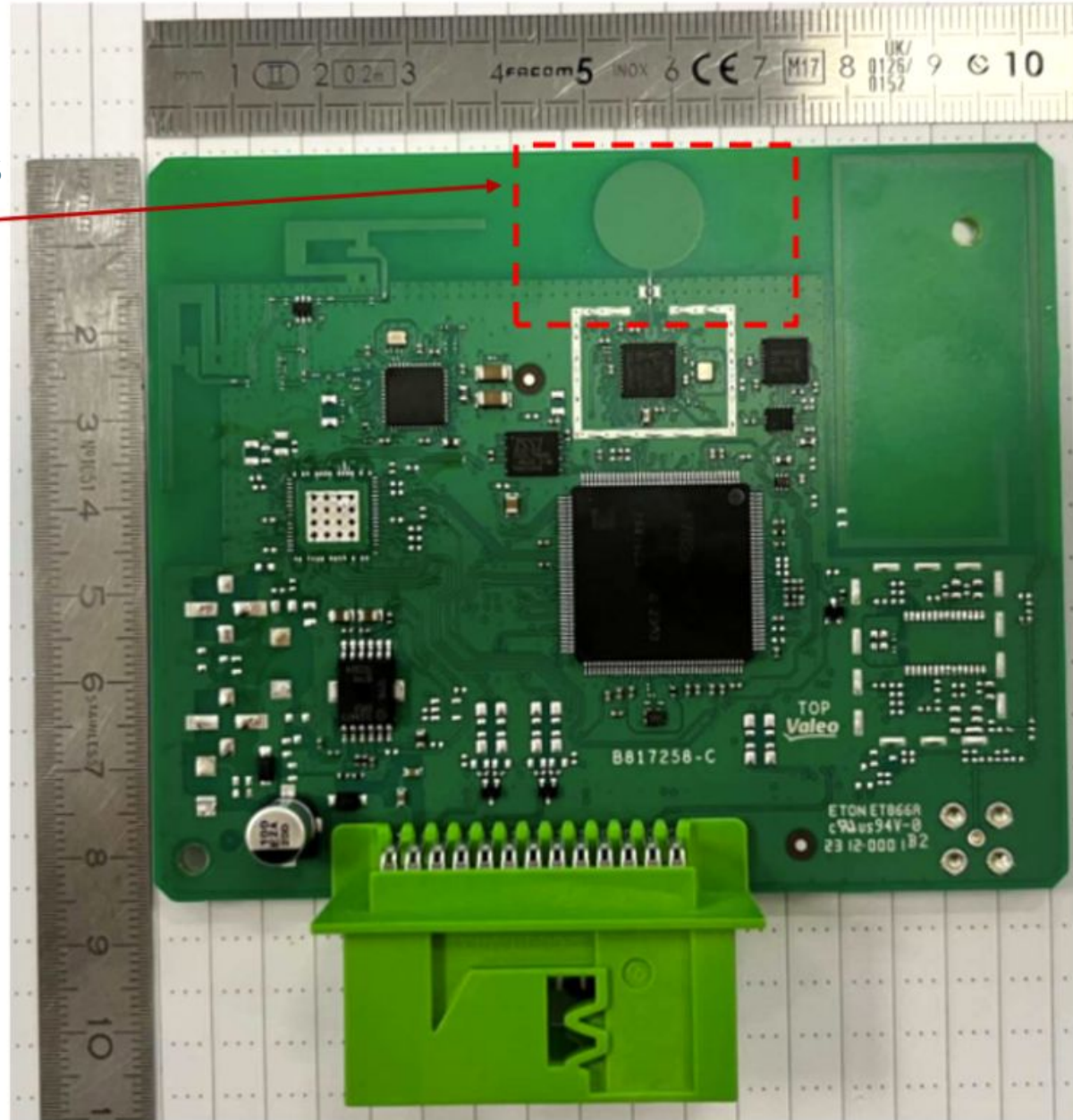
Status: **RELEASE**
Doc.No.: HFM1_4384_2
Revision:1.0
Date: 17.10.2024



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Location and Dimensions

Antenna





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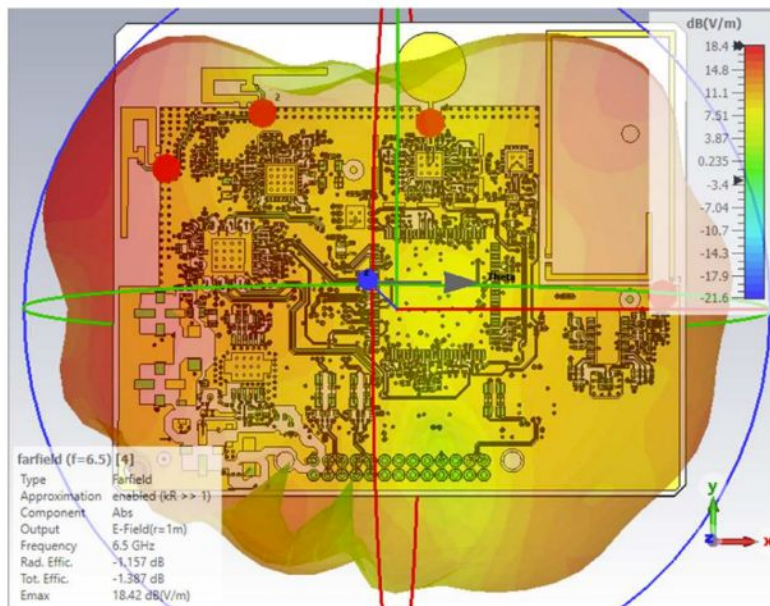
Antenna Gain (1/2)

Test conditions : Shield fully anechoic chamber

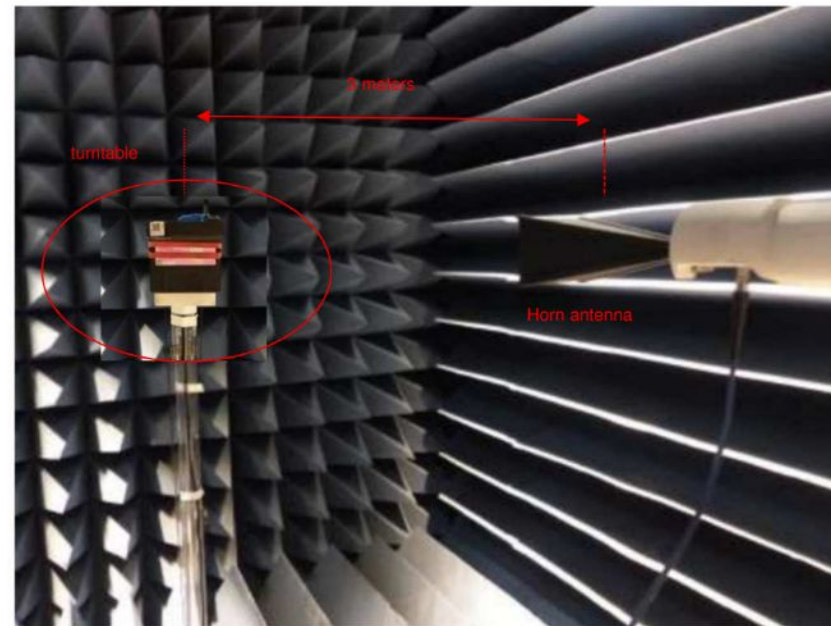
Extract from RF test report HFM1_EN UWB RF Report 1_5884_23-01-05_C1

Plots : ANTENNA

Channel # 5 (6489,6 MHz)



EUT test setup in the fully anechoic chamber, overview EUT elevation 90°



Radiated power, Peak (e.i.r.p) = - 43,46 dBm/MHz
Conducted power, P = -30,46 dBm/MHz

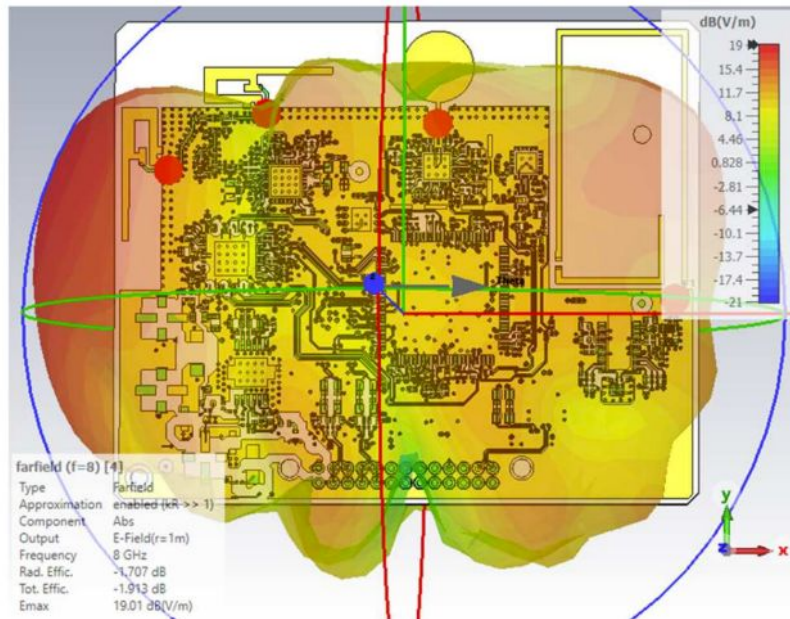
Gain Calculated : -13 dBi

Antenna Gain (2/2)

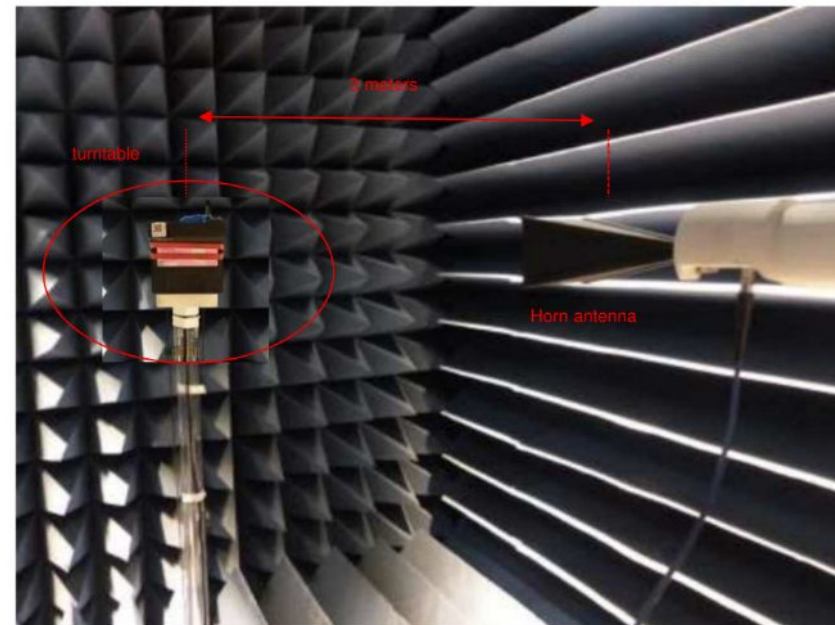
Test conditions : Shield fully anechoic chamber
Extract from RF test report HFM1_EN UWB RF Report 1_5884_23-01-05_C1

Plots : ANTENNA

Channel # 9 (7987,2 MHz)



EUT test setup in the fully anechoic chamber, overview EUT elevation 90°



Radiated power, Peak (e.i.r.p) = - 43,63 dBm/MHz
Conducted power, P = -30,63 dBm/MHz

Gain Calculated : -13 dBi